



TRIUNFO
WATER & SANITATION DISTRICT

Fiscal Year 2022-2023
Budget

July 1, 2022 – June 30, 2023

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TRIUNFO
WATER & SANITATION DISTRICT

2022 Board of Directors

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Janna Orkney

James Wall

Mark Norris – General Manager – 658-4621

Vickie Dragan – Director of Finance – 658-4649

Legal Counsel

John Mathews (Arnold LaRochelle Mathews VanConas & Zirbel LLP) – 988-9886

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Executive Summary

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June 27, 2022

Members of the Board of Directors:

I am pleased to submit the Triunfo Water & Sanitation District (District) Fiscal Year 2022-2023 Budget. The District's FY2023 Budget provides a spending plan for the operation, maintenance, financing, and purchase, of District facilities and infrastructure. The District provides essential wastewater, potable water, and recycled water services to the residents and businesses within its service area.

Budget Overview

The FY2023 Budget anticipates *increases* in net assets (before capital expenses) of \$6,434,709 with full funding of all operating expenses, depreciation and amortization, and non-operating revenues and expenses, as well as debt related to the Oak Canyon reservoir, Automated Meter Read, and Recycled Water Pipeline Projects.

Capital expenses for both the District and the Las Virgenes - Triunfo Joint Powers Authority (JPA) are estimated at \$5,014,076.

Expenses in the Budget include planned infrastructure improvements, anticipated operations and maintenance costs, and purchases of potable and recycled water.

Wastewater revenue includes programmed 15% rate increases, effective in July 2022.

Due to ongoing drought conditions, the Calleguas Municipal Water District's water allocation for Triunfo has been reduced to 1,243 acre fee (AF) per year, this compares to staff's projection of 2,000 AF for FY2020. Anticipated revenue shortfalls will be addressed via the use of reserves and/or emergency rate increases. As necessary, potential revenue shortfalls will be reassessed mid-year. In addition, budgeted Potable revenues reflect a 6% rate increase for FY2023 as well as additional pass-through increases in January 2023.

During May 2017, the District purchased the Recycled Water Pipeline and related facilities from the Calleguas Municipal Water District (CMWD). Based upon the acquisition, the District became the wholesaler of recycled water to California Water Company and Hidden Valley Municipal Water District. The agreed upon wholesale rate continues to be based on 80% of CMWD's Tier 1 Potable Water rate increasing from \$1,248.80 to \$1,305.60. Additionally, Recycled Water revenue includes a programmed 2% retail customer rate increase from \$5.70 to \$5.81 per HCF, effective July 2022, and a pass-through increase starting in January 2023.

The FY2023 and FY2024 JPA Budget is incorporated into the District's FY2023 Budget. The newest and most significant ongoing JPA capital project is the Pure Water Project that began in January 2015. This project involves constructing an advanced water treatment plant to further purify the JPA's excess recycled water and augment the potable water supplies stored in the Las Virgenes Reservoir. The \$1,507,510 funding included in the FY2023 Capital Improvement Plan (CIP) budget for this project will primarily be used for various required studies and preliminary design efforts. The other JPA CIP funds budgeted are earmarked for several additional projects to address TMDL compliance, SCADA improvements, pipeline rehabilitation, and lift station improvements.

In addition, there are several items that will impact the budget but the extent has not been fully determined. The District's ongoing plan to transition to a more autonomous operation involving the field services group is expected to be completed by June 30, 2022. In order to provide for a smoother field services transition, the District also entered into a five- year contract with Ventura Regional Sanitation District to provide maintenance support of wastewater facilities and SCADA system.

On Page 3, Table I provides a forecast of District-wide revenues and expenses, as well as historical data.

Table I – TWSD Consolidated

Description	Actual FY 2020 Yearend	Actual FY 2021 Yearend	Adjusted FY 2022 Budget	Estimated FY 2022 Yearend	Proposed FY 2023 Budget
Operating revenues:					
Fees, sales	\$ 18,356,120	\$ 21,626,008	\$ 22,805,945	\$ 22,608,046	\$ 22,681,733
Service charges	2,177,628	2,296,422	2,390,866	2,450,971	2,525,973
Rental revenue - Cell Towers	181,378	185,771	186,313	196,707	192,352
Penalty revenue	83,425	18,893	103,459	143,263	146,037
Other revenue	260,602	102,916	205,848	91,640	124,428
Total operating revenues	21,059,152	24,230,010	25,692,431	25,490,627	25,670,523 [1]
Operating expenses:					
Salary & Employee Benefits	-	701,027	1,411,518	1,444,227	2,869,385 [2]
Wastewater treatment, Potable & R/W purchase	8,155,010	10,506,527	9,512,844	9,567,450	9,800,132 [3]
VRSD contract services - Operations	3,222,507	3,809,286	4,110,883	2,979,388	950,000 [4]
VRSD contract services - Administration	1,311,868	1,110,533	115,535	135,278	-
Professional services	936,549	360,665	353,113	137,694	1,521,338 [5]
Insurance	97,477	112,809	129,170	135,852	157,716 [6]
Board member fees and reimbursable expenses	55,286	50,986	66,335	47,279	66,335 [7]
Membership and dues	47,326	49,001	56,414	70,380	62,708 [8]
Conference and seminars	13,683	(70)	50,118	4,231	50,118 [9]
Management and administrative	27,226	41,086	103,106	79,044	1,279,141 [10]
Utilities	185,643	213,789	223,855	219,955	239,838 [11]
Bank service charges	55,997	59,246	59,490	77,413	70,600 [12]
Permits, licenses and fees	196,836	265,810	222,340	227,284	229,648 [13]
Total operating expenses	14,305,408	17,280,695	16,414,721	15,125,475	17,296,959
Operating income(loss) before depreciation	6,753,745	6,949,315	9,277,709	10,365,152	8,373,564
Depreciation and amortization	1,505,342	1,410,847	1,439,723	1,406,629	1,408,510
Operating income(loss)	5,248,402	5,538,468	7,837,987	8,958,523	6,965,055
Non-operating revenues(expenses):					
Interest and investment earnings	268,020	104,155	33,075	53,340	49,600
Gain(loss) on sales and/or disposals of assets	-	-	-	-	-
Debt service interest expense	(606,273)	(560,975)	(534,374)	(534,374)	(337,446) [14]
Overhead cost allocation	-	-	-	-	(242,500)
Other, net	-	-	-	-	-
Total non-operating revenues(expenses)	(338,253)	(456,820)	(501,299)	(481,034)	(530,346)
Change in net assets before capital expenses	\$ 4,910,149	\$ 5,081,648	\$ 7,336,688	\$ 8,477,489	\$ 6,434,709 [15]
Capital expenses	1,068,966	4,737,936	4,404,795	4,404,795	5,014,076 [16]
Capital expenses - contra	-	-	-	-	-
Capital expenses, net	1,068,966	4,737,936	4,404,795	4,404,795	5,014,076
Change in net assets	\$ 3,841,183	\$ 343,712	\$ 2,931,893	\$ 4,072,694	\$ 1,420,633

Budget Line Item Summary

Wastewater Treatment (JPA) – Triunfo’s portion of the FY2023 JPA wastewater treatment budget total \$6,564,000, up from the FY2022 budget total of \$5,192,000.

Potable Water Purchases – The budget assumes purchasing 1,243 AF of water and purchased at \$1,561 per acre foot from July through December 2022, and \$1,632 per acre foot from January through June 2023. Any additional increases to the wholesale rate will be addressed with rate modifications.

Recycled Water Purchases – Estimated FY2023 expenses from the JPA for recycled water purchases total \$848,157. The District purchased the recycled pipeline from CMWD in 2017.

VRSD Contract – The proposed FY2023 VRSD contract for the maintenance support of the District’s wastewater facilities and SCADA system represents a decrease from \$4,110,883 to \$950,000. A copy of the VRSD’s Scope of Services are found on Pages 158 through 160. The remaining balance is included in the Professional Services and Management and Administrative categories.

Professional Services – The FY2023 expense total for this category includes the baseline legal fees (\$72,500), annual financial audits for the District and the JPA (\$26,835 and \$5,175, respectively), information technology systems maintenance and support (\$36,800), Financial and Billing software annual fee and support (\$17,497), various contracted services (\$138,073) and the remaining VRSD FY2022 contract balance (\$1,222,181). A copy of the Professional Services detail is found on page 36.

Board Member Fees & Reimbursable Expenses – The estimates for FY2023 include 315 days of service for board meetings, committee meetings, and attendance at conferences and seminars.

Membership Dues, Conferences, & Seminars – These expenses are estimated to total \$112,826 in FY2023. These expenses include membership dues and registration, lodging, transportation, and per diem, associated with conference and seminar attendance.

Management & Administrative – Building lease rentals, computer software, equipment maintenance, general administrative expenses, Aqua-Metric annual support fee, biennial election, Tax Collector’s fee among other items. A detailed list is found on page 37.

Utilities – Utilities includes water, electricity, and telephone services.

Bank Service Charges – This category includes credit card services fees and bank fees.

Permits, Licenses and Fees – Payments to the City of Los Angeles for fees related to Wastewater conveyance and treatment services (\$191,400 in FY2023) are the primary component of this category.

Depreciation – This Budget includes full depreciation for both sanitation and water facilities.

Debt Service Interest Expense – A debt service schedule is included on Page 43. For FY2023, the combined interest expense for all loans is \$337,446.

Acknowledgement

I appreciate the Board of Directors' continued support in providing the vision and resources necessary to improve the District's financial outlook and respond to the various challenges facing the District, including the decision to transition to a more conventional district.

The completion of this budget document was attributable to both the dedication and hard work of the TWSD staff, to whom I would like to acknowledge and express my sincere appreciation. I would also like to take this opportunity to thank the Las Virgenes Municipal Water District staff for their hard work in completing the Las Virgenes – Triunfo Joint Powers Authority Budget.

Staff is looking forward and is committed to working with the Triunfo Water & Sanitation District Board in developing future opportunities and addressing challenges.

Respectfully Submitted,

Mark Norris
General Manager

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Consolidated Budget.....

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TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

CONSOLIDATED

Description	Actual FY 2020 Yearend	Actual FY 2021 Yearend	Adjusted FY 2022 Budget	Estimated FY 2022 Yearend	Proposed FY 2023 Budget	
Operating revenues:						
Fees, sales	\$ 18,356,120	\$ 21,626,008	\$ 22,805,945	\$ 22,608,046	\$ 22,681,733	
Service charges	2,177,628	2,296,422	2,390,866	2,450,971	2,525,973	
Rental revenue - Cell Towers	181,378	185,771	186,313	196,707	192,352	
Penalty revenue	83,425	18,893	103,459	143,263	146,037	
Other revenue	260,602	102,916	205,848	91,640	124,428	
Total operating revenues	21,059,152	24,230,010	25,692,431	25,490,627	25,670,523	[1]
Operating expenses:						
Salary & Employee Benefits	-	701,027	1,411,518	1,444,227	2,869,385	[2]
Wastewater treatment, Potable & R/W purchase	8,155,010	10,506,527	9,512,844	9,567,450	9,800,132	[3]
VRSD contract services - Operations	3,222,507	3,809,286	4,110,883	2,979,388	950,000	[4]
VRSD contract services - Administration	1,311,868	1,110,533	115,535	135,278	-	
Professional services	936,549	360,665	353,113	137,694	1,521,338	[5]
Insurance	97,477	112,809	129,170	135,852	157,716	[6]
Board member fees and reimbursable expenses	55,286	50,986	66,335	47,279	66,335	[7]
Membership and dues	47,326	49,001	56,414	70,380	62,708	[8]
Conference and seminars	13,683	(70)	50,118	4,231	50,118	[9]
Management and administrative	27,226	41,086	103,106	79,044	1,279,141	[10]
Utilities	185,643	213,789	223,855	219,955	239,838	[11]
Bank service charges	55,997	59,246	59,490	77,413	70,600	[12]
Permits, licenses and fees	196,836	265,810	222,340	227,284	229,648	[13]
Total operating expenses	14,305,408	17,280,695	16,414,721	15,125,475	17,296,959	
Operating income(loss) before depreciation	6,753,745	6,949,315	9,277,709	10,365,152	8,373,564	
Depreciation and amortization	1,505,342	1,410,847	1,439,723	1,406,629	1,408,510	
Operating income(loss)	5,248,402	5,538,468	7,837,987	8,958,523	6,965,055	
Non-operating revenues(expenses):						
Interest and investment earnings	268,020	104,155	33,075	53,340	49,600	
Gain(loss) on sales and/or disposals of assets	-	-	-	-	-	
Debt service interest expense	(606,273)	(560,975)	(534,374)	(534,374)	(337,446)	[14]
Overhead cost allocation	-	-	-	-	-	
Other, net	-	-	-	-	-	
Total non-operating revenues(expenses)	(338,253)	(456,820)	(501,299)	(481,034)	(287,846)	
Change in net assets before capital expenses	\$ 4,910,149	\$ 5,081,648	\$ 7,336,688	\$ 8,477,489	\$ 6,677,209	[15]
Capital expenses	1,068,966	4,737,936	4,404,795	4,404,795	5,256,576	[16]
Capital expenses - contra	-	-	-	-	-	
Capital expenses, net	1,068,966	4,737,936	4,404,795	4,404,795	5,256,576	
Change in net assets	\$ 3,841,183	\$ 343,712	\$ 2,931,893	\$ 4,072,694	\$ 1,420,633	

TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

CONSOLIDATED

COMMENTS

The Consolidated budget summarizes the proposed activities for Administration, Wastewater, Potable Water, and Recycled Water including Capital Projects for FY2023.

- [1] Estimated FY2023 Operating Revenues include approximately \$14.79M in Wastewater, \$7.48M in Potable Water, and \$3.4M in Recycled Water. For a detailed breakdown of Operating Revenue within each segment, please see pages 10-11, 20-21, and 25-26.
- [2] Salary & Employee Benefits estimated for FY2023 include \$1.82M for Administration, \$0.42M in Wastewater, \$0.52M Potable Water, and \$0.1M in Recycled Water. For a detailed breakdown, please see page 30.
- [3] Estimated FY2023 expenses include approximately \$6.56M for wastewater treatment, \$2.39M for the purchase of potable water, and \$0.85M for the purchase of recycled water. For a detailed breakdown within each segment, please see pages 10-11, 20-21, and 25-26.
- [4] For a detailed breakdown of FY2023 VRSD Contract Services within each project, please see pages 158-163.
- [5] Budgeted items for FY2023 include baseline legal fees (\$72.5K), as-needed engineering consultant (\$50.9K), various IT maintenance & software annual fees (\$55.8K), TWSD audit and share of the JPA audit (\$32K), marketing/advertising/sponsorship (\$50K), various outside consultants (\$38K), and remaining VRSD labor budgeted in FY2022 (\$1.22M).
- [6] FY2023 budgeted items include liability insurance (\$96.3K), the Recycled Water system (\$31.2K), the AMI system (\$24.5K), and workers' compensation (\$5.7K).
- [7] This includes 332 days of service, which are primarily at TWSD Board Meetings, JPA Board Meetings, committee meetings, training, CASA attendance, ACWA attendance, CSDA attendance, and lobbying efforts in Washington DC.
- [8] For the Membership and dues detailed breakdown, please see page 35.
- [9] For the Conference and seminars detailed breakdown, please see page 34.
- [10] FY2023 management and administrative expenses include the office leases (\$86.9K), AMR annual fee (\$87.2K), tax collector fees to collect sewer fees through the tax rolls (\$40K), biennial election fees (\$21K), various office services including copiers paper shredding, offsite storage, etc. (\$19.2K), billing/printing/postage (\$139.6K), water conservation rebates (\$3.3K), and remaining VRSD supplies and vehicles budgeted in FY2022 (\$883.3K).
- [11] Utilities are comprised of water, electricity, and telephone services, including a toll-free 800 telephone number.
- [12] Paymentus credit card service fees (\$67K) and bank fees (\$3.6K).
- [13] FY2023 expenses are primarily comprised of capacity reservation charges and capacity rights obligations to the City of Los Angeles for use of the Tillman treatment plant (\$191.4K); SWRCB, Encroachment, and EHD (\$23.8K); and LAFCO (\$11.8K).
- [14] For a detailed breakdown of debt service, please see page 43.
- [15] On a consolidated basis, it is estimated that Triunfo Water & Sanitation District FY2023 revenues will exceed expenses by approximately \$6.4M before capital.
- [16] For a list of all capital projects, please see pages 38. Joint Powers Authority related capital improvement projects are also identified and discussed in the attached *Las Virgenes - Triunfo Joint Powers Authority FY2022-23 & FY2023-24 Budget* (Pages 87-157).

Administration

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TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

ADMINISTRATION

Description	Actual FY 2020 Yearend	Actual FY 2021 Yearend	Adjusted FY 2022 Budget	Estimated FY 2022 Yearend	Proposed FY 2023 Budget
Operating revenues:					
Fees, sales	\$ -	\$ -	\$ -	\$ -	\$ -
Service charges	-	-	-	-	-
Rental revenue - Cell Towers	-	-	-	-	-
Penalty revenue	-	-	-	-	-
Other revenue	-	914	-	23	-
Total operating revenues	-	914	-	23	-
Operating expenses:					
Salary & Employee Benefits	-	701,027	1,411,518	1,444,227	1,824,244 [1]
Wastewater treatment, Potable & R/W purchase	-	-	-	-	-
VRSD contract services - Operations	-	-	-	-	-
VRSD contract services - Administration	799,248	686,476	115,535	135,278	-
Professional services	366,766	194,452	260,043	200,553	248,282 [2]
Insurance	43,812	58,928	77,032	83,221	101,990 [3]
Board member fees and reimbursable expenses	54,935	50,986	65,417	47,279	51,404 [4]
Membership and dues	7,951	7,841	9,943	19,135	16,268 [5]
Conference and seminars	1,626	730	9,481	591	9,481 [6]
Management and administrative	-	10,334	67,400	17,792	136,368 [7]
Utilities	-	5,399	20,224	7,154	32,500
Bank service charges	-	-	3,600	10,958	3,600
Permits, licenses and fees	10,954	14,300	14,423	17,703	14,448 [8]
Total operating expenses	1,285,293	1,730,474	2,054,615	1,983,892	2,438,585
Operating income(loss) before depreciation	(1,285,293)	(1,729,560)	(2,054,615)	(1,983,869)	(2,438,585)
Depreciation and amortization	-	-	-	-	-
Operating income(loss)	(1,285,293)	(1,729,560)	(2,054,615)	(1,983,869)	(2,438,585)
Non-operating revenues(expenses):					
Interest and investment earnings	2,718	10	-	-	-
Gain(loss) on sales and/or disposals of assets	-	-	-	-	-
Debt service interest expense	-	-	-	-	-
Overhead cost allocation	1,282,575	1,677,924	2,054,615	2,054,615	2,681,085 [9]
Other, net	-	-	-	-	-
Total non-operating revenues(expenses)	1,285,293	1,677,934	2,054,615	2,054,615	2,681,085
Change in net assets before capital expenses	\$ -	\$ (51,626)	\$ 0	\$ 70,746	\$ 242,500
Capital expenses	-	-	-	-	242,500 [10]
Capital expenses - contra	-	-	-	-	-
Capital expenses, net	-	-	-	-	242,500
Change in net assets	\$ -	\$ (51,626)	\$ 0	\$ 70,746	\$ 0

TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

ADMINISTRATION

COMMENTS

- [1] Salaries and Benefits include the General Manager, Finance Director, Clerk of the Board, Engineering Program Manager, Administrative Program Manager, Accountant, Accounting Technicians (3), Accounting Assistant (new added position), and Public Information Officer (new added position). For detailed breakdown, see pages 30-32.
- [2] FY2023 Professional Services includes baseline legal fees (\$72.5K), various IT maintenance & software annual fees (\$55.8K), TWSD audit (\$26.8K), TWSD's share of the JPA's audit (\$5K), marketing/advertising/sponsorship (\$50K), various outside consultants (\$38K).
- [3] Liability (CSRMA - \$96.3K) and workers' compensation (State Compensation Insurance Fund - \$5.7K) insurance costs.
- [4] Board Member fees and expenses include days of service for TWSD Board Members and primarily comprised of TWSD Board Meetings, JPA Board Meetings, committee meetings, training, and CSDA attendance.
- [5] Membership and Dues include CSDA, VCSDA, and other memberships and dues. For a detailed breakdown of FY2023, please see page 35.
- [6] Conference and Seminars include CSDA and \$5.2K in other conferences and seminars. For a detailed breakdown, please see page 34.
- [7] FY2023 management and administrative expenses include the office leases (\$86.9K), biennial election fees (\$21K), various office services including copiers paper shredding, offsite storage, etc. (\$19.2K).
- [8] FY2023 Permits, Licenses, & Fees includes the following estimates: \$11.8K in LAFCO fees and \$2.7K in miscellaneous permit fees.
- [9] Overhead cost allocation represents the transfer IN from Wastewater (\$1.51M), Potable Water (\$0.82M), and Recycled Water (\$0.35M) to pay for TWSD's administrative and capital overhead.

[10]

Summary of FY 2023 Capital Projects	
Description	Administration
<i>Triunfo Water & Sanitation District</i>	
Truck-Operations Manager	\$50,000
Office Furniture	\$62,500
Board Room Dais	\$65,000
IPAD's (5) - Operations Employees	\$15,000
IT labor, cabling, equipment/computer purchase and installation	\$50,000
<i>Triunfo Water & Sanitation District Subtotal</i>	<i>\$242,500</i>
FY 2023 Capital Projects Estimated Total	\$242,500

Wastewater

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TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

WASTEWATER

Description	Actual FY 2020 Yearend	Actual FY 2021 Yearend	Adjusted FY 2022 Budget	Estimated FY 2022 Yearend	Proposed FY 2023 Budget	
Operating revenues:						
Fees, sales	\$ 9,752,279	\$ 11,204,741	\$ 12,526,678	\$ 12,857,855	\$ 14,645,488	[1]
Service charges	-	-	-	-	\$ -	
Rental revenue - Cell Towers	-	20	-	-	\$ -	
Penalty revenue	11,475	19,065	18,630	12,226	\$ 15,000	
Other revenue	248,236	83,755	193,946	83,663	\$ 127,525	[2]
Total operating revenues	10,011,990	11,307,580	12,739,254	12,953,744	14,788,013	
Operating expenses:						
Salary & Employee Benefits	-	-	-	-	418,057	[3]
Wastewater treatment	4,120,929	5,995,456	5,192,000	5,397,821	6,564,000	[4]
VRSD contract services - Operations	1,471,336	1,968,190	2,192,342	1,207,345	736,907	[5]
VRSD contract services - Administration	100,534	30,846	-	-	-	
Professional services	436,596	125,769	25,875	21,016	562,109	[6]
Insurance	3,550	2,559	-	2,559	-	
Board member fees and reimbursable expenses	199	-	918	-	12,798	[7]
Membership and dues	13,370	13,600	14,531	18,133	14,500	[8]
Conference and seminars	1,434	-	29,180	-	29,180	[9]
Management and administrative	26,215	29,647	32,394	31,580	509,021	[10]
Utilities	32,287	35,795	38,000	39,022	40,000	[11]
Bank service charges	-	79	-	-	-	
Permits, licenses and fees	148,388	204,113	168,220	160,592	165,200	[12]
Total operating expenses	6,354,838	8,406,052	7,693,460	6,878,068	9,051,770	
Operating income(loss) before depreciation	3,657,152	2,901,528	5,045,794	6,075,676	5,736,243	
Depreciation and amortization	347,904	329,479	347,904	327,181	328,089	
Operating income(loss)	3,309,248	2,572,049	4,697,890	5,748,495	5,408,154	
Non-operating revenues(expenses):						
Interest and investment earnings	250,060	100,656	20,250	51,701	49,600	
Gain(loss) on sales and/or disposals of assets	-	-	-	-	-	
Debt service interest expense	-	-	-	-	-	
Overhead cost allocation	(594,426)	(771,845)	(1,027,308)	(1,027,308)	(1,510,409)	[13]
Other, net	-	-	-	-	-	
Total non-operating revenues(expenses)	(344,366)	(671,189)	(1,007,058)	(975,606)	(1,460,809)	
Change in net assets before capital expenses	\$ 2,964,882	\$ 1,900,860	\$ 3,690,833	\$ 4,772,889	\$ 3,947,345	
Capital expenses	1,068,966	4,737,936	4,249,170	4,249,170	4,951,763	[14]
Capital expenses - contra	-	-	-	-	-	
Capital expenses, net	1,068,966	4,737,936	4,249,170	4,249,170	4,951,763	
Change in net assets	\$ 1,895,916	\$ (2,837,077)	\$ (558,337)	\$ 523,719	\$ (1,004,418)	

TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

WASTEWATER

COMMENTS

- [1] Wastewater revenue includes the following estimated sewer service fees, proposed to go into effect on July 1, 2022, in accordance with Ordinance No. TWSD-250:

Description	Total ERUs	Monthly Rate per ERU	Annual Fees
Apartments	1,216.750	\$72.96	\$1,065,288.96
Single Family	8,205.948	\$91.22	\$8,982,558.92
Multi-Family	2,425.377	\$91.22	\$2,654,914.68
Commercial	615.860	\$91.22	\$674,144.99
Recreation	40.000	\$91.22	\$43,785.60
Recreation Public Agency	18.000	\$91.22	\$19,703.52
School	246.000	\$91.22	\$269,281.44
Fire Service	2.000	\$91.22	\$2,189.28
Utility	2.000	\$91.22	\$2,189.28
Shopping Center	101.000	\$161.99	\$196,331.88
Restaurant	169.000	\$209.85	\$425,575.80
Markets	38.000	\$209.85	\$95,691.60
Water Flow - Low	205.810	\$79.32	\$195,898.19
Water Flow - High	8.190	\$182.48	\$17,934.13
FY2023 Total	13,293.935		\$14,645,488.27

- [2] Other Revenue includes the following estimates connection fees (\$84.3K) and other permit, audit, inspection, and plan check fees (\$43.2K).
- [3] Salary & Employee benefits represent 50% of the total cost from the Operations employees (\$418.1K).
- [4] Wastewater Treatment includes TWSD's share of the JPA's operating expenses. For a detailed breakdown, see pages 44-86.
- [5] Services include collection system maintenance, SCADA maintenance, and source control functions. For a detailed breakdown please see pages 158-160.
- [6] Professional Services include as-needed engineering consultant (\$50.9K) and remaining VRSD FY2022 labor budget (\$537.1K).
- [7] Days of service for TWSD Board members to attend CASA events and lobbying efforts in Washington DC.
- [8] Membership and Dues consists of CASA.
- [9] Conference and Seminars include CASA and lobbying efforts in Washington DC. For a detailed breakdown, please see page 34.
- [10] Tax Collector Fees to collect sewer service fees through tax rolls (\$40.0K) and remaining VRSD FY2022 supplies and vehicles budget (\$459.7K).
- [11] Utilities are comprised of water, electricity, and telephone services.
- [12] FY2021 Significant fees include capacity reservation charges and capacity rights obligations to the City of Los Angeles for use of the Tillman treatment plant (\$165.2K).

TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

WASTEWATER

COMMENTS

[13] Overhead cost allocation is the Wastewater Division's share of TWSD's own administrative overhead.

[14]

Summary of FY 2023 Capital Projects	
Description	Wastewater
<i>Triunfo Water & Sanitation District</i>	
Bell Canyon Sewer Pipeline Rehabilitation	\$1,028,500
Blackbird and Lindero Canyon Rd. Sewer Mainline Rehabilitation	\$67,000
<i>Triunfo Water & Sanitation District Subtotal</i>	<i>\$1,095,500</i>
<i>Triunfo Water & Sanitation District's Share of Joint Powers Authority</i>	
003 Discharge Point Rehabilitation	\$163,170
Centrate Tank Inspection and Rehabilitation Assessment	\$38,808
Centrifuge Controls Upgrade	\$46,570
Concrete Corrosion/Crack Repair-Tapia	\$14,700
Fire Hardening-JPA Facilities	\$77,616
JPA Condition Assessment and Rehab Planning	\$29,400
JPA Facility Facilities Repair - Woolsey Fire - Reimbursement	(\$23,520)
Malibou Lake Siphon Project	\$386,794
Multi Site Security Assessment and Improvement - JPA	\$30,870
Pure Water Project Las Virgenes-Triunfo	\$1,507,510
Rancho Control Building HVAC Replacement	\$97,020
Rancho Fire Repair-Woolsey Fire-Reimbursement	(\$43,239)
Rancho Las Virgenes New Flare	\$44,100
Rancho Las Virgenes SCADA Improvements	\$251,370
Rancho Reliability Improvements	\$38,808
Rancho: Replace Agitators	\$383,450
SCADA System Communication Upgrades	\$7,277
Tapia Air Line Repair	\$97,020
Tapia Aluminum Sulfate Tank Replacement	\$239,904
Tapia Effluent Pump Station 4160 V Feeder Relocation	\$48,510
Tapia Flow Equalization-Design/Construct	\$132,300
Tapia Secondary Clarifier Rehabilitation	\$249,018
Tapia Water Reclamation Facility Improvements	\$38,808
<i>Triunfo Water & Sanitation District's Share of Joint Powers Authority Subtotal</i>	<i>\$3,856,264</i>
FY 2023 Capital Projects Estimated Total	\$4,951,764

Joint Powers Authority related capital improvement projects are identified and discussed in the attached *Las Virgenes - Triunfo Joint Powers Authority FY2022-23 & FY2023-24 Budget* (Pages 87-157).

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VENTURA REGIONAL SANITATION DISTRICT
1001 PARTRIDGE DRIVE, SUITE 150
VENTURA, CA 93003-0704
805.658.4679

FY23 PROPOSED CUSTOMER BUDGET

Project Number	Account	Quantity	Cost/Price	Extension
221208	<i>Triunfo Sanitation District - BCYN- Maintenance - Preventative</i>			
51010	Wages - Regular			
	Account Total---		\$23,108	
	51010 W/WW Electrical/Mechanical Wkr	72	\$154.00	\$11,088
	51010 W/WW Worker	36	\$142.00	\$5,112
	51010 W/WW Worker	36	\$142.00	\$5,112
	51010 W/WW Operations Supervisor	4	\$161.00	\$644
	51010 Administrative Asst	9	\$128.00	\$1,152
52185	Operating Supplies			
	Account Total---		\$575	
	52185 Misc Operating Materials & Supplies	1	\$575.00	\$575
60595	Fund Transfer Out-VACTOR USE			
	Account Total---		\$3,568	
	60595 Wet Well Cleaning	4	\$892.00	\$3,568
60598	Fund Transfer Out-FLEET			
	Account Total---		\$1,550	
	60598 Fleet Vehicle Mileage	1000	\$1.55	\$1,550
		Project 221208 Total---	\$28,801	
		Total for this report---	\$28,801	

Customer Signature: _____ Date: _____
Approval to Start Project

VRSD Signature: _____ Date: _____
Approval to Start Project



VENTURA REGIONAL SANITATION DISTRICT
1001 PARTRIDGE DRIVE, SUITE 150
VENTURA, CA 93003-0704
805.658.4679

FY23 PROPOSED CUSTOMER BUDGET

Project Number	Account	Quantity	Cost/Price	Extension
221206	<i>Triunfo Sanitation District - WW - Maintenance - Electrical System & Controls</i>			
51010	Wages - Regular	Account Total---	\$36,372	
	51010 Instrumentation Technician	210	\$164.00	\$34,440
	51010 W/WW Operations Supervisor	12	\$161.00	\$1,932
52080	Other Professional Services	Account Total---	\$2,875	
	52080 O/S Professional Services	1	\$2,875.00	\$2,875
52185	Operating Supplies	Account Total---	\$5,750	
	52185 PLC, Pannel, cabinets, computers	1	\$5,750.00	\$5,750
60594	Fund Transfer Out-EQUIPMENT	Account Total---	\$1,000	
	60594	1	\$1,000.00	\$1,000
60598	Fund Transfer Out-FLEET	Account Total---	\$3,100	
	60598 Fleet Vehicle Mileage	2000	\$1.55	\$3,100
		Project 221206 Total---	\$49,097	
		Total for this report---	\$49,097	

Customer Signature: _____ Date: _____
Approval to Start Project

VRSD Signature: _____ Date: _____
Approval to Start Project



VENTURA REGIONAL SANITATION DISTRICT
1001 PARTRIDGE DRIVE, SUITE 150
VENTURA, CA 93003-0704
805.658.4679

FY23 PROPOSED CUSTOMER BUDGET

Project Number	Account	Quantity	Cost/Price	Extension
221204	<i>Triunfo Sanitation District - WW - Maintenance - Preventative</i>			
51010	Wages - Regular			
	Account Total---		\$39,290	
	51010 W/WW Operations Supervisor	4	\$161.00	\$644
	51010 Administrative Asst	18	\$128.00	\$2,304
	51010 W/WW Electrical/Mechanical Wkr	153	\$154.00	\$23,562
	51010 W/WW Worker	45	\$142.00	\$6,390
	51010 W/WW Worker	45	\$142.00	\$6,390
52185	Operating Supplies			
	Account Total---		\$5,750	
	52185 Oil, filters, fuse, breakers and Misc PM materials	1	\$5,750.00	\$5,750
52186	Other Operating Services			
	Account Total---		\$8,625	
	52186 Crane services and CAT service	1	\$8,625.00	\$8,625
60594	Fund Transfer Out-EQUIPMENT			
	Account Total---		\$1,545	
	60594 ISF Equipment	1	\$1,545.00	\$1,545
60595	Fund Transfer Out-VACTOR USE			
	Account Total---		\$3,568	
	60595 Wet Well Cleaning	4	\$892.00	\$3,568
60598	Fund Transfer Out-FLEET			
	Account Total---		\$2,325	
	60598 Fleet Vehicle Mileage	1500	\$1.55	\$2,325
	Project 221204 Total---		\$61,103	

Total for this report--- \$61,103

Customer Signature: _____ Date: _____
Approval to Start Project

VRSD Signature: _____ Date: _____
Approval to Start Project



VENTURA REGIONAL SANITATION DISTRICT
1001 PARTRIDGE DRIVE, SUITE 150
VENTURA, CA 93003-0704
805.658.4679

FY23 PROPOSED CUSTOMER BUDGET

Project Number	Account	Quantity	Cost/Price	Extension
221202	<i>Triunfo Sanitation District - WW - Maintenance - N. Shore Tank</i>			
51010	Wages - Regular	Account Total---	\$20,619	
	51010 W/WW Worker	45	\$142.00	\$6,390
	51010 W/WW Worker	45	\$142.00	\$6,390
	51010 W/WW Operations Supervisor	9	\$161.00	\$1,449
	51010 W/WW Worker	45	\$142.00	\$6,390
52185	Operating Supplies	Account Total---	\$575	
	52185 Operating Supplies	1	\$575.00	\$575
60596	Fund Transfer Out-VACUMN	Account Total---	\$2,435	
	60596 Vacuum Truck	5	\$487.00	\$2,435
60598	Fund Transfer Out-FLEET	Account Total---	\$2,325	
	60598 Mileage	1500	\$1.55	\$2,325
		Project 221202 Total---	\$25,954	
		Total for this report---	\$25,954	

Customer Signature: _____ Date: _____
Approval to Start Project

VRSD Signature: _____ Date: _____
Approval to Start Project



VENTURA REGIONAL SANITATION DISTRICT
1001 PARTRIDGE DRIVE, SUITE 150
VENTURA, CA 93003-0704
805.658.4679

FY23 PROPOSED CUSTOMER BUDGET

Project Number	Account	Quantity	Cost/Price	Extension
221201	<i>Triunfo Sanitation District - WW - Maintenance - Collection System</i>			
51010	Wages - Regular	Account Total---	\$388,300	
	51010 W/WW Operations Supervisor	12	\$161.00	\$1,932
	51010 Administrative Asst Line Cleaning	54	\$128.00	\$6,912
	51010 Administrative Asst HotspotCleaning	18	\$128.00	\$2,304
	51010 W/WW Worker Annual Line Cleaning	561	\$142.00	\$79,662
	51010 W/WW Worker Annual Line Cleaning	561	\$142.00	\$79,662
	51010 W/WW Worker Hotspot Cleaning	221	\$142.00	\$31,382
	51010 W/WW Worker HotSpoy Cleaning	221	\$142.00	\$31,382
	51010 W/WW Worker Annual CCTV	546	\$142.00	\$77,532
	51010 W/WW Worker Annual CCTV	546	\$142.00	\$77,532
52080	Other Professional Services	Account Total---	\$5,750	
	52080 GIS - Collection System Mapping	1	\$5,750.00	\$5,750
52185	Operating Supplies	Account Total---	\$4,600	
	52185 Operating Supplies & Small Tools / Equip	1	\$4,600.00	\$4,600
52186	Other Operating Services	Account Total---	\$11,500	
	52186 Traffic Control Services	1	\$11,500.00	\$11,500
60595	Fund Transfer Out-VACTOR USE	Account Total---	\$72,236	
	60595 Vactor w/Chase	62	\$892.00	\$55,304
	60595 Hydrorodder	20	\$579.00	\$11,580
	60595 Hotspot Cleaning Vactor	6	\$892.00	\$5,352
60597	Fund Transfer Out-TV VAN USE	Account Total---	\$29,707	
	60597 CCTV Inspection Van	61	\$487.00	\$29,707
60598	Fund Transfer Out-FLEET	Account Total---	\$26,350	
	60598 Mileage	15000	\$1.55	\$23,250

60598 Hotspot Cleaning Mileage

2000

\$1.55

\$3,100

Project 221201 Total--- \$538,443

221201E *Triunfo Sanitation District - WW - Maintenance - Collection System - Emergency Callouts*

51040 Wages - Overtime

Account Total--- \$5,283

51040 W/WW Worker Call Out

9

\$213.00

\$1,917

51040 W/WW Worker Call Out

9

\$213.00

\$1,917

51040 W/WW Operations Supervisor Call Out

9

\$161.00

\$1,449

Project 221201E Total--- \$5,283

Total for this report--- \$543,726

Customer Signature: _____ Date: _____

Approval to Start Project

VRSD Signature: _____ Date: _____

Approval to Start Project

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Potable Water

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TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

POTABLE WATER

Description	Actual FY 2020 Yearend	Actual FY 2021 Yearend	Adjusted FY 2022 Budget	Estimated FY 2022 Yearend	Proposed FY 2023 Budget	
Operating revenues:						
Fees, sales	\$ 6,395,205	\$ 7,676,034	\$ 7,273,663	\$ 7,444,441	\$ 4,863,001	[1]
Service charges	1,955,439	2,073,206	2,176,409	2,197,438	2,307,226	[2]
Rental revenue - Cell Towers	181,378	185,751	186,313	196,707	192,352	
Penalty revenue	68,436	(171)	84,829	118,885	118,885	
Other revenue	(12,634)	18,248	11,903	7,953	(3,098)	[3]
Total operating revenues	8,587,823	9,953,068	9,733,116	9,965,424	7,478,367	
Operating expenses:						
Salary & Employee Benefits	-	-	-	-	522,571	[4]
Potable water purchase	3,436,768	3,864,442	3,641,762	3,605,999	2,387,975	[5]
VRSD contract services - Operations	1,589,872.88	1,717,312	1,720,187	1,597,311	150,122	[6]
VRSD contract services - Administration	397,581	376,601	-	-	-	
Professional services	94,586	33,113	67,195	(87,131)	665,728	[7]
Insurance	23,274	24,504	24,323	23,254	24,519	[8]
Board member fees and reimbursable expenses	151	-	-	-	2,133	[9]
Membership and dues	24,935	26,490	30,905	31,607	30,905	[10]
Conference and seminars	8,674	(800)	11,457	3,640	11,457	[11]
Management and administrative	1,012	1,105	3,312	28,610	582,257	[12]
Utilities	99,133	105,702	111,294	110,999	113,000	[13]
Bank service charges	55,997	59,167	55,890	66,455	67,000	[14]
Permits, licenses and fees	35,485	46,615	39,697	48,990	50,000	[15]
Total operating expenses	5,767,469	6,254,250	5,706,022	5,429,732	4,607,667	
Operating income(loss) before depreciation	2,820,354	3,698,818	4,027,095	4,535,692	2,870,700	
Depreciation and amortization	763,240	687,169	697,620	685,249	686,222	
Operating income(loss)	2,057,115	3,011,649	3,329,475	3,850,443	2,184,478	
Non-operating revenues(expenses):						
Interest and investment earnings	15,242	3,489	12,825	1,639	-	
Gain(loss) on sales and/or disposals of assets	-	-	-	-	-	
Debt service interest expense	(302,144)	(278,927)	(264,682)	(264,682)	(100,619)	[16]
Overhead cost allocation	(509,499)	(671,170)	(760,208)	(760,208)	(823,969)	[17]
Other, net	-	-	-	-	-	
Total non-operating revenues(expenses)	(796,401)	(946,608)	(1,012,065)	(1,023,251)	(924,588)	
Change in net assets before capital expenses	\$ 1,260,713	\$ 2,065,041	\$ 2,317,410	\$ 2,827,192	\$ 1,259,890	
Capital expenses	-	-	155,625	155,625	-	
Capital expenses - contra	-	-	-	-	-	
Capital expenses, net	-	-	155,625	155,625	-	
Change in net assets	\$ 1,260,713	\$ 2,065,041	\$ 2,161,785	\$ 2,671,567	\$ 1,259,890	

TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

POTABLE WATER

COMMENTS

- [1] Estimated potable water sales for FY2023 include increases proposed to go into effect on July 1, 2022, in accordance with Ordinance No. TWSD-350, and pass through increases set to go into effect on January 1, 2023, in accordance with potable water purchase rate increases from Calleguas Municipal Water District:

	July to December					January to June				
	Tier	Acre Feet	HCF	\$/HCF	Extension	Tier	Acre Feet	HCF	\$/HCF	Extension
FY2023	Tier 1	198.54	86,484	\$7.90	\$ 683,224	Tier 1	197.24	85,919	\$8.06	\$ 692,507
Proposed	Tier 2	350.67	152,750	\$8.92	\$ 1,362,530	Tier 2	296.27	129,056	\$9.08	\$ 1,171,828
Budget	Tier 3	121.72	53,023	\$10.86	\$ 575,830	Tier 3	78.55	34,218	\$11.02	\$ 377,082
	Total	670.93	292,257		\$ 2,621,583	Total	572.07	249,193		\$ 2,241,418

	July to December					January to June				
	Tier	Acre Feet	HCF	\$/HCF	Extension	Tier	Acre Feet	HCF	\$/HCF	Extension
FY2022	Tier 1	319.45	139,153	\$7.34	\$ 1,021,383	Tier 1	317.37	138,245	\$7.47	\$ 1,032,690
Adopted	Tier 2	564.23	245,777	\$8.30	\$ 2,039,949	Tier 2	476.71	207,653	\$8.43	\$ 1,750,515
Budget	Tier 3	195.86	85,315	\$10.13	\$ 864,241	Tier 3	126.39	55,057	\$10.26	\$ 564,885
	Total	1,079.53	470,245		\$ 3,925,573	Total	920.47	400,955		\$ 3,348,090

- [2] Potable water meter service charges are summarized in the following table:

Meter Size	Adopted FY2023 Budget			Adopted FY2022 Budget		
	Monthly Charge	Number of Meters	Extension	Monthly Charge	Number of Meters	Extension
3/4"	\$ 35.44	4273	\$ 1,817,221.44	\$ 33.43	4273	\$ 1,714,156.68
1"	\$ 55.92	58	\$ 38,920.32	\$ 52.75	58	\$ 36,714.00
1.5"	\$ 106.44	18	\$ 22,991.04	\$ 100.41	18	\$ 21,688.56
2"	\$ 166.33	194	\$ 387,216.24	\$ 156.91	194	\$ 365,286.48
3"	\$ 355.94	6	\$ 25,627.68	\$ 335.79	6	\$ 24,176.88
4"	\$ 635.39	2	\$ 15,249.36	\$ 599.42	2	\$ 14,386.08
6"	\$1,403.88	0	\$ -	\$ 1,324.41	0	\$ -
		4551	\$ 2,307,226.08		4551	\$ 2,176,408.68

- [3] Other FY2023 revenue includes start fees (\$9.3K), NSF fees (\$2.6K), and low income \$15/month reduction on monthly billing.

- [4] Salary & Employee benefits represent 40% of the total cost from the Operations employees (\$522.6K).

- [5] Estimated water purchase from Calleguas Municipal Water District:

Item	Adopted FY 2023 Budget			Adopted FY 2022 Budget		
	Quantity **	Cost	Extension	Quantity **	Cost	Extension
Water purchased (July-Dec)	684.35 acre feet	\$ 1,561	\$ 1,068,270	1,101.12 acre feet	\$ 1,507	\$ 1,659,388
Water purchased (Jan-June)	583.51 acre feet	\$ 1,632	\$ 952,288	938.87 acre feet	\$ 1,561	\$ 1,465,576
Pumping charges	1,267.86 acre feet	\$ 107.91	\$ 136,815	2,039.99 acre feet	\$ 98.10	\$ 200,123
Capacity Reservation Charge (July-Dec)	684.35 acre feet	\$ 85.66	\$ 58,621	1,101.12 acre feet	\$ 76.30	\$ 84,015
Capacity Reservation Charge (Jan-June)	583.51 acre feet	\$ 94.26	\$ 55,002	938.87 acre feet	\$ 82.62	\$ 77,569
Ready to Serve Charge (July-Dec)	684.35 acre feet	\$ 76.43	\$ 52,305	1,101.12 acre feet	\$ 72.78	\$ 80,140
Ready to Serve Charge (Jan-June)	583.51 acre feet	\$ 99.38	\$ 57,989	938.87 acre feet	\$ 72.44	\$ 68,012
Flow penalties	12 months	\$ 500	\$ 6,000	12 months	\$ 500	\$ 6,000
Total			\$ 2,387,291			\$ 3,640,823

- [6] For a detailed breakdown of VRSD Contract Services within each project, please see pages 158-160.

- [7] FY2023 Professional Services includes \$25.9K for an as-needed engineering consultant, remaining VRSD FY2022 labor budget (\$639.9.1K).

- [8] AMI Insurance for the B of A Loan

Conversion Chart - Water Equivalents
1 unit = 100 cubic feet [CF] = 1 HCF = 748.05 gallons
1 acre feet [AF] = 435.60 units = 325,851 gallons

TRIUNFO WATER & SANITATION DISTRICT
FISCAL YEAR 2023 BUDGET SUMMARY
POTABLE WATER

COMMENTS

- [9] Days of service for TWSD Board members to attend the ACWA.
- [10] Membership and Dues include of ACWA, CUWCC, AWA (VC), and CRWA. For a detailed breakdown, please see page 35.
- [11] Conference and Seminars include ACWA. For a detailed breakdown, please see page 34.
- [12] Water Conservation Rebates
- [13] Utilities are comprised of water, electricity, and telephone services, including a toll-free 800 telephone number.
- [14] Paymentus credit card service fees.
- [15] Significant Permits, Licenses, & Fees for FY2023 includes \$23.8K for SWRCB, Encroachment, and EHD, and \$26.2K for other miscellaneous permits.
- [16] For a detailed breakdown of debt service, please see page 43.
- [17] Overhead cost allocation is the Potable Water Division's share of TWSD's own administrative overhead.

Conversion Chart - Water Equivalents
1 unit = 100 cubic feet [CF] = 1 HCF = 748.05 gallons
1 acre feet [AF] = 435.60 units = 325,851 gallons

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VENTURA REGIONAL SANITATION DISTRICT
1001 PARTRIDGE DRIVE, SUITE 150
VENTURA, CA 93003-0704
805.658.4679

FY23 PROPOSED CUSTOMER BUDGET

Project Number	Account	Quantity	Cost/Price	Extension
222202	<i>Triunfo Sanitation District - PW - Maintenance - Electrical System & Controls</i>			
51010	Wages - Regular			
	Account Total---		\$36,372	
	51010 W/WW Operations Supervisor	12	\$161.00	\$1,932
	51010 Instrumentation Technician	210	\$164.00	\$34,440
52080	Other Professional Services			
	Account Total---		\$2,875	
	52080 O/S Professional Services	1	\$2,875.00	\$2,875
52185	Operating Supplies			
	Account Total---		\$5,750	
	52185 Electrical Supplies	1	\$5,750.00	\$5,750
60598	Fund Transfer Out-FLEET			
	Account Total---		\$1,550	
	60598 Mileage	1000	\$1.55	\$1,550
		Project 222202 Total---	\$46,547	
		Total for this report---	\$46,547	

Customer Signature: _____ Date: _____
Approval to Start Project

VRSD Signature: _____ Date: _____
Approval to Start Project



VENTURA REGIONAL SANITATION DISTRICT
1001 PARTRIDGE DRIVE, SUITE 150
VENTURA, CA 93003-0704
805.658.4679

FY23 PROPOSED CUSTOMER BUDGET

Project Number	Account	Quantity	Cost/Price	Extension
222201	<i>Triunfo Sanitation District - PW - Maintenance - Preventative</i>			
51010	Wages - Regular			
	Account Total---		\$89,750	
	51010 Administrative Asst	52	\$128.00	\$6,656
	51010 W/WW Operations Supervisor	12	\$161.00	\$1,932
	51010 W/WW Electrical/Mechanical Wkr	297	\$154.00	\$45,738
	51010 Instrumentation Technician	216	\$164.00	\$35,424
52185	Operating Supplies			
	Account Total---		\$11,500	
	52185 Supplies and Lindero pump #1 rebuild	1	\$11,500.00	\$11,500
60598	Fund Transfer Out-FLEET			
	Account Total---		\$2,325	
	60598 Fleet Vehicle Mileage	1500	\$1.55	\$2,325
		Project 222201 Total---	\$103,575	
		Total for this report---	\$103,575	

Customer Signature: _____ Date: _____

Approval to Start Project

VRSD Signature: _____ Date: _____

Approval to Start Project

Recycled Water

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TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

RECYCLED WATER

Description	Actual FY 2020 Yearend	Actual FY 2021 Yearend	Adjusted FY 2022 Budget	Estimated FY 2022 Yearend	Proposed FY 2023 Budget	
Operating revenues:						
Fees, sales	\$ 2,208,635	\$ 2,745,232	\$ 3,005,604	\$ 2,305,750	\$ 3,173,244	[1]
Service charges	222,189	223,216	214,457	253,534	218,747	[2]
Rental revenue - Cell Towers	-	-	-	-	-	
Penalty revenue	3,514	-	-	12,152	12,152	
Other revenue	25,001	-	-	-	-	
Total operating revenues	2,459,339	2,968,448	3,220,061	2,571,436	3,404,143	
Operating expenses:						
Salary & Employee Benefits	-	-	-	-	104,514	[3]
Recycled water purchase	597,313	646,629	679,082	563,630	848,157	[4]
VRSD contract services - Operations	161,298	123,785	198,355	174,732	62,971	[5]
VRSD contract services - Administration	14,505	16,610	-	-	-	
Professional services	38,602	7,332	-	3,256	45,219	[6]
Insurance	26,840	26,817	27,816	26,818	31,207	[7]
Board member fees and reimbursable expenses	-	-	-	-	-	
Membership and dues	1,070	1,070	1,035	1,505	1,035	[8]
Conference and seminars	1,949	-	-	-	-	
Management and administrative	-	-	-	1,062	51,496	[9]
Utilities	54,223	66,893	54,338	62,780	54,338	[10]
Bank service charges	-	-	-	-	-	
Permits, licenses and fees	2,009	782	-	-	-	
Total operating expenses	897,808	889,918	960,625	833,783	1,198,936	
Operating income(loss) before depreciation	1,561,531	2,078,530	2,259,436	1,737,653	2,205,207	
Depreciation and amortization	394,199	394,199	394,199	394,199	394,199	
Operating income(loss)	1,167,332	1,684,330	1,865,237	1,343,454	1,811,008	
Non-operating revenues(expenses):						
Interest and investment earnings	-	-	-	-	-	
Gain(loss) on sales and/or disposals of assets	-	-	-	-	-	
Debt service interest expense	(304,129)	(282,047)	(269,692)	(269,692)	(236,827)	[11]
Overhead cost allocation	(178,649)	(234,909)	(267,100)	(267,100)	(346,706)	[12]
Other, net	-	-	-	-	-	
Total non-operating revenues(expenses)	(482,778)	(516,957)	(536,792)	(536,792)	(583,533)	
Change in net assets before capital expenses	\$ 684,554	\$ 1,167,374	\$ 1,328,445	\$ 806,662	\$ 1,227,474	
Capital expenses	-	-	-	-	62,313	[13]
Capital expenses - contra	-	-	-	-	-	
Capital expenses, net	-	-	-	-	62,313	
Change in net assets	\$ 684,554	\$ 1,167,374	\$ 1,328,445	\$ 806,662	\$ 1,165,161	

TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

RECYCLED WATER

COMMENTS

- [1] Estimated recycled water sales for FY2023 include increases proposed to go into effect on July 1, 2022, in accordance with Ordinance No. TSD-450, and increases set to go into effect on January 1, 2023, in accordance with percentage increase to the Calleguas Municipal Water District's wholesale supply rate for potable water:

Estimated TWSD Wholesale Sales in Acre Feet [AF]								
Wholesale	Adopted FY 2023 Budget				Adopted FY 2022 Budget			
	AF	HCF	\$/AF	Extension	AF	HCF	\$/AF	Extension
Jul-Dec	293.57	127,879	\$1,248.80	\$366,610	293.57	127,879	\$1,205.60	\$353,928
Jan-Jun	192.87	84,014	\$1,305.60	\$251,811	192.87	84,014	\$1,248.80	\$240,856
Total	486.44	211,893		\$618,421	486.44	211,893		\$594,784

Estimated TSD Retail Sales [HCF] to Oak Park and Lake Sherwood								
Retail	Adopted FY 2023 Budget				Adopted FY 2022 Budget			
	AF	HCF	\$/HCF	Extension	AF	HCF	\$/HCF	Extension
Jul-Dec	601.74	262,120	\$5.81	\$1,522,917	601.74	262,120	\$5.50	\$1,441,660
Jan-Jun	390.27	170,001	\$6.07	\$1,031,906	390.27	170,001	\$5.70	\$969,006
Total	992.01	432,121		\$2,554,823	992.01	432,121		\$2,410,666

- [2] Recycled Water Meter Service Charges:

Meter Size	Adopted FY2023 Budget				Adopted FY2022 Budget			
	Monthly Charge	Number of Meters	Extension		Monthly Charge	Number of Meters	Extension	
2"	\$ 160.61	91	\$ 175,386.12		\$ 157.46	91	\$ 171,946.32	
3"	\$ 301.13	2	\$ 7,227.12		\$ 295.22	2	\$ 7,085.28	
4"	\$ 501.88	4	\$ 24,090.24		\$ 492.03	4	\$ 23,617.44	
6"	\$ 1,003.66	1	\$ 12,043.92		\$ 983.98	1	\$ 11,807.76	
		98	\$ 218,747.40			98	\$ 214,456.80	

- [3] Salary & Employee benefits represent 10% of the total cost from the Operations employees (\$104.5K).

- [4] Recycled Water Purchase:

Estimated Acre Feet (AF) Purchase from JPA						
	Adopted FY 2023 Budget				Adopted FY 2022 Budget	
	AF	\$/AF	Extension		AF	\$/AF
Jul-Dec	904.95	\$570.32	\$516,111.08		904.95	\$456.63
Jan-Jun	582.21	\$570.32	\$332,046.01		582.21	\$456.63
Total (AF)	1,487.16		\$848,157.09		1,487.16	
						\$679,081.87

- [5] For a detailed breakdown of VRSD Contract Services within each project, please see pages 158-160.

- [6] Professional Services includes remaining VRSD FY2022 labor budget (\$45.2K).

- [7] Insurance includes \$28.4K for the Recycled Water system and \$2.8K for the AMI system.

- [8] Memberships and Dues consists of WateReuse.

- [9] Management & Administrative includes remaining VRSD FY2022 supplies and vehicles budget (\$49.5K) and Aqua Metric annual support fee \$2.0K).

- [10] Electricity related to Pumping.

- [11] For a detailed breakdown of debt service, please see page 43.

- [12] Overhead cost allocation is the Recycled Water Division's share of TWSD's own administrative overhead.

Conversion Chart - Water Equivalents
1 unit = 100 cubic feet [CF] = 1 HCF = 748.05 gallons
1 acre feet [AF] = 435.60 units = 325,851 gallons

TRIUNFO WATER & SANITATION DISTRICT
FISCAL YEAR 2023 BUDGET SUMMARY
RECYCLED WATER

[13]

Summary of FY 2023 Capital Projects	
Description	Recycled Water
<i>Triunfo Water & Sanitation District's Share of Joint Powers Authority</i>	
Recycled Water Pump Station Battery Energy Storage System (BESS)	\$406,293
Offset of IIP #20174 - RWPS Battery Energy Storage System	(\$343,980)
<i>Triunfo Water & Sanitation District's Share of Joint Powers Authority Subtotal</i>	<i>\$62,313</i>
FY 2023 Capital Projects Estimated Total	\$62,313

Conversion Chart - Water Equivalents
1 unit = 100 cubic feet [CF] = 1 HCF = 748.05 gallons
1 acre feet [AF] = 435.60 units = 325,851 gallons

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VENTURA REGIONAL SANITATION DISTRICT
1001 PARTRIDGE DRIVE, SUITE 150
VENTURA, CA 93003-0704
805.658.4679

FY23 PROPOSED CUSTOMER BUDGET

Project Number	Account	Quantity	Cost/Price	Extension
223200 Triunfo Sanitation District - RW - Maintenance				
51010	Wages - Regular	Account Total---	\$33,008	
	51010 W/WW Operations Supervisor	4	\$161.00	\$644
	51010 W/WW Electrical/Mechanical Wkr	126	\$154.00	\$19,404
	51010 Instrumentation Technician	72	\$164.00	\$11,808
	51010 Administrative Asst	9	\$128.00	\$1,152
52080	Other Professional Services	Account Total---	\$2,875	
	52080 O/S Professional Services	1	\$2,875.00	\$2,875
52185	Operating Supplies	Account Total---	\$11,500	
	52185 Oils, misc repair parts	1	\$11,500.00	\$11,500
60594	Fund Transfer Out-EQUIPMENT	Account Total---	\$2,000	
	60594 Special tools and equipment	1	\$2,000.00	\$2,000
60598	Fund Transfer Out-FLEET	Account Total---	\$1,550	
	60598 Mileage	1000	\$1.55	\$1,550
		Project 223200 Total---	\$50,933	
		Total for this report---	\$50,933	

Customer Signature: _____ Date: _____
Approval to Start Project

VRSD Signature: _____ Date: _____
Approval to Start Project



VENTURA REGIONAL SANITATION DISTRICT
1001 PARTRIDGE DRIVE, SUITE 150
VENTURA, CA 93003-0704
805.658.4679

FY23 PROPOSED CUSTOMER BUDGET

Project Number	Account		Quantity	Cost/Price	Extension
223201	<i>Triunfo Sanitation District - RW - SCADA</i>				
51010	Wages - Regular	Account Total---		\$8,838	
	51010 W/WW Operations Supervisor		6	\$161.00	\$966
	51010 Instrumentation Technician		48	\$164.00	\$7,872
52185	Operating Supplies	Account Total---		\$1,150	
	52185		1	\$1,150.00	\$1,150
60594	Fund Transfer Out-EQUIPMENT	Account Total---		\$500	
	60594 Small Tools and equipment		1	\$500.00	\$500
60598	Fund Transfer Out-FLEET	Account Total---		\$1,550	
	60598 Mileage		1000	\$1.55	\$1,550
Project 223201 Total---				\$12,038	
Total for this report---				\$12,038	

Customer Signature: _____ Date: _____
Approval to Start Project

VRSD Signature: _____ Date: _____
Approval to Start Project

Supplemental Information

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TRIUNFO WATER & SANITATION DISTRICT

Salary & Employee Benefits Detail - Fiscal Year 2022-23

Position	Wages	Auto Allowance	FICA/ Medicare	STD/ LTD	Life Insurance	Medical Coverage	401(a) Retirement Plan	Total
Accountant	98,800		9,184	896	304	22,488	16,302	147,974
Accounting Assistant	66,226		5,090	896	304	22,488	10,927	105,931
Accounting Technician	200,788		18,826	2,687	913	67,464	33,130	323,808
Administrative Program Manager	81,505		7,119	896	304	11,244	13,448	114,516
Clerk of the Board	102,341		8,589	896	304	22,488	16,886	151,504
Director of Finance	212,232	4,800	12,569	896	304	22,488	35,018	288,307
Engineering Program Manager	150,107	4,800	11,353	896	304	22,488	24,768	214,716
Environmental Resources Analyst	98,800		7,581	896	304	22,488	16,302	146,371
General Manager	257,967	4,800	13,232	896	304	22,488	42,565	342,252
Operations Manager	179,851	4,800	11,799	896	304	22,488	29,675	249,813
WWW Operations Supervisor	108,937		8,357	896	304	22,488	17,975	158,956
WWW Worker Meter Maint/Reader	150,103		11,529	1,792	608	44,976	24,767	233,775
WWW Worker-Distribution	168,186		12,913	1,792	608	44,976	27,751	256,225
Public Information Officer	89,829		6,895	896	304	22,488	14,822	135,234
Grand Total	\$ 1,965,673	\$ 19,200	\$ 145,037	\$ 16,124	\$ 5,476	\$ 393,540	\$ 324,336	\$ 2,869,385

TRIUNFO WATER & SANITATION DISTRICT

Staffing Summary - Fiscal Year 2022-23

Administration & Finance	Full-Time Equivalent Positions				
	FY 2021-2022			FY 2022-2023	
	Allocations	Mid Year Adjustments	Amended	Additions/ Deletions	Allocations
Accountant	1.00	0.00	1.00	0.00	1.00
Accounting Assistant	0.00	0.00	0.00	1.00	1.00
Accounting Technician	3.00	0.00	3.00	0.00	3.00
Administrative Program Manager	0.50	0.00	0.50	0.00	0.50
Clerk of the Board	0.50	0.25	0.75	0.00	0.75
Director of Finance	0.75	0.25	1.00	0.00	1.00
Engineering Program Manager	0.75	0.00	0.75	0.00	0.75
Environmental Resources Analyst	0.00	0.00	0.00	1.00	1.00
General Manager	1.00	0.00	1.00	0.00	1.00
Operations Manager	0.00	0.00	0.00	1.00	1.00
Public Information Officer	0.00	0.00	0.00	0.75	0.75
WWW Operations Supervisor	0.00	0.00	0.00	1.00	1.00
WWW Worker-Distribution	0.00	0.00	0.00	2.00	2.00
WWW Worker-Meter Maint/Reader	0.00	0.00	0.00	2.00	2.00
TOTAL ALLOCATIONS	7.50	0.50	8.00	8.75	16.75

TRIUNFO WATER & SANITATION DISTRICT

CLASSIFICATION PLAN - Fiscal Year 2022-23

[Salary ranges and annual salaries are subject to change]

Administration & Finance	Full-Time Equivalent Positions					* Approximate Annual Salary	
	FY 2021-2022			FY 2022-2023			
	Allocations	Mid Year Adjustments	Amended	Additions/ Deletions	Allocations		
Accountant	1.00	0.00	1.00	0.00	1.00	\$75,791 -	\$98,529
Accounting Assistant	0.00	0.00	0.00	1.00	1.00	\$51,299 -	\$66,688
Accounting Technician	3.00	0.00	3.00	0.00	3.00	\$62,354 -	\$81,060
Administrative Program Manager	0.50	0.00	0.50	0.00	0.50	\$106,240 -	\$149,252
Clerk of the Board	0.50	0.25	0.75	0.00	0.75	\$101,568 -	\$132,038
Director of Finance	0.75	0.25	1.00	0.00	1.00	\$156,965	\$204,055
Engineering Program Manager	0.75	0.00	0.75	0.00	0.75	\$135,592 -	\$180,408
Environmental Resources Analyst	0.00	0.00	0.00	1.00	1.00	\$75,791 -	\$98,529
General Manager	1.00	0.00	1.00	0.00	1.00	\$190,791 -	\$248,030
Operations Manager	0.00	0.00	0.00	1.00	1.00	\$130,629 -	\$168,518
Public Information Officer	0.00	0.00	0.00	0.75	0.75	\$111,979 -	\$145,572
WWW Operations Supervisor	0.00	0.00	0.00	1.00	1.00	\$83,560 -	\$108,628
WWW Worker-Distribution	0.00	0.00	0.00	2.00	2.00	\$72,182 -	\$93,837
WWW Worker-Meter Maint/Reader	0.00	0.00	0.00	2.00	2.00	\$72,182 -	\$93,837
TOTAL ALLOCATIONS	7.50	0.50	8.00	8.75	16.75		

*Approximate Annual Salary is based on 2,080 hours.

TRIUNFO WATER & SANITATION DISTRICT
Board Member Fees & Expenses Included in FY2022-23 Budget

Description		Admin	Wastewater	Potable Water	Total
Board Member Expenses					
	Misc. Board Member Expense	1,800			1,800
Board Member Expenses Total		1,800			1,800
Board Member Fees					
	ACWA: 3 days of service			1,980	1,980
	CASA Attendance (3 conferences, 4 days each)		7,920		7,920
	CSDA Attendance (1 Conference, 3 Days)	1,320			1,320
	Days of service for committees and training	16,500			16,500
	DC Lobbying (6 Days)		3,960		3,960
	Elected 12*2*\$220 TWSD & JPA	26,400			26,400
	Water Re-use attendance	1,100			1,100
Board Member Fees Total		45,320	11,880	1,980	59,180
District Portion - Other Board Member Benefits					
	Elected benefit cost/medicare/fica deferred	4,284	918	153	5,355
District Portion - Other Board Member Benefits Total		4,284	918	153	5,355
Grand Total		51,404	12,798	2,133	66,335

TRIUNFO WATER & SANITATION DISTRICT

Conference & Seminars

Expense/Description	Wastewater	Potable Water	Central Admin	Total
Conference and seminars	9,481	11,457	29,180	50,118
ACWA Conference Registration: 3 Members x 2 Events @ \$695/Event		4,316		4,316
ACWA Extra Event: 3 members x 1 Event @ \$200/Event		621		621
ACWA Lodging: 3 Members x 2 Events x 3 Nights @\$220/night		4,099		4,099
ACWA Mileage: 3 Members x 2 Events		435		435
ACWA Per Diem: 3 Members x 2 Events x 4 Days @ \$80/Day		1,987		1,987
CASA Lodging: 3 Members x 3 Nights x 3 Events			6,148	6,148
CASA Mileage: 3 Members x Events			1,136	1,136
CASA Per Diem: 3 Members x 3 Events x 4 Days @ \$80/Day			2,981	2,981
CASA Registration: 3 Members x 3 Events @ \$475/Event			4,425	4,425
CSDA Conference Registration: 2 Members x 1 Event @ \$750/Event	1,553			1,553
CSDA Lodging: 2 Members x 1 Event x 3 Nights @ \$220/Night	1,366			1,366
CSDA Mileage: 2 Members x 1 Event	725			725
CSDA Per Diem: 2 Members x 1 Event x 4 Days @ \$80/Day	662			662
DC Lobbying Lodging: 3 Members & GM x 5 Nights			9,315	9,315
DC Lobbying Per Diem: 3 Members & GM x 5 Days			1,656	1,656
DC Lobbying Transportation: 3 Members & GM			3,519	3,519
TBD: Conference registration: 5 events @ \$1,000/event	5,175			5,175
Grand Total	9,481	11,457	29,180	50,118

TRIUNFO WATER & SANITATION DISTRICT

Membership & Dues Included in FY2022-23 Budget

Expense/Description	Admin	Potable Water	Recycled Water	Wastewater	Total
Membership and Dues	16,268	30,905	1,035	14,500	62,708
ACWA membership		23,510			23,510
AWA Annual Membership		3,416			3,416
CASA Dues				14,500	14,500
CRWA (Cal Rural Water Assoc) Membership Dues		1,242			1,242
CSDA Membership Dues	8,195				8,195
CUWCC Membership Dues (Water Conservation)		2,738			2,738
GFOA (\$160)/CSMFO (\$110)/ COA Review (\$460)	1,000				1,000
Greater Conejo Chamber of Commerce	300				300
Liebert, Cassidy, & Whitmore	4,500				4,500
Miscellaneous Membership Dues	1,118				1,118
VCSDA Dues	155				155
Water Re-use dues			1,035		1,035
Zoom Videos and Communications	1,000				1,000
Grand Total	16,268	30,905	1,035	14,500	62,708

TRIUNFO WATER & SANITATION DISTRICT

Professional Services Included in FY2022-23 Budget

Expense/Description	Wastewater	Potable Water	Recycled Water	Central Admin	Total
Accounting and Auditing Services				32,010	32,010
JV Audit - TWSD Share				5,175	5,175
TSD Audit: RAMS (Extra Work)				4,860	4,860
TWSD Audit: RAMS				21,975	21,975
Attorney Services				72,500	72,500
Baseline Legal (does not include Capital programs)				72,500	72,500
Information Technology Services				36,800	36,800
FTI IT Maint. Services				16,800	16,800
Info Tech Svcs including labor & IT minor equip as needed (FTI)				20,000	20,000
IT/Software Maint./Support				17,497	17,497
GP Diamond Software Annual Fee				7,497	7,497
GP-Diamond software consultant				10,000	10,000
Marketing and Advertising				2,277	2,277
Oak Park High School				414	414
Other				621	621
Rotary Club				1,242	1,242
Outside Contracted Services	25,000	25,875		87,198	138,073
As-Needed Engineering Consultant	25,000	25,875			50,875
County Assessor Data File				920	920
Debra West				10,000	10,000
Hosting/Software Maintenance				1,500	1,500
Paychex				15,210	15,210
Searle PIO				50,000	50,000
Videographer at TSD board mtg				9,568	9,568
Professional Services	537,109	639,853	45,219		1,222,181
FY23 Estimated budget-coming from the VRSD FY22 Contract	537,109	639,853	45,219		1,222,181
Grand Total	562,109	665,728	45,219	248,282	1,521,338

TRIUNFO WATER & SANITATION DISTRICT

Management & Administrative Expenses

Expense/Description	Wastewater	Potable Water	Recycled Water	Central Admin	Total
Building Lease Rentals				86,868	86,868
1001 Partridge, Suite 100 Lease (Aug only-July pd in advance)				8,098	8,098
370 N. Westlake (\$15754/mo (Feb-Jun 2023, Jan pre-paid in FY222)				78,770	78,770
Computer Software				5,850	5,850
Debt Book-Implementation & Subscription GASB 87				5,850	5,850
Equipment Maintenance				2,300	2,300
Check scanner annual maint & Software license				2,000	2,000
Misc. maintenance				300	300
General Administrative Expense		82,400		8,500	90,900
Document Processing		1,500			1,500
General Admin Expenses		1,500			1,500
Mail Manager - CAFR Printing					-
Mail Mgr Billing & Postage		52,200			52,200
Offsite storage (Access)				1,500	1,500
Postage		25,000			25,000
Postage for Annual Water Report		2,200			2,200
Printing usage/maintenance				5,000	5,000
Readyfresh water service				1,000	1,000
Shipping				500	500
Shredding service				500	500
IT Services Agreements		85,238	1,980		87,218
Aqua-Metric Annual Support/Fee (2.27% based on # of customers-ACFR)			1,980		1,980
Aqua-Metric Annual Support/Fee (97.73% based on # of customers-ACFR)		85,238			85,238
Misc Payments	40,000	3,312		21,000	64,312
Biennial Election (FY2023)				21,000	21,000
Tax Collector's Fee for WW Segment (Tax Rolls) (~\$14.6M @ 0.25%'	40,000				40,000
Water Conservation Rebates		3,312			3,312
Office Supplies				3,350	3,350
Office supplies				3,350	3,350
Operating Supplies	299,658	317,361	47,091		664,111
FY23 Estimated budget-coming from the VRSD FY22 Contract	299,658	317,361	47,091		664,111
Postage	5,000				5,000
Postage	5,000				5,000
Printing & Binding	5,000	36,500			41,500
Printing & Binding	5,000	30,000			35,000
Printing-billing inserts		6,500			6,500
Rents & Leases Equipment				8,500	8,500
Common Equipment/copiers/servers				6,500	6,500
Postage meter lease				2,000	2,000
Vehicles	159,362	57,445	2,425		219,232
FY23 Estimated budget-coming from the VRSD FY22 Contract	159,362	57,445	2,425		219,232
Grand Total	509,021	582,257	51,496	136,368	1,279,141

TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

CAPITAL EXPENSES

COMMENTS

Joint Powers Authority related capital improvement projects are identified and discussed in the attached *Las Virgenes - Triunfo Joint Powers Authority FY 2023/2024 Infrastructure Investment Plan* (Pages 87-157).

Summary of FY 2023 Capital Projects				
Description	Administration	Wastewater	Potable Water	Recycled Water
<i>Triunfo Water & Sanitation District</i>				
Truck-Operations Manager	\$50,000			
Office Furniture	\$62,500			
Board Room Dais	\$65,000			
IPAD's (5) - Operations Employees	\$15,000			
IT labor, cabling, equipment/computer purchase and installation	\$50,000			
<i>Triunfo Water & Sanitation District Subtotal</i>	<i>\$242,500</i>	<i>\$1,095,500</i>	<i>\$0</i>	<i>\$0</i>
<i>Triunfo Water & Sanitation District's Share of Joint Powers Authority</i>				
003 Discharge Point Rehabilitation		\$163,170		
Centrate Tank Inspection and Rehabilitation Assessment		\$38,808		
Centrifuge Controls Upgrade		\$46,570		
Concrete Corrosion/Crack Repair-Tapia		\$14,700		
Fire Hardening-JPA Facilities		\$77,616		
JPA Condition Assessment and Rehab Planning		\$29,400		
JPA Facility Facilities Repair - Woolsey Fire - Reimbursement		(\$23,520)		
Malibou Lake Siphon Project		\$386,794		
Multi Site Security Assessment and Improvement - JPA		\$30,870		
Pure Water Project Las Virgenes-Triunfo		\$1,507,510		
Rancho Control Building HVAC Replacement		\$97,020		
Rancho Fire Repair-Woolsey Fire-Reimbursement		(\$43,239)		
Rancho Las Virgenes New Flare		\$44,100		
Rancho Las Virgenes SCADA Improvements		\$251,370		
Rancho Reliability Improvements		\$38,808		
Rancho: Replace Agitators		\$383,450		
Recycled Water Pump Station Battery Energy Storage System (BESS)				\$406,293
Offset of IIP #20174 - RWPS Battery Energy Storage System				(\$343,980)
SCADA System Communication Upgrades		\$7,277		
Tapia Air Line Repair		\$97,020		
Tapia Aluminum Sulfate Tank Replacement		\$239,904		
Tapia Effluent Pump Station 4160 V Feeder Relocation		\$48,510		
Tapia Flow Equalization-Design/Construct		\$132,300		
Tapia Secondary Clarifier Rehabilitation		\$249,018		
Tapia Water Reclamation Facility Improvements		\$38,808		
<i>Triunfo Water & Sanitation District's Share of Joint Powers Authority Subtotal</i>	<i>\$0</i>	<i>\$3,856,264</i>	<i>\$0</i>	<i>\$62,313</i>
FY 2023 Capital Projects Estimated Total	\$242,500	\$4,951,764	\$0	\$62,313

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Providing Outstanding Service Since 1963

Board of Directors

James Wall, Chair

Raymond Tjulander, Vice Chair

Janna Orkney, Director

Leon Shapiro, Director

Vacant, Director

2.0 Reserve Level Policy

Revised: 01/27/2020

Reserve Level Policy

PURPOSE

Triunfo Water & Sanitation District (District) is an enterprise public agency, providing sewer, potable water, and reclaimed water to its customers. The District recovers its cost of providing these services through fees and charges. The District requires adequate reserves to ensure the District maintains a prudent level of financial resources to cyclical variations in revenues and expenses and to protect against reducing service to withstand economic downturns, protect against catastrophic events, unforeseen revenue declines, short-term capital improvements, and operating cash flow needs.

POLICY

It is the policy of the District that all funds held in reserve be designated to specific uses, and to take into consideration the minimum level necessary to maintain the District's credit worthiness and adequately provide for operating reserves, future debt or capital obligations, cash flow requirements, and legal requirements. This policy is in conformity with Generally Accepted Accounting Practices (GAAP), Government Finance Officers Association (GFOA) and Governmental Accounting Standards Board (GASB) Guidance. Reserve levels will be set as follows:

A. Restricted Reserves

The District will maintain reserves in an amount equal to funds restricted by legal requirements, contractual agreements, and trustee requirements. The District is limited in the means in which it may use restricted cash reserves due to legal requirements and contractual agreements.

1. Debt Service Reserve Funds

Cash is held as a surety that the annual debt payment and interest will be made. Established as prescribed by the bond covenants adopted at the time of the issuance of debt and maintained until the final debt service payment is made or the debt issue is defeased. The funds cannot be used for any other purpose.

2. Capital Reserve Fund

Included in this fund is the connection fee collected from developers to pay for the new facilities necessary to deliver water and wastewater service to newly developed property.

3. Customer Deposits Fund

Monies are held on behalf of District customers as required for their utility account. Deposits on utility accounts are released when refunded to the customer. The balance in this fund will fluctuate depending on the number of utility customer deposits are required.

B. Designated Reserves

The District will have available cash reserve to cover operating shortfalls to be used for both short term cash flow and contingency planning for unforeseen situations such as unexpected increases in costs or declines in revenues, legislative or judicial mandates, new or expanded services or programs, natural disaster emergencies, one-time Board approved non-capital expenditures or capital needs, and interruptions in billing process to customers.

1. Capital Improvement and Capital Replacement Reserves Fund

The District shall establish and maintain fund equal to the 5-year rolling average of the capital improvement projects outlined in the annually updated Five-Year Capital Improvement Plan. The calculation of funds maintained in this category will exclude any funding obtained from outside sources such as loans, grants, or bond funding.

2. Operating Fund

The District will maintain cash in the operating fund at a minimum level equal to three months of its annual operating expenses and a maximum level equal to six months of its annual operating expenses, excluding depreciation. This reserve bridges the gap between the time expenses are paid and the time revenues from the same service are collected from customers. The fund will ensure continuity of service regardless of cash flow.

3. Debt Service Reserve Fund

The District shall establish and maintain funds equivalent to one year's debt service obligations. This fund will provide additional security for the payment of annual debt service if rates and other funds are insufficient or not available.

4. Rate Stabilization

The District will maintain cash in the rate stabilization fund at a minimum level equal to three months of its annual operating revenues and a maximum level equal to six months of its annual operating revenues, excluding connection fees. The fund will be used during temporary revenue shortfalls to avoid reducing service levels or raising fees.

GUIDELINES

Finance shall perform a reserve analysis to be submitted to the Board of Directors as follows:

- Board of Directors' deliberation of the annual budget; and
- When a major change in conditions threatens the reserve levels established within this policy.

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TRIUNFO WATER & SANITATION DISTRICT

FISCAL YEAR 2023 BUDGET SUMMARY

RESERVE ANALYSIS

Description	Actual FY 2019 Yearend	Actual FY 2020 Yearend	Actual FY 2021 Budget	Adjusted FY 2022 Yearend	Estimated FY 2022 Budget	Proposed FY 2023 Budget	
WASTEWATER DIVISION							
Restricted reserves:							
<i>Customer Deposits Fund</i>	666,373	639,200	643,200	643,200	666,373	639,200	[1]
Total restricted reserves	666,373	639,200	643,200	643,200	666,373	639,200	
Designated reserves:							
<i>Capital Improvement and Capital Replacement Reserves Fund</i>	-	-	-	4,185,937	3,974,048	4,374,290	[2] [6]
<i>Operating Fund</i>	3,977,505	3,820,065	5,068,263	2,437,019	2,521,938	2,097,119	[4]
<i>Rate Stabilization</i>	1,848,581	2,619,877	5,025,635	3,260,509	4,285,952	3,661,372	[4]
Total assigned reserves	5,826,086	6,439,942	10,093,898	9,883,465	10,781,938	10,132,781	
Total reserve level balance	\$ 6,492,459	\$ 7,079,142	\$ 10,737,098	\$ 10,526,665	\$ 11,448,311	\$ 10,771,981	
POTABLE WATER DIVISION							
Restricted reserves:							
<i>Debt Service Reserve Funds</i>	602,000	602,000	602,000	602,000	602,000		[1]
<i>Customer Deposits Fund</i>	47,345	61,525	70,915	70,915	48,470	61,525	[1]
Total restricted reserves	649,345	663,525	672,915	672,915	650,470	61,525	
Designated reserves:							
<i>Capital Improvement and Capital Replacement Reserves Fund</i>				864,213	864,213	806,000	[1]
<i>Operating Fund</i>	2,656,756	2,883,734	3,127,125	2,853,011	3,647,992	3,930,324	[5]
<i>Debt Service Reserve Fund</i>	-	816,435	816,435	816,435	816,435	942,992	[1]
<i>Rate Stabilization</i>	-	330,670	1,561,126	3,283,554	5,320,956	6,871,468	[5]
Total assigned reserves	2,656,756	4,030,839	5,504,686	7,817,213	10,649,596	12,550,784	
Total reserve level balance	\$ 3,306,101	\$ 4,694,364	\$ 6,177,601	\$ 8,490,128	\$ 11,300,066	\$ 12,612,309	
RECYCLED WATER DIVISION							
Designated reserves:							
<i>Capital Improvement and Capital Replacement Reserves Fund</i>				175,749	1,223,626	490,221	[1] [8]
<i>Operating Fund</i>	631,848	444,959	662,346	960,625	1,100,882	1,545,643	[7]
<i>Debt Service Reserve Fund</i>	-	977,398	977,398	1,253,061	1,253,061	1,494,441	[1] [8]
<i>Rate Stabilization</i>	2,216,729	1,960,283	2,745,232	3,005,604	2,305,750	3,173,244	[7]
Total assigned reserves	2,848,577	3,382,640	4,384,976	5,395,039	5,883,319	6,703,549	
Total reserve level balance	\$ 2,848,577	\$ 3,382,640	\$ 4,384,976	\$ 5,395,039	\$ 5,883,319	\$ 6,703,549	
CONSOLIDATED							
Restricted reserves:							
<i>Debt Service Reserve Funds</i>	602,000	602,000	602,000	602,000	602,000	-	
<i>Customer Deposits Fund</i>	713,718	700,725	714,115	714,115	714,843	700,725	
Total restricted reserves	1,315,718	1,302,725	1,316,115	1,316,115	1,316,843	700,725	
Designated reserves:							
<i>Capital Improvement and Capital Replacement Reserves Fund</i>	-	-	-	5,225,899	6,061,887	5,670,511	
<i>Operating Fund</i>	7,266,109	7,148,758	8,857,734	6,250,655	7,270,812	7,573,086	
<i>Debt Service Reserve Fund</i>	-	1,793,833	1,793,833	2,069,496	2,069,496	2,437,433	
<i>Rate Stabilization</i>	4,065,310	4,910,830	9,331,993	9,549,667	11,912,658	13,706,084	
Total assigned reserves	11,331,419	13,853,421	19,983,560	23,095,717	27,314,853	29,387,114	
Total reserve level balance	\$ 12,647,137	\$ 15,156,146	\$ 21,299,675	\$ 24,411,832	\$ 28,631,696	\$ 30,087,839	

[1] Meets Recommended Reserve FY2023.

[2] Capital Improvement Funds include TWSD and JPA. Meets the 5-year rolling average. Pure Water Project not included.

[3] No Money in Reserve ; Recommended 3 to 6 Months

[4] ~ 3 Months in Reserves for FY2023, respectively; Recommended 3 to 6 Months

[5] ~10 Months in Reserves for FY2023; Recommended 3 to 6 Months

[6] Pure Water Project-estimated \$2.5M for FY2023. Grants and loans are not known at this time.

[7] ~12 Months in Reserves for FY2023; Recommended 3 to 6 Months

[8] Additional funds were designated for future unanticipated CIPs and debt service.

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TRIUNFO WATER & SANITATION DISTRICT

DEBT SERVICE

FISCAL YEAR 2023

OUTSTANDING DEBT SERVICE SUMMARY

	Potable Water <i>Loan #2222906</i>	Potable Water (97.73%) <i>Loan #2222906</i>	Recycled Water (2.27%) <i>Loan #2222906</i>	Recycled Water <i>Loan #5670425917</i>	Recycled Water (Taxable) <i>Loan #5670426117</i>	Combined Loan Amount
Original Loan Amount	\$4,925,000	\$1,493,314	\$34,686	\$5,569,000	\$3,249,000	\$15,271,000
Interest Rate	1.96%	1.70%	1.70%	2.55%	3.95%	n/a
Due Dates	Nov and May	Nov and May	Nov and May	Aug and Feb	Aug and Feb	n/a
Lender	[1]	[1]	[1]	[2]	[2]	
Balance Due as of June 30, 2022	\$4,440,000	\$1,312,514	\$30,487	\$5,265,000	\$3,194,000	\$14,242,000
Principal Payment through June 30, 2023	\$456,000	\$177,869	\$4,130	\$468,000	\$267,000	\$1,372,999
Interest Payment through June 30, 2023	\$84,790	\$21,557	\$501	\$131,274	\$123,536	\$361,657
Balance Due as of June 30, 2023	\$3,984,000	\$1,134,645	\$26,356	\$4,797,000	\$2,927,000	\$12,869,001

Notes:

[1] Lender: Bank of America

[2] Lender: Pacific Premier Bank

Additional Information

<u>Loan #2222906</u>	Description:	Construction of Conifer Tank
	Original Loan Amount:	\$4,925,000.00
	Description:	Acquisition and installation of Advanced Metering Infrastructure
	Original Loan Amount:	\$1,528,000.00
	Term:	November 2021- November 2030
	Total	\$6,453,000.00
<u>Loan #5670425917</u>	Description:	Purchase of Recycled Water System from CMWD
	Original Loan Amount:	\$5,569,000.00 (Tax Exempt)
<u>Loan #5670426117</u>	Original Loan Amount:	\$3,249,000.00 (Taxable)
	Term:	February 2022 to February 2032
	Original Loan Amount:	\$8,818,000.00

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Las Virgenes – Triunfo Joint Powers Authority

FISCAL YEARS
2022-23 / 2023-24 Budget

PURE WATER
DEMONSTRATION FACILITY



Las Virgenes – Triunfo Joint Powers Authority

Fiscal Year 2022-23
And
Fiscal Year 2023-24

Las Virgenes Municipal Water District

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

David Pedersen – General Manager

Triunfo Water & Sanitation District

Leon Shapiro - Vice Chair
Raymond Tjulander
Jane Nye
Janna Orkney
James Wall

Mark Norris – General Manager

Administering Agency:
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302-1994
818.251.2100
www.lvmwd.com

DATE: June 13, 2022

TO: Las Virgenes-Triunfo Joint Powers Authority (JPA) Board of Directors

Presented to the Board for adoption is the Fiscal Year 2022-23 JPA Budget, and for approval the Fiscal Years 2022-24 JPA Budget Plan. The proposed Fiscal Year 2022-23 Operating Budget of \$22.7 million represents a net increase of 23.0% over the adopted Fiscal Year 2021-22 Budget, and the proposed Fiscal Year 2023-24 Budget of \$24.1 million represents an increase of 5.9% over the proposed Fiscal Year 2022-23 Budget. Labor costs represent the largest component of the increase to the operating budgets. New capital appropriations of \$13.4 million in Fiscal Year 2022-23 and \$26.9 million in Fiscal Year 2023-24 will provide resources necessary for the Pure Water Project Las Virgenes- Triunfo, as well as necessary facility maintenance to ensure continued delivery of high- quality service. The increases in capital expenditures defray some of the increases from labor and other general and administrative (G&A) costs that would have otherwise been allocated to the operating budget.

During Fiscal Years 2022-24, the JPA will continue efforts to maximize its use of recycled water, reduce discharges to Malibu Creek, achieve long-term compliance with environmental regulations and renew aging infrastructure. The proposed budget addresses these and other key JPA priorities to ensure the continued delivery of high- quality services to its customers. The following key issues and initiatives are among those addressed in the budget:

Pure Water Project Las Virgenes-Triunfo

On August 1, 2016, the JPA Board selected indirect potable reuse using Las Virgenes Reservoir as the preferred alternative to comply with future nutrient loading limitations for Malibu Creek, and to maximize the JPA's beneficial use of recycled water. Subsequently, the effort was renamed the Pure Water Project Las Virgenes-Triunfo. During Fiscal Year 2020-21, the JPA began operations of the Pure Water Demonstration Project. During that same period, the JPA engaged a firm to provide advisor/program management services to the JPA for the Pure Water Project Las Virgenes-Triunfo. During Fiscal Year 2021-2022, the District began developing the design criteria for the project, developed the environmental documentation for the program, and engaged in public outreach activities to help progress the project.

In the next two-year budget cycle, the District will continue to develop this project and move towards construction. The remainder of 2022 will include finalization of the environmental document including public meetings and outreach to agencies and local tribes; finalization of the design criteria for the project; and development of procurement documents to find a design builder for the Advanced Water Purification Facility (AWPF), and a pipeline designer for the transmission lines. It is anticipated that the design of the facility and pipelines will continue through the next budget cycle, with the goal to start construction in 2026. The District will continue to pursue funding and financing opportunities through this period to support the program.

Investments in the Future

The Fiscal Year 2022-24 Budget Plan also includes investments in a number of important projects to ensure the reliability of the JPA's services to its customers in the future. The following are examples of those projects:

- Tapia Reliability Improvements
- 003 Discharge Point Rehabilitation
- SCADA system communication upgrades

In summary, the JPA is well-positioned for the challenges in the years ahead. The JPA will continue reducing discharges to Malibu Creek, while creating a locally-sourced treated, and used water source. The budget provides for the solution to move forward ensuring sufficient resources are dedicated to continue delivering high-quality, reliable services to the JPA's customers for many years to come.

ACKNOWLEDGEMENTS

This budget document represents the hard work and dedication of many employees who thoughtfully and carefully considered the resources needed to achieve the quality of services expected by customers, while remaining stewards of the JPA's funds.

Very Truly Yours,

A handwritten signature in black ink, appearing to read "David W. Pedersen", with a stylized, flowing script.

David W. Pedersen, P.E.

Administering Agent/General Manager

BUDGET OVERVIEW

The following pages present an overview of the Fiscal Year 2022-24 Joint Powers Authority Budget created within the terms of the Joint Powers Authority agreement. There are no changes between proposed and adopted budget for Fiscal Years 2022-23 and 2023-24.

Source of Joint Powers Authority Funds

The Joint Powers Authority (JPA) receives revenue from sales of recycled water, compost sales and from interest revenue, but the JPA partners contribute most of the funds for the JPA, as shown below:



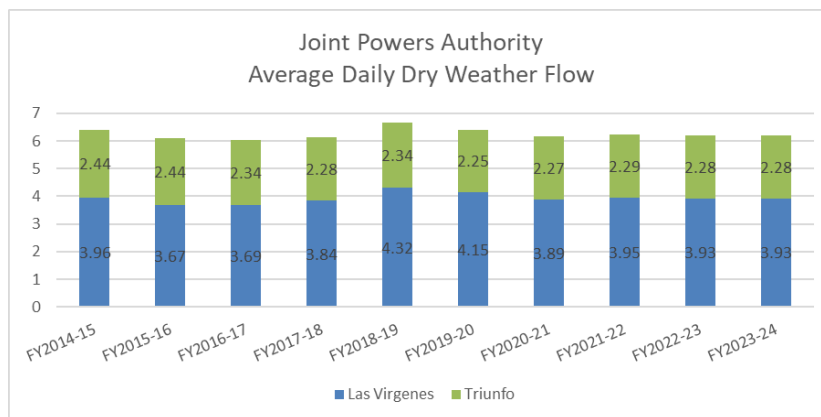
The operating expenses of the JPA are allocated to the participants in four ways, depending upon the type of expenses. The basis of allocation is:

- Participants' reserve capacity rights in the trunk sewer (FY 2022-23 and FY 2023-24: LVMWD 39.4%; TWSD 60.6%),
- Participants' reserve capacity rights in the treatment plant and recycled water system (FY 2022-23 and FY 2023-24: LVMWD 70.6%; TWSD 29.4%),
- Participants' flow into the treatment plant (varies monthly – FY 2022-23 and FY 2023-24 are projected to be LVMWD 63.3%; TWSD 36.7%), or
- Equal shares by participants for audit and meter station expense.

LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY WORKING CAPITAL ANALYSIS - SOURCES OF FUNDS

	FY2020-21 ACTUAL	FY2021-22 BUDGET	FY2021-22 EST ACTUAL	FY2022-23 BUDGET	FY2023-24 BUDGET
Operating Revenue					
Recycled Water Revenue					
Las Virgenes Municipal Water District	1,991,716	1,954,050	1,589,924	2,037,475	2,051,967
Triunfo Water & Sanitation District	646,628	573,984	504,050	653,148	657,724
Total Recycled Water Revenue	2,638,344	2,528,034	2,093,974	2,690,623	2,709,691
Other	52,229	80,000	2,910,600	65,000	65,000
Total Operating Revenue	2,690,573	2,608,034	5,004,574	2,755,623	2,774,691
Participant's Contribution					
Las Virgenes Municipal Water District					
Operations	12,974,724	10,697,983	9,678,273	13,544,725	14,462,014
Capital Projects	4,966,976	8,740,169	4,033,063	9,431,290	19,036,598
Total Las Virgenes	17,941,700	19,438,152	13,711,336	22,976,015	33,498,612
Triunfo Water & Sanitation District					
Operations	6,138,880	5,150,881	4,579,188	6,409,283	6,822,204
Capital Projects	2,068,401	3,639,674	1,679,470	3,918,576	7,927,422
Total Triunfo	8,207,281	8,790,555	6,258,658	10,327,859	14,749,626
Total Sources of Funds	28,839,554	30,836,741	24,974,568	36,059,497	51,022,929

The following graph shows the participant's sewage flows for ten years. The reduction in flows reflects low growth policies of cities within the watershed, diversion of some sewage to the City of Los Angeles, water allocations to customers within the respective sewer service areas of the Joint Powers Authority partners, and conservation efforts due to the on-going statewide drought for the last several years.



Use of Joint Powers Authority Funds

For operations and capital improvement projects, the use of funds in the proposed budget is \$36.1 million for FY 2022-23, and \$51.0 million for FY 2023-24, as shown below.



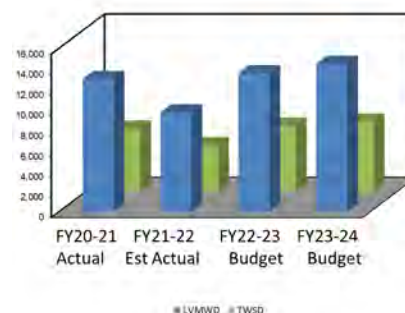
Fiscal Year 2022-23 budgeted operating expenses increased by 23.0% over the Fiscal Year 2021-22 Budget; and increased 17.9% when compared to Fiscal Year 2021-22 estimated actuals. JPA operating expenses have trended higher than budget in the prior two years. The increase to the Fiscal Year 2022-23 Budget bridges that gap and aligns expectations closer to actual expenses experienced. Increasing costs versus Fiscal Year 2021-22 estimated actuals are mainly a function of projected increased labor costs that flow to the JPA through internal service fund allocations. Fiscal Year 2023-24 budgeted operating expenses are projected to increase by 5.9% over the Fiscal Year 2022-23 Budget

LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
WORKING CAPITAL ANALYSIS - USES OF FUNDS

	FY2020-21 ACTUAL	FY2021-22 BUDGET	FY2021-22 EST ACT	FY2022-23 BUDGET	FY2023-24 BUDGET
Operating Expenses					
Las Virgenes Municipal Water District	14,717,819	12,458,406	13,001,874	15,419,839	16,360,058
Triunfo Water & Sanitation District	7,086,358	5,998,492	6,260,161	7,289,792	7,698,851
Total Operating Expenses	21,804,177	18,456,898	19,262,035	22,709,631	24,058,909
Capital Projects					
Las Virgenes Municipal Water District	4,966,976	8,740,169	4,033,063	9,431,290	19,036,598
Triunfo Water & Sanitation District	2,068,401	3,639,674	1,679,470	3,918,576	7,927,422
Total Capital Projects	7,035,377	12,379,843	5,712,533	13,349,866	26,964,020
Total Uses of Funds	28,839,554	30,836,741	24,974,568	36,059,497	51,022,929

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

	FY20-21 Actual	FY21-22 Est Actual	FY22-23 Budget	FY23-24 Budget
JPA Revenues	2,691	5,005	2,756	2,775
JPA Expenses	21,804	19,262	22,710	24,059
Net Operating Expense	19,113	14,257	19,954	21,284
LVMWD	12,974	9,678	13,545	14,462
TWSD	6,139	4,579	6,409	6,822
Total Allocated Expenses	19,113	14,257	19,954	21,284



Wholesale Recycled Water Rates

Wholesale price of recycled water, that is, the price that the JPA charges to its two customers—Las Virgenes Municipal Water District and Triunfo Water & Sanitation District represents the operating costs of recycled water. The July 1, 2022 proposed wholesale rate for recycled water with pumping is \$570.32 per acre foot, an increase of \$113.69 or 24.9% over the FY 2021-22 per acre foot rate. The July 1, 2023 proposed wholesale rate for recycled water with pumping is \$574.31 per acre foot. For FY 2022-23 wholesale recycled water delivered to the Las Virgenes Valley, which does not require additional pumping, the proposed rate of \$435.24 per acre foot is an increase of 23.28% per acre foot compared to the prior year.

For FY 2023-24 wholesale recycled water delivered to the Las Virgenes Valley, which does not require additional pumping, the proposed rate of \$439.23 per acre foot is an increase of 24.41% per acre foot over FY 2021-22.

Allocation of General and Administrative Costs

The general and administrative costs of Las Virgenes Municipal Water District are distributed among its three enterprises (potable water, recycled water and sanitation), its capital improvement projects, and the operations of the JPA. In accordance with the original Joint Powers Authority agreement, the general and administrative costs are distributed to the JPA based upon direct labor hours.

Capital Improvement Projects

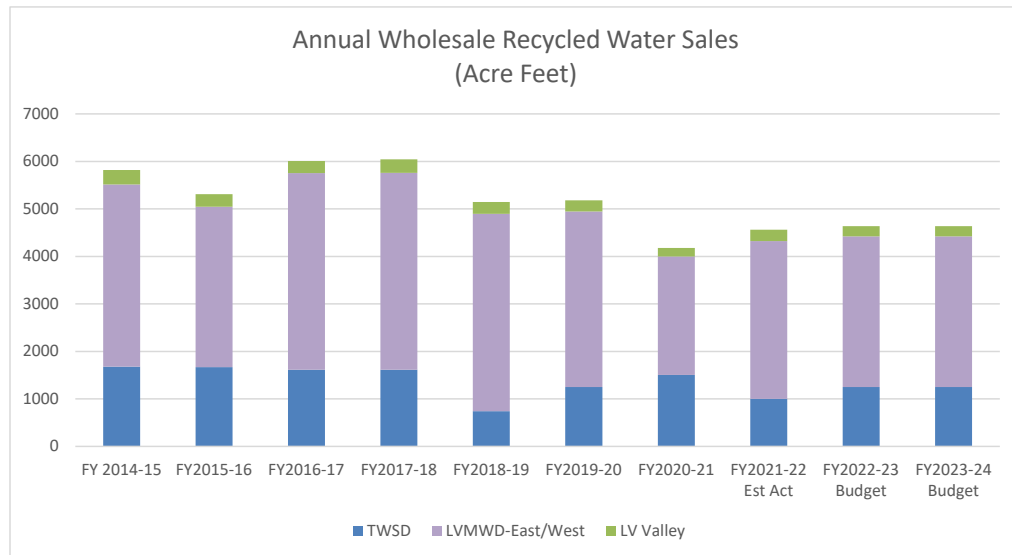
The Capital improvement projects are shown by enterprise (Recycled Water and Sanitation) and by project number. This corresponds to the classification of the funding by LVMWD and agrees with the JPA capital budget.

On-going Review of Budget and Ability to Adjust to Economic Conditions

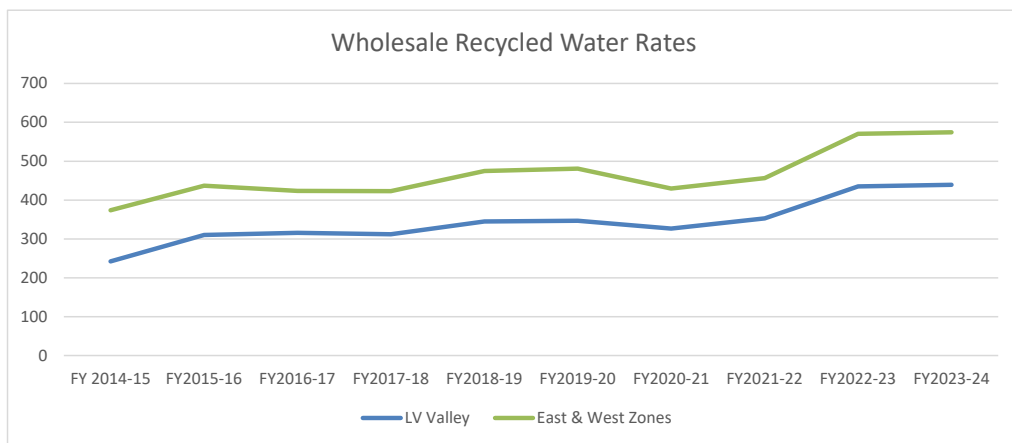
As part of the budget process, staff provides the Board with quarterly reports that reflect budget-to-actual results during the fiscal year. During Fiscal Year 2022-23, these quarterly reports will be critical to assess whether or not the JPA's revenues and expenditures are in-line with budgeted projections.

As staff continues to monitor the JPA's financial position, any proposed adjustments or budget reduction proposals will be presented to the Board with an analysis of the anticipated impacts to the organization and its customers, both in the near and long-terms. This approach will support the Board to adapt the JPA's response to the most current financial conditions, while minimizing the impact on the essential services provided to customers.





	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22 Est Act	FY 2022-23 Budget	FY 2023-24 Budget
TWSD	1677	1668	1616	1616	740	1250	1505	1000	1251	1251
LVMWD-East/West	3839	3378	4139	4145	4158	3698	2492	3323	3171	3171
LV Valley	303	263	255	280	248	232	179	239	216	216



	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
LV Valley	242.21	310.08	315.53	311.96	344.83	346.65	326.32	353.04	435.24	439.23
East & West Zones	373.72	436.96	423.41	423.13	474.80	480.53	429.91	456.63	570.32	574.31

RW WHOLESALE RATE COMPUTATIONS

FY 2022-23 Budgeted Costs	Total Cost	Base Cost	Add'l Pumping	East-West Cost
Pump Stations	1,219,592	604,592	615,000	
Reservoirs	102,318	102,318		
System Operations	34,970	34,970		
Distribution	283,019	283,019		
RW Operations	1,639,899			
RW Ops/JPA Ops	7.4%			
Total JPA Admin	1,200,016			
RW Administration	88,201	88,201		
subtotal:Operations & Admin	1,728,100	1,113,100		
Depreciation FY20-21	962,541	962,541	-	
Total Cost	\$ 2,690,641	\$ 2,075,641	\$ 615,000	
Costs per Acre Foot		\$ 435.24	\$ 135.08	\$ 570.32

FY 2022-23 Estimated Deliveries

	Acre Feet	Rate	
LV Valley	216	\$ 435.24 /AF	\$ 94,011.84
LVMWD East	1,519	\$ 570.32 /AF	\$ 866,316.08
LVMWD West	1,889	\$ 570.32 /AF	\$ 1,077,147.08
Total LVMWD	3,624		\$ 2,037,475.00
TWSD	1,145	\$ 570.32 /AF	\$ 653,148.00
	4,769		\$ 2,690,623.00

FY 2023-24 Budgeted Costs	Total Cost	Base Cost	Add'l Pumping	East-West Cost
Pump Stations	1,222,799	607,799	615,000	
Reservoirs	105,147	105,147		
System Operations	37,376	37,376		
Distribution	295,005	295,005		
RW Operations	1,660,327			
RW Ops/JPA Ops	7.0%			
Total JPA Admin	1,234,819			
RW Administration	86,808	86,808		
subtotal:Operations & Admin	1,747,135	1,132,135		
Depreciation FY20-21	962,541	962,541	-	
Total Cost	\$ 2,709,676	\$ 2,094,676	\$ 615,000	
Costs per Acre Foot		\$ 439.23	\$ 135.08	\$ 574.31

FY 2023-24 Estimated Deliveries

	Acre Feet	Rate	
LV Valley	216	\$ 439.23 /AF	\$ 94,873.68
LVMWD East	1,519	\$ 574.31 /AF	\$ 872,376.89
LVMWD West	1,889	\$ 574.31 /AF	\$ 1,084,716.59
Total LVMWD	3,624		\$ 2,051,967.16
TWSD	1,145	\$ 574.31 /AF	\$ 657,724.00
	4,769		\$ 2,709,691.16

FISCAL YEAR 2022-23 OPERATING BUDGET
ALLOCATION OF JOINT POWERS EXPENSES TO PARTICIPANTS

EXPENSES (REVENUES)	JPA EXPENSES BY ALLOCATION GROUPS					
SEWER EXPENSE	636,862	0	0	0	0	636,862
TREATMENT RECLAMATION	0	7,856,072	2,370,762	0	0	10,226,834
TREATMENT COMPOSTING	0	5,505,093	2,066,839	0	0	7,571,932
TREATMENT INJECTION	0	117,200	265,300	0	0	382,500
PUMP STATIONS	0	1,219,592	0	0	0	1,219,592
TANKS/RESERVOIR WELLS	0	102,318	0	0	0	102,318
SYSTEM OPERATION	0	34,970	0	0	0	34,970
WATER SYSTEM	0	283,019	0	0	0	283,019
ADMINISTRATIVE EXPENSES	0	1,196,166	0	3,850	0	1,200,016
PWP DEMO	0	1,051,588	0	0	0	1,051,588
REVENUES	0	(2,755,623)	0	0	0	(2,755,623)
TOTAL EXPENSES	636,862	14,610,395	4,702,901	3,850	0	19,954,008
	A	B	C	D	E	TOTAL

PARTICIPANTS SHARE	ALLOCATION OF EACH GROUP TO PARTICIPANTS									
	%	\$	%	\$	%	\$	%	\$	%	\$
U-1 SANITATION DISTRICT	36.3%	231,181	53.1%	8,269,229	42.5%	1,998,733	25.0%	963	82.2%	0
U-2 SANITATION DISTRICT	3.1%	19,743	17.5%	2,725,264	20.9%	982,906	25.0%	963	0.0%	0
RECYCLED WATER FUND			(679,554)						-3.4%	(679,554)
TOTAL LVMWD	39.4%	250,924	70.6%	10,314,939	63.4%	2,981,639	50.0%	1,926	82.2%	0
TRIUNFO WSD	60.6%	385,938	29.4%	4,295,456	36.7%	1,721,262	50.0%	1,924	17.8%	0
TOTAL ALLOCATION	100.0%	636,862	100.0%	14,610,395	100.1%	4,702,901	100.0%	3,850	100.0%	0
	A		B		C		D		E	
										TOTAL

GROUP

A Basis of allocation to each participant is participant's reserve capacity rights in the trunk sewer.

B Basis of allocation to each participant is participant's reserve capacity rights in the treatment plant and recycled water system.

C Basis of allocation to each participant is participant's flow into the treatment plant.

D Each participant is allocated an equal share.

E Basis of allocation is each participant's average monthly cash balance.

FISCAL YEAR 2023-24 OPERATING BUDGET
ALLOCATION OF JOINT POWERS EXPENSES TO PARTICIPANTS

EXPENSES (REVENUES)	JPA EXPENSES BY ALLOCATION GROUPS					
SEWER EXPENSE	679,661	0	0	0	0	679,661
TREATMENT RECLAMATION	0	8,435,205	2,468,943	0	0	10,904,148
TREATMENT COMPOSTING	0	5,919,577	2,193,769	0	0	8,113,346
TREATMENT INJECTION	0	242,318	156,440	0	0	398,758
PUMP STATIONS	0	1,222,799	0	0	0	1,222,799
TANKS/RESERVOIR WELLS	0	105,147	0	0	0	105,147
SYSTEM OPERATION	0	37,376	0	0	0	37,376
WATER SYSTEM	0	295,005	0	0	0	295,005
ADMINISTRATIVE EXPENSES	0	1,230,969	0	3,850	0	1,234,819
PWP DEMO	0	1,067,850	0	0	0	1,067,850
REVENUES	0	(2,774,691)	0	0	0	(2,774,691)
TOTAL EXPENSES	679,661	15,781,555	4,819,152	3,850	0	21,284,218
	A	B	C	D	E	TOTAL

PARTICIPANTS SHARE	ALLOCATION OF EACH GROUP TO PARTICIPANTS									
	%	\$	%	\$	%	\$	%	\$	%	\$
U-1 SANITATION DISTRICT	36.3%	246,717	53.1%	8,891,115	42.5%	2,048,140	25.0%	963	82.2%	0
U-2 SANITATION DISTRICT	3.1%	21,069	17.5%	2,930,217	20.9%	1,007,203	25.0%	963	0.0%	0
RECYCLED WATER FUND			(679,554)						-3.2%	(679,554)
TOTAL LVMWD	39.4%	267,786	70.6%	11,141,778	63.4%	3,055,343	50.0%	1,926	82.2%	0
TRIUNFO WSD	60.6%	411,875	29.4%	4,639,777	36.7%	1,763,809	50.0%	1,924	17.8%	0
TOTAL ALLOCATION	100.0%	679,661	100.0%	15,781,555	100.1%	4,819,152	100.0%	3,850	100.0%	0
	A		B		C		D		E	TOTAL

GROUP

A Basis of allocation to each participant is participant's reserve capacity rights in the trunk sewer.

B Basis of allocation to each participant is participant's reserve capacity rights in the treatment plant and recycled water system.

C Basis of allocation to each participant is participant's flow into the treatment plant.

D Each participant is allocated an equal share.

E Basis of allocation is each participant's average monthly cash balance.

JOINT POWERS AUTHORITY
PARTICIPANT SEWAGE FLOWS and EXPENSE ALLOCATION
FY 2022-23

PARTICIPANT	PROJECTED SEWAGE FLOWS			ALLOCATION OF TOTAL EXPENSES TO PARTICIPANTS		
	MILLION GALLONS PER DAY (MGD)	MILLION GALLONS PER YEAR (MG)	PERCENT BASED ON FLOWS	TOTAL EXP	\$ PER MG	%
	(A)	(B)	(C)	(D)	(D) / (B)	
U-1 SANITATION DISTRICT	2.64	962	42.5%	9,988,997	10,384	50.1%
U-2 SANITATION DISTRICT	1.30	473	20.9%	3,560,431	7,527	17.8%
LVMWD	3.93	1,435	63.4%	13,549,428	9,442	67.9%
TWSD	2.28	831	36.7%	6,404,580	7,707	32.1%
TOTAL ALL PARTICIPANTS	6.21	2,266	100.1%	19,954,008	8,806	100.0%
RETURN FLOWS	1.09	399				
WESTLAKE WELLS	0.25	91				
	7.55	2,756				

JOINT POWERS AUTHORITY
PARTICIPANT SEWAGE FLOWS and EXPENSE ALLOCATION
FY 2023-24

PARTICIPANT	PROJECTED SEWAGE FLOWS			ALLOCATION OF TOTAL EXPENSES TO PARTICIPANTS		
	MILLION GALLONS PER DAY (MGD)	MILLION GALLONS PER YEAR (MG)	PERCENT BASED ON FLOWS	TOTAL EXP	\$ PER MG	%
	(A)	(B)	(C)	(D)	(D) / (B)	
U-1 SANITATION DISTRICT	2.63	960	42.3%	10,675,826	11,121	50.2%
U-2 SANITATION DISTRICT	1.30	475	20.9%	3,791,007	7,981	17.8%
LVMWD	3.93	1,435	63.2%	14,466,833	10,081	68.0%
TWSD	2.28	833	36.7%	6,817,385	8,184	32.0%
TOTAL ALL PARTICIPANTS	6.21	2,268	99.9%	21,284,218	9,385	100.0%
RETURN FLOWS	1.11	406				
WESTLAKE WELLS	0.25	91				
	7.58	2,765				

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

	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
OPERATING REVENUES					
4235 RW Sales - LVMWD	\$1,991,716	\$1,954,050	\$1,589,924	\$2,037,475	\$2,051,967
4240 RW Sales - TWSD	646,628	573,984	504,050	653,148	657,724
4505 Other Income from Operations	48,182	65,000	2,907,452	50,000	50,000
4510 Compost Sales	4,047	15,000	3,148	15,000	15,000
TOTAL OPERATING REVENUES	\$2,690,573	\$2,608,034	\$5,004,574	\$2,755,623	\$2,774,691

OPERATIONS DIVISION EXPENSE					
5400 Labor	2,759,423	2,573,827	2,405,118	3,042,804	3,164,516
5405.1 Electricity	2,229,995	1,930,300	2,180,138	2,108,100	2,157,900
5405.2 Telephone	51,666	32,000	66,103	50,100	51,624
5405.3 Natural Gas	21,356	21,400	27,331	20,100	21,000
5405.4 Water	16,580	12,300	26,771	32,750	34,100
5410 Supplies/Material	95,372	80,950	137,955	144,900	149,600
5410.1 Fuel	25,169	25,000	22,732	41,700	42,500
5410.5 Ferric Chloride	59,307	60,000	34,267	63,000	66,000
5410.6 Defoamer/Deodorant	4,222	4,120	5,000	7,500	7,800
5410.7 Polymer	100,891	147,000	159,266	200,000	220,000
5410.8 Amendment	279,407	135,000	172,700	166,400	174,400
5410.9 Alum	20,284	12,000	11,539	12,600	13,200
5410.10 Sodium Hypochlorite	359,026	230,000	297,763	275,000	280,000
5410.11 Sodium Bisulfite	138,143	115,936	126,932	121,800	127,600
5410.13 Aqua Ammonia	24,521	31,699	27,806	33,300	34,869
5415 Outside Services	375,751	251,850	256,592	373,700	380,700
5417 Odor Control	177,037	185,000	209,055	260,000	290,000
5420 Permits and Fee	220,795	220,100	379,852	238,100	245,200
5425 Consulting Services	0	90,000	5,906	42,000	44,000
5430 Capital Outlay	101,754	140,000	140,000	170,000	175,000
Sub-total	\$7,060,698	\$6,298,482	\$6,692,825	\$7,403,854	\$7,680,009

MAINTENANCE DIVISION EXPENSE					
5500 Labor	998,109	1,291,732	533,035	750,000	785,000
5510 Supplies/Material	435,574	304,000	515,312	516,100	538,800
5515 Outside Services	802,220	537,450	422,695	561,300	580,300
5518 Building Maintenance	172,221	368,645	140,575	327,400	319,500
5520 Permits and Fee	1,619	500	653	2,000	2,000
5530 Capital Outlay	0	70,000	70,000	73,500	75,000
Sub-total	\$2,409,742	\$2,572,327	\$1,682,270	\$2,230,300	\$2,300,600

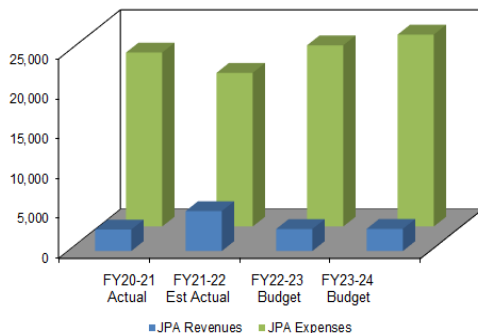
PUBLIC INFORMATION					
6602 School Education Program	0	20,000	15,000	15,000	15,000
6604 Public Education Program	35,112	20,842	1,465	21,000	21,000
6606 Community Group Outreach	0	8,000	5,000	5,000	5,000
6608 Intergovernmental Coordination	0	5,000	2,500	2,500	2,500
Sub-total	\$35,112	\$53,842	\$23,965	\$43,500	\$43,500

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

	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
RESOURCE CONSERVATION					
6788 District Sprayfield	349,597	275,000	389,970	288,800	302,500
6789 005 Discharge	207	400	6,883	500	500
Sub-total	\$349,804	\$275,400	\$396,853	\$289,300	\$303,000
SPECIALTY EXPENSES					
5700 SCADA Services	114,878	62,786	119,736	94,100	98,500
5710.2 Technical Services	0	16,164	4,500	4,600	4,750
5712 Compost Sales/Use Tax	8,456	4,000	2,139	4,000	4,000
5715.2 Other Lab Services	255,894	334,000	239,248	342,900	350,300
7202 Allocated Lab Expense	588,174	531,736	654,818	726,109	785,772
Sub-total	\$967,402	\$948,686	\$1,020,440	\$1,171,709	\$1,243,322
ADMINISTRATIVE EXPENSES					
6872 Litigation/Outside Services	6,248	0	15,269	15,880	16,515
6516 Other Professional Services	244,407	156,600	129,619	162,864	169,379
6517 Audit Fees	0	6,000	6,000	3,850	3,850
7135.1 Property Insurance	127,923	0	121,076	189,645	208,609
7135.4 Earthquake Insurance	123,161	0	107,667	141,019	141,879
7153 TWSD Staff Services	0	6,000	5,000	5,000	5,000
6260 Rental Charge - Facility Repl	358,409	383,316	300,894	331,780	331,145
7203 Allocated Building Maint	137,766	96,642	81,411	102,294	105,024
Allocated Services (G&A)	9,983,505	7,659,603	8,678,747	10,618,636	11,507,074
Sub-total	\$10,981,419	\$8,308,161	\$9,445,683	\$11,570,970	\$12,488,478
TOTAL EXPENSES	\$21,804,177	\$18,456,898	\$19,262,035	\$22,709,633	\$24,058,909
NET OPERATING EXPENSE	\$19,113,604	\$15,848,864	\$14,257,461	\$19,954,010	\$21,284,218

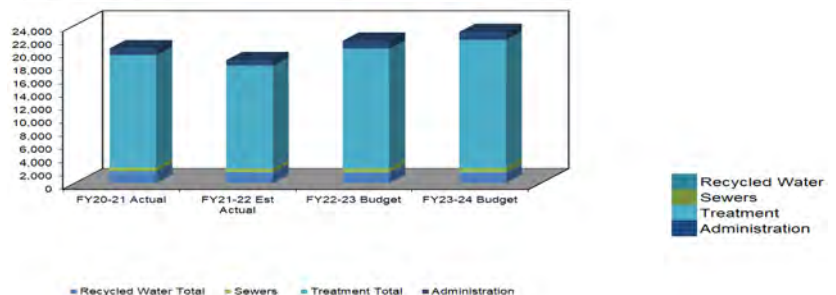
Operations Summary
(Dollars in Thousands)

	FY20-21 Actual	FY21-22 Est Actual	FY22-23 Budget	FY23-24 Budget
JPA Revenues	2,691	5,005	2,756	2,775
JPA Expenses	21,804	19,262	22,710	24,059
Net Operating Expense	19,113	14,257	19,954	21,284



Operating Expense Summary
(Dollars in Thousands)

	FY20-21 Actual	FY21-22 Est Actual	FY22-23 Budget	FY23-24 Budget
Pump Stations	1,143	1,344	1,220	1,223
Tank, Res, Wells	96	143	102	105
System Ops	68	43	35	37
Distribution	510	136	283	295
Recycled Water Total	1,817	1,666	1,640	1,660
PWP - Demonstration Proj.	1,316	590	1,052	1,068
Sewers	580	566	637	680
Reclamation	10,160	9,012	10,225	10,902
Composting	6,599	6,248	7,572	8,113
Centrate Treatment	298	353	383	399
Treatment Total	17,057	15,613	18,180	19,414
Administration	1,034	827	1,200	1,235
Total JPA Operations	21,804	19,262	22,710	24,059



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

	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
OPERATING REVENUES							
4235 RW Sales - LVMWD	\$1,503,857	\$1,799,462	\$1,991,716	\$1,954,050	\$1,589,924	\$2,037,475	\$2,051,967
4240 RW Sales - TWSD	564,870	597,313	646,628	573,984	504,050	653,148	657,724
4505 Other Income from Operations	45,736	47,367	48,182	65,000	2,907,452	50,000	50,000
4510 Compost Sales	811	0	4,047	15,000	3,148	15,000	15,000
TOTAL OPERATING REVENUES	\$2,115,274	\$2,444,142	\$2,690,573	\$2,608,034	\$5,004,574	\$2,755,623	\$2,774,691

LINE ITEM EXPLANATIONS

4235 Recycled Water Sales - LVMWD – Wholesale recycled water sales to Las Virgenes Municipal Water District. Wholesale rates are set to recover the costs of operating and administering the Recycled Water backbone distribution system. An additional amount, equal to the value of annual depreciation expense on the recycled water distribution system, is included in the wholesale recycled water rate.

Annual sales to each JPA partner is projected using the prior 3 years' average purchases by each JPA partner and adjusted as necessary for weather and outage conditions. For FY 2022-23 and FY 2023-24 sales are projected to be 4,769 AF.

4240 Recycled Water Sales - TWSD – Wholesale recycled water sales to Triunfo Water and Sanitation District. Wholesale rates are set in the same manner as described above.

4505 Other Income from Operations – Primarily rental of tank sites to cellular telephone providers. In FY 2021-22 the JPA also received a one-time "indifference payment" from Southern California Edison in the amount of \$2.8 million. The indifference payment compensates the JPA for the effects of "peak hours shift" costs that were approved by the California Public Utilities Commission.

4510 Compost Sales – Commercial sales of compost produced at the Rancho Las Virgenes Composting Facility.

**Las Virgenes - Triunfo
Joint Powers Authority
RW Pump Stations - 7511xx**

	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$26,909	\$20,490	\$12,370	\$28,287	\$21,629	\$30,000	\$31,200
5405.1 Electricity	848,108	954,691	1,059,069	915,000	1,193,545	1,000,000	1,000,000
5405.4 Water	265	352	385	0	306	500	500
5410 Supplies/Material	7,031	16,122	13,001	14,000	14,536	15,200	16,000
5415 Outside Services	600	15,315	0	8,000	0	8,000	8,000
Sub-total	\$882,913	\$1,006,972	\$1,084,824	\$965,287	\$1,230,015	\$1,053,700	\$1,055,700
MAINTENANCE DIVISION EXPENSE							
5500 Labor	66,279	2,034	784	55,271	453	58,234	60,563
5510 Supplies/Material	15,822	2,294	23,388	7,000	1,344	7,000	7,400
5515 Outside Services	20,718	6,607	480	34,250	52,363	55,000	57,400
Sub-total	\$102,819	\$10,935	\$24,652	\$96,521	\$54,160	\$120,234	\$125,363
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	87,263	30,139	21,656	118,108	36,707	28,461	30,467
7226 Allocated Operations Services	39,584	13,950	11,831	68,079	23,514	17,197	11,269
Sub-total	\$126,847	\$44,089	\$33,487	\$186,187	\$60,221	\$45,658	\$41,736
TOTAL EXPENSES	\$1,112,579	\$1,061,996	\$1,142,963	\$1,247,995	\$1,344,396	\$1,219,592	\$1,222,799

OPERATING EXPENSE LINE ITEM EXPLANATIONS

5400 Labor – Primarily labor hours worked by Water Treatment and Production and Water Reclamation personnel to operate and provide preventive maintenance to equipment and facilities at the various Joint Powers Authority pump stations.

5405.1 Energy – Energy costs for recycled water pump stations. Energy costs include electrical pumping charges from the Tapia plant SCE , recycled water pump station electrical pumping charges SCE , and the purchase of lower cost solar generated electricity from Solar City.

5410 Supplies/Materials – Funds to purchase supplies and materials used during annual preventive maintenance on JPA RW pump control valves.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

5500 Labor – Primarily labor hours worked by Maintenance Section personnel to perform major maintenance and repair tasks to pumps, motors, and other equipment at Joint Powers Authority JPA recycled water pump stations.

5510 Supplies/Materials – Funds to purchase supplies and materials used by staff for maintenance of JPA recycled water pump stations.

5515 Outside Services – Funds to hire any maintenance providers required to assist in maintaining the JPA recycled water pump stations. Expense is primarily related to pest control activities at JPA RW pump stations. Additional funding for FY 21-22 is for recycled water pump station paintings and coatings work.

**Las Virgenes - Triunfo
Joint Powers Authority
RW Tanks, Reservoirs and Wells - 7512xx**

	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	8,202	3,534	2,682	7,183	3,512	3,804	3,956
5405.1 Electricity	15,426	11,847	19,399	16,000	3,257	16,000	16,000
5405.4 Water	265	352	385	300	306	350	350
5410 Supplies/Material	523	1,048	8,144	2,500	18,079	18,900	19,800
5415 Outside Services	28,681	57,225	56,488	25,100	91,784	35,000	35,000
Sub-total	\$53,097	\$74,006	\$87,099	\$51,083	\$116,937	\$74,054	\$75,106
MAINTENANCE DIVISION EXPENSE							
5500 Labor	1,057	0	0	6,000	0	4,677	4,864
5510 Supplies/Material	59	0	1,806	0	2,586	2,700	2,900
5515 Outside Services	4,617	1,050	1,050	1,200	5,189	4,000	4,000
Sub-total	\$5,733	\$1,050	\$2,856	\$7,200	\$7,774	\$11,377	\$11,764
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	11,302	4,769	3,771	9,509	11,435	10,526	11,269
7226 Allocated Operations Services	3,771	2,206	1,981	5,481	7,344	6,361	7,008
Sub-total	\$15,073	\$6,975	\$5,752	\$14,990	\$18,779	\$16,887	\$18,277
TOTAL EXPENSES	\$73,903	\$82,031	\$95,707	\$73,273	\$143,490	\$102,318	\$105,147

OPERATING EXPENSE LINE ITEM EXPLANATIONS

5400 Labor – Funds for labor hours worked by Water Treatment and Production employees and Water Reclamation staff to operate and provide preventive maintenance at recycled water storage tanks and reservoirs and at well sites used to supplement inflow to Tapia WRF.

5405.1 Electricity – Funds for electrical energy used to power equipment at Cordillera Tank and to operate Westlake Wells 1 and 2.

5410 Supplies and Material – Funds miscellaneous supplies and materials for system operation including erosion/ runoff control, weed control and maintenance supplies.

5415 Outside Services – Funds to hire appropriate outside service providers to assist with the annual cleaning of Cordillera, Indian Hills, Reservoir 2 and Reservoir 3 to maintain the quality of the water within the recycled water distribution system. Includes funds for weed abatement and landscape maintenance.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

5500 Labor – Primarily labor hours worked by Maintenance Section personnel to provide maintenance.

5510 Supplies/Materials – Items required by staff to maintain the tanks, reservoirs and wells in the recycled water system.

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

	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$6,550	\$5,522	\$16,028	\$7,000	\$3,009	\$6,500	\$6,760
5420 Permits and Fee	88	88	88	100	132	100	100
Sub-total	\$6,638	\$5,610	\$16,116	\$7,100	\$3,141	\$6,600	\$6,860
MAINTENANCE DIVISION EXPENSE							
5500 Labor	0	0	563	803	491	600	624
5510 Supplies/Material	0	0	0	8,000	0	0	0
Sub-total	\$0	\$0	\$563	\$8,803	\$491	\$600	\$624
SPECIALTY EXPENSES							
5700 SCADA Services	0	0	0	1,000	27,128	2,000	2,000
5710.2 Technical Services	0	0	0	803	0	0	0
Sub-total	\$0	\$0	\$0	\$1,803	\$27,128	\$2,000	\$2,000
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	5,563	7,464	32,152	1,340	7,236	16,063	17,196
7226 Allocated Operations Services	2,523	3,456	18,776	772	4,629	9,707	10,696
Sub-total	\$8,086	\$10,920	\$50,928	\$2,112	\$11,865	\$25,770	\$27,892
TOTAL EXPENSES	\$14,724	\$16,530	\$67,607	\$19,818	\$42,625	\$34,970	\$37,376

OPERATING EXPENSE LINE ITEM EXPLANATIONS

5400 Labor – Primarily labor hours worked by Water Treatment and Production personnel to operate the distribution system, provide system reporting, and operate the SCADA system as these tasks relate to recycled water.

5420 Permits/Fees –This line item also includes bridge rental fees from the County of Los Angeles.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

5500 Labor – Primarily labor hours worked by Maintenance Section personnel to provide maintenance and electronic services.

SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

5700 SCADA Services – Labor and materials costs for services provided by Information Systems to maintain the SCADA system.

5710.2 Technical Services – The costs for any labor hours by Technical Services personnel for general assistance would be accumulated in this account.

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

	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$1,433	\$35,469	\$35,771	\$2,327	\$3,110	\$6,000	\$6,240
5410 Supplies/Material	0	21	0	500	3,056	3,200	3,300
5415 Outside Services	0	0	0	10,000	0	50,000	50,000
Sub-total	\$1,433	\$35,490	\$35,771	\$12,827	\$6,166	\$59,200	\$59,540
MAINTENANCE DIVISION EXPENSE							
5500 Labor	6,793	8,139	28,386	8,250	6,244	15,000	15,600
5510 Supplies/Material	2,070	3,482	8,447	8,000	3,853	10,000	8,000
5515 Outside Services	4,688	44,732	275,781	65,000	85,767	89,400	93,600
5520 Permits and Fee	0	0	1,619	500	653	2,000	2,000
Sub-total	\$13,551	\$56,352	\$314,234	\$81,750	\$96,516	\$116,400	\$119,200
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	8,431	58,862	101,673	15,268	21,135	66,959	71,680
7226 Allocated Operations Services	3,825	27,245	58,505	8,801	12,318	40,460	44,585
Sub-total	\$12,256	\$86,107	\$160,178	\$24,069	\$33,453	\$107,419	\$116,265
TOTAL EXPENSES	\$27,240	\$177,949	\$510,183	\$118,646	\$136,135	\$283,019	\$295,005

OPERATING EXPENSE LINE ITEM EXPLANATIONS

5400 Labor – Labor hours performed by Water Treatment and Production employees to perform preventive maintenance work associated with the recycled water distribution system. Preventive maintenance includes operating, testing, and overhauling recycled water main line valves, blow-offs, and air-vacuum valves.

5410 Supplies/Materials – Funds to purchase items needed during minor preventive maintenance tasks within the distribution system.

5415 Outside Services – Funds for raising valve boxes, manhole covers, and maintaining appurtenances.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

5500 Labor – Primarily labor hours worked by Construction Section personnel to provide maintenance and pipeline location in the recycled water distribution pipeline system.

5510 Supplies/Materials – Items required by staff to maintain the recycled water distribution system, such as valves, pipe, slurry backfill, etc. and to purchase materials for emergency repairs.

5515 Outside Services – Funds to hire any maintenance providers required to assist in maintaining the recycled water distribution system and to provide for emergency repairs as required.

5520 Permits/Fees – Funds to pay for various public works encroachment permits for repairs and inspections required by the cities and other regulatory agencies.

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

	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$0	\$0	\$151,218	\$134,000	\$75,915	\$125,000	\$130,000
5405.1 Electricity	0	936	16,851	39,000	21,317	45,000	45,000
5405.2 Telephone	0	257	1,201	0	592	600	600
5405.4 Water	0	5,476	58,990	0	4,255	4,500	4,500
5410 Supplies/Material	0	10,185	48,882	0	51,893	45,000	45,000
5415 Outside Services	0	13,140	263,742	55,100	70,442	70,000	70,000
5430 Capital Outlay	0	1,871	0	50,000	0	10,000	10,000
Sub-total	\$0	\$31,867	\$540,884	\$278,100	\$224,415	\$300,100	\$305,100
MAINTENANCE DIVISION EXPENSE							
5500 Labor	0	2,024	15,316	75,000	1,487	28,188	29,316
5510 Supplies/Material	0	10,966	8,946	10,000	299	7,500	7,500
5515 Outside Services	0	32,597	136,540	120,000	19,649	100,000	100,000
5518 Building Maintenance	0	1,964	7,115	70,000	13,053	70,000	50,000
5530 Capital Outlay	0	772	3,033	0	0		
Sub-total	\$0	\$48,323	\$170,951	\$275,000	\$34,488	\$205,688	\$186,816
SPECIALTY EXPENSES							
5700 SCADA Services	0	0	3,578	0	0	0	0
5715.2 Other Lab Services	0	0	84,567	180,000	86,784	180,000	180,000
Sub-total	\$0	\$0	\$88,145	\$180,000	\$86,784	\$180,000	\$180,000
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	0	2,725	321,185	479,270	147,413	228,018	244,101
7226 Allocated Operations Services	0	1,262	194,382	111,206	96,599	137,782	151,833
Sub-total	\$0	\$3,987	\$515,567	\$590,476	\$244,011	\$365,800	\$395,934
TOTAL EXPENSES	\$0	\$84,177	\$1,315,547	\$1,323,576	\$589,698	\$1,051,588	\$1,067,850

OPERATING EXPENSE LINE ITEM EXPLANATIONS

5400 Labor – Primarily labor hours worked by Water Treatment, Production, and Water Reclamation personnel to operate and provide preventive maintenance to demonstration project equipment.

5405.2 Energy – Energy costs to power pumps, filtration, and disinfection processes.

5410 Supplies/Materials – Funds to purchase items used during preventative maintenance and demonstration project equipment.

5415 Funds for research and testing and for artificial intelligence (A.I.) study (\$70,000 in FY 20-21).

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

5500 Labor – Primarily labor hours worked by Maintenance Section personnel to perform maintenance and repair tasks to pumps, motors, and other equipment and to develop maintenance protocols for full-scale water purification facility.

5510 Supplies/Materials – Funds to purchase supplies and materials used by staff for maintenance of the pure water demonstration facility.

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

	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$2,787	\$1,590	\$25,241	\$4,029	\$45,526	\$45,000	\$46,800
5405.1 Electricity	254	307	2,174	300	174	200	200
5420 Permits and Fee	472	472	472	8,000	708	500	500
Sub-total	\$3,513	\$2,370	\$27,887	\$12,329	\$46,409	\$45,700	\$47,500
MAINTENANCE DIVISION EXPENSE							
5500 Labor	55,165	15,982	84,622	47,438	85,836	65,000	67,600
5510 Supplies/Material	238	29	41,526	2,000	316	10,000	10,000
5515 Outside Services	80,804	26,820	68,603	30,000	63,238	50,000	50,000
Sub-total	\$136,207	\$42,831	\$194,751	\$79,438	\$149,390	\$125,000	\$127,600
SPECIALTY EXPENSES							
5710.2 Technical Services	1,313	0	0	2,237	0	0	0
Sub-total	\$1,313	\$0	\$0	\$2,237	\$0	\$0	\$0
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	61,043	23,670	218,975	76,729	223,116	290,576	311,071
7226 Allocated Operations Services	27,690	10,955	138,520	44,228	146,847	175,586	193,490
Sub-total	\$88,733	\$34,625	\$357,495	\$120,956	\$369,963	\$466,162	\$504,561
TOTAL EXPENSES	\$229,766	\$79,826	\$580,133	\$214,960	\$565,762	\$636,862	\$679,661

OPERATING EXPENSE LINE ITEM EXPLANATIONS

- 5400 Labor – Account used to accrue labor hours worked by Reclamation Treatment personnel for oversight of sewer system located within the Joint Powers Authority (U-1 Sanitation District) area.
- 5405 Utilities – These sub-accounts provide funds for the utilities used at the metering stations.
- 5420 Permits – Anticipated fees include County of Los Angeles pipeline rental fee and state water board permit fees .

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

- 5500 Labor – Primarily labor hours worked by maintenance personnel in the Joint Powers Authority sewers located within the Joint Powers Authority (U-1 Sanitation District) area.
- 5510 Supplies/Materials – Items required by staff in maintaining the trunk sewer system. Increased funding is to replace manhole rings and covers.
- 5515 Outside Services – Funds to hire maintenance providers for emergency clean up and repairs, sewer flow monitoring, line cleaning and video inspection services.

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

	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	1,399,815	1,488,147	1,474,239	1,500,000	\$1,336,782	\$1,541,721	\$1,603,390
5405.1 Electricity	648,935	734,050	682,649	525,000	483,235	551,300	577,500
5405.2 Telephone	17,199	35,059	30,162	20,000	38,665	21,000	22,000
5405.3 Natural Gas	11,395	12,562	15,967	10,000	18,746	10,500	11,000
5405.4 Water	5,837	5,934	6,087	5,500	1,442	5,800	6,050
5410 Supplies/Material	43,442	41,624	42,391	35,000	26,337	36,800	38,500
5410.1 Fuel	10,558	10,103	17,101	17,000	10,553	25,000	25,000
5410.5 Ferric Chloride	35,505	61,227	59,307	60,000	34,267	63,000	66,000
5410.6 Defoamer/Deodorant	3,981	2,090	4,222	4,120	5,000	7,500	7,800
5410.9 Alum	11,127	19,543	20,284	12,000	11,539	12,600	13,200
5410.10 Sodium Hypochlorite	297,177	355,165	359,026	230,000	297,763	275,000	280,000
5410.11 Sodium Bisulfite	91,143	108,663	138,143	115,936	126,932	121,800	127,600
5410.13 Aqua Ammonia	30,616	27,685	24,521	31,699	27,806	33,300	34,869
5415 Outside Services	48,133	51,608	54,121	120,650	61,366	126,700	132,700
5417 Odor Control	38,596	41,624	29,259	40,000	64,055	50,000	50,000
5420 Permits and Fee	91,082	102,819	110,691	102,001	200,396	112,200	117,200
5425 Consulting Services	46,286	37,603	0	90,000	5,906	42,000	44,000
5430 Capital Outlay	98,630	81,970	101,754	50,000	100,000	120,000	125,000
Sub-total	\$2,929,457	\$3,217,476	\$3,169,924	\$2,968,906	\$2,850,790	\$3,156,221	\$3,281,809
MAINTENANCE DIVISION EXPENSE							
5500 Labor	488,598	646,852	384,116	542,000	170,161	134,062	139,424
5510 Supplies/Material	180,230	234,945	212,827	140,000	239,796	180,000	189,000
5515 Outside Services	94,820	163,264	105,236	135,000	88,666	141,800	148,500
5518 Building Maintenance	87,276	113,830	100,120	201,630	88,311	211,800	221,800
5530 Capital Outlay	26,094	0	0	70,000	70,000	73,500	75,000
Sub-total	\$877,018	\$1,158,891	\$802,299	\$1,088,630	\$656,934	\$741,162	\$773,724
EFFLUENT DISPOSAL							
6788 District Sprayfield	314,316	269,119	349,597	275,000	416,924	288,800	302,500
6789 005 Discharge	10,917	13,019	207	400	6,883	500	500
Sub-total	\$325,233	\$282,138	\$349,804	\$275,400	\$423,807	\$289,300	\$303,000
SPECIALTY EXPENSES							
5700 SCADA Services	44,094	52,909	89,567	61,786	67,456	64,900	68,000
5710.2 Technical Services	0	4,572	0	4,325	4,500	4,600	4,750
5715.2 Other Lab Services	149,325	144,302	157,235	143,000	138,923	150,200	157,000
7202 Allocated Lab Expense	402,279	510,683	535,501	475,000	596,177	661,084	715,404
Sub-total	\$595,698	\$712,465	\$782,303	\$684,111	\$807,056	\$880,784	\$945,154
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	2,045,414	2,909,344	3,282,592	2,454,968	2,596,056	3,334,546	3,569,761
7226 Allocated Operations Services	889,119	1,346,686	1,889,617	950,968	1,704,467	2,024,821	2,230,673
Sub-total	\$2,934,533	\$4,256,030	\$5,172,209	\$3,405,936	\$4,300,523	\$5,359,367	\$5,800,434
TOTAL EXPENSES	\$7,661,939	\$9,627,001	\$10,276,539	\$8,422,983	\$9,039,109	\$10,426,834	\$11,104,121

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

	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	876,658	932,103	1,041,874	891,001	\$915,634	\$1,284,779	\$1,336,170
5405.1 Electricity	317,993	254,983	375,537	365,000	429,482	448,700	470,000
5405.2 Telephone	14,520	20,525	21,504	12,000	26,947	28,500	29,000
5405.3 Natural Gas	4,317	4,218	5,389	11,400	8,586	9,600	10,000
5405.4 Water	3,909	5,433	7,598	4,800	17,791	18,600	19,500
5410 Supplies/Material	29,724	22,712	31,041	28,450	24,055	25,300	26,500
5410.1 Fuel	4,338	2,323	5,812	5,000	8,901	12,100	12,700
5410.7 Polymer	149,870	102,998	100,891	147,000	159,266	200,000	220,000
5410.8 Amendment	48,336	28,026	279,407	135,000	172,700	166,400	174,400
5415 Outside Services	258,280	293,205	1,400	33,000	33,000	34,000	35,000
5417 Odor Control	37,014	0	147,778	145,000	145,000	210,000	240,000
5420 Permits and Fee	15,047	14,716	15,066	20,000	10,844	10,900	11,900
5430 Capital Outlay	0	0	0	40,000	40,000	40,000	40,000
Sub-total	\$1,760,006	\$1,681,242	\$2,033,298	\$1,837,651	\$1,992,207	\$2,488,879	\$2,625,170
MAINTENANCE DIVISION EXPENSE							
5500 Labor	594,660	445,009	468,453	533,000	264,114	754,552	784,734
5510 Supplies/Material	230,902	145,682	128,199	114,000	239,372	273,900	287,000
5515 Outside Services	133,943	118,435	208,559	135,000	96,947	109,400	114,600
5518 Building Maintenance	43,539	88,809	64,985	97,015	39,211	45,600	47,700
Sub-total	\$1,003,044	\$797,935	\$870,196	\$879,015	\$639,643	\$1,183,452	\$1,234,034
SPECIALTY EXPENSES							
5700 SCADA Services	11,911	19,439	25,311	0	25,152	27,200	28,500
5710.2 Technical Services	0	9,607	0	8,799	0	0	0
5712 Compost Sales/Use Tax	2,989	0	8,456	4,000	2,139	4,000	4,000
5715.2 Other Lab Services	8,093	5,384	8,489	8,000	7,236	7,000	7,400
7202 Allocated Lab Expense	13,189	16,744	17,557	18,912	19,547	21,675	23,456
Sub-total	\$36,182	\$51,173	\$59,814	\$39,711	\$54,074	\$59,875	\$63,356
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	1,648,049	1,998,561	2,315,356	1,941,968	2,159,502	2,713,526	2,904,925
7226 Allocated Operations Services	746,318	925,087	1,320,421	971,968	1,402,313	1,640,013	1,807,226
Sub-total	\$2,394,367	\$2,923,648	\$3,635,777	\$2,913,936	\$3,561,815	\$4,353,539	\$4,712,151
TOTAL EXPENSES	\$5,193,599	\$5,453,998	\$6,599,085	\$5,670,313	\$6,247,738	\$8,085,745	\$8,634,711

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

	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
OPERATIONS DIVISION EXPENSE							
5405.1 Electricity	64,838	70,582	74,316	70,000	49,127	46,900	49,200
5405.4 Water	1,673	1,937	2,125	1,700	2,670	3,000	3,200
5410 Supplies/Material	876	0	795	500	0	500	500
5410.1 Fuel	2,909	1,968	2,256	3,000	3,278	4,600	4,800
5415 Outside Services	0	0	0	0	0	50,000	50,000
5420 Permits and Fee	75,887	87,071	94,478	90,000	167,771	114,400	115,500
Sub-total	\$146,183	\$161,558	\$173,969	\$165,200	\$222,847	\$219,400	\$223,200
MAINTENANCE DIVISION EXPENSE							
5500 Labor	29,832	18,626	\$15,869	\$23,970	\$4,249	3,500	3,640
5510 Supplies/Material	2,484	24,600	10,434	15,000	27,747	25,000	27,000
5515 Outside Services	22,455	4,302	5,971	17,000	10,877	11,700	12,200
Sub-total	\$54,771	\$47,528	\$32,273	\$55,970	\$42,873	\$40,200	\$42,840
SPECIALTY EXPENSES							
5715.2 Other Lab Services	1,114	1,739	5,603	3,000	6,304	5,700	5,900
7202 Allocated Lab Expense	26,379	33,487	35,115	37,824	39,094	43,350	46,912
Sub-total	\$27,493	\$35,226	\$40,717	\$40,824	\$45,398	\$49,050	\$52,812
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	31,110	25,999	30,881	30,266	25,791	45,632	48,850
7226 Allocated Operations Services	11,573	12,031	19,933	17,446	16,491	28,218	31,056
Sub-total	\$42,683	\$38,030	\$50,814	\$47,712	\$42,282	\$73,850	\$79,906
TOTAL EXPENSES	\$271,130	\$282,342	\$297,773	\$309,706	\$353,400	\$382,500	\$398,758

OPERATING EXPENSE LINE ITEM EXPLANATIONS

5400 Labor – Labor hours for farm operations including centrate treatment and potential biosolids injection.
5410.1 Fuel – Diesel fuel for use on site.
5420 Permits and Fees – RWQCB permit fees for biosolids injection and SCAQMD permits for the generator, carbon scrubber, and biofilter..

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

5500 Labor – Primarily labor hours worked by Maintenance Section personnel to provide maintenance services.
5515 Outside Services – Funds to hire any maintenance providers required to assist in building maintenance such as janitor, alarms, trash collection, etc. Increased funding due to maintenance of equipment associated with centrate treatment. Other services include compressor maintenance; refuse disposal, pest control and security services.

SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

5710.2 Technical Services – The costs for any labor hours by Technical Services personnel for assistance would be accumulated in this account.
5715 Laboratory Services – Tapia Laboratory service and outside laboratory service costs are charged to these accounts.

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

	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Actual	FY 21-22 Budget	FY 21-22 Est Actual	FY 22-23 Budget	FY 23-24 Budget
PUBLIC INFORMATION							
6602 School Education Program	2,586	0	0	20,000	15,000	15,000	15,000
6604 Public Education Program	29,554	16,267	35,112	20,842	1,465	21,000	21,000
6606 Community Group Outreach	0	0	0	8,000	5,000	5,000	5,000
6608 Intergovernmental Coordination	411	0	0	5,000	2,500	2,500	2,500
Sub-total	\$32,551	\$16,267	\$35,112	\$53,842	\$23,965	\$43,500	\$43,500
ADMINISTRATIVE EXPENSES							
6872 Litigation/Outside Services	208,746	100,903	6,248	0	15,269	15,880	16,515
6516 Other Professional Services	266,417	182,895	244,407	156,600	129,619	162,864	169,379
6517 Audit Fees	3,377	6,000	0	6,000	6,000	3,850	3,850
7135.1 Property Insurance	79,858	113,262	127,923	0	121,076	189,645	208,609
7135.4 Earthquake Insurance	117,389	119,864	123,161	0	107,667	141,019	141,879
7145 Claims Paid	0	685,000	0	0	0	0	0
7153 TWSD Staff Services	0	0	0	6,000	5,000	5,000	5,000
6260 Rental Charge - Facility Repl	377,618	355,452	358,409	383,316	300,894	331,780	331,145
7203 Allocated Building Maint	153,010	102,595	137,766	96,642	81,411	102,294	105,024
7225 Allocated Support Services	162,188	7,551	985	342,500	0	135,000	135,000
7226 Allocated Operations Services	3,977	3,495	313	10,728	35,837	69,184	74,918
Sub-total	\$1,372,580	\$1,677,018	\$999,212	\$1,001,786	\$802,772	\$1,156,516	\$1,191,319
TOTAL EXPENSES	\$1,405,131	\$1,693,285	\$1,034,324	\$1,055,628	\$826,737	\$1,200,016	\$1,234,819

6602 School Education Program – Wastewater education initiatives, programs and tours. Also includes programs designed to accommodate home-school students.

6606 Community Group Outreach – JPA related publications and community group outreach related to watershed stewardship and NPDES permit, and speaker's bureau expenses.

6608 Intergovernmental Coordination – Programmed funds include support for intergovernmental activities such as legislative monitoring and activities with the state legislature, county, cities, school districts, federal agencies and regulatory bodies.

6516 Other Professional Services – Federal and State Regulatory Advocacy for securing funding and providing input on regulatory issues.

6517 Audit Fees – Joint Powers Authority's share of costs related to financial statement audit.

7135 General Insurance – Property insurance costs.

6260 Rental Charge – Facilities Replacement – Internal charge to set aside funds for future facilities replacement.

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
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10520	SCADA System Communication Upgrades	Nkwenji	2 Ongoing	Appr. \$93,100 Exp.. \$32,447	\$0	\$644,000
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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:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

10635	Pure Water Project	Schlageter	2 Ongoing	Appr. \$12,473,632 Exp.. \$7,067,575	\$0	\$13,251,040
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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%.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

10668	Rancho Las Virgenes Storm Water Diversion Structure Replacement	Hurtado	1 Proposed	Appr. \$0 Exp.. \$3,746	\$3,746	\$171,900
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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

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
10693	Pavement Restoration Rancho	Dingman	3 Proposed	Appr. \$533,320 Exp.. \$0	\$0	\$0

Pavement restoration/slurry seal at Rancho. This project needs to occur after project No.'s 10668 (Storm water Structure Repair) and 201862 (Rancho Valving Repairs).

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

10702	Tapia Effluent Pump Station 4160 Volt Feeder Relocation	Gil	2 Proposed	Appr. \$496,000 Exp.. \$17,458	\$0	\$0
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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.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

10703	Tapia Tertiary Filter Rehabilitation	Dingman	2 Proposed	Appr. \$60,000 Exp.. \$0	\$0	\$50,000
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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

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
10711	Rancho Reliability Improvement - FY25-32	Dingman	2 Proposed	Appr. Exp..	\$0	\$0

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.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

10724	Multi Site Security Assessment and Improvement - JPA	Nkwenji	2 Proposed	Appr. Exp..	\$90,420 \$0	\$14,580	\$343,200
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Security assessment of various District sites and facilities. This will include access control and security camera installations and improvements.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

10737	Tapia Flow Equalization - Design/Construct	Schlageter	1 Proposed	Appr. Exp..	\$350,000 \$0	\$100,000	\$3,330,000
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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.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
10741	Concrete Corrosion/Crack Repair - Tapia	Triplett	1 Proposed	Appr. \$132,000 Exp.. \$0	\$0	\$264,000

Repair failing concrete at the Tapia Water Reclamation Facility.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

10743	Fire Hardening - JPA Facilities - FY22-23 & FY23-24	Korkosz	1 Proposed	Appr. \$528,000 Exp.. \$0	\$0	\$264,000
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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.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

10745	003 Discharge Point Rehabilitation	Dingman	1 Proposed	Appr. \$669,300 Exp.. \$72,951	\$0	\$555,000
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Evaluate and repair failed 003 Discharge point pipeline (into Malibu Creek). The proposed work includes environmental documents and construction of needed to rehabilitate the discharge point. 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 inspected.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
10747	New RAS Wet Well and Pumps	Dingman	2 Proposed	Appr. Exp..	\$120,000 \$0	\$0 \$0

Replace RAS wet well and pumps to increase pumping capacity and reliability.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

10748	Centrate Tank Inspection and Rehabilitation Assessment	Dingman	2 Proposed	Appr. Exp..	\$10,000 \$0	\$122,000 \$0
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Tank inspection and recommendations for rehabilitation.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

10749	Tapia Influent Pump Replacement	Dingman	2 Proposed	Appr. Exp..	\$0 \$0	\$0 \$0
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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 Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
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10752	Tapia Sludge Wet Well Re-circulation Piping Replacement	Triplett	2 Proposed	Appr. \$62,800 Exp.. \$0	\$0	\$50,000
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The re-circulation (mixing) piping at the Tapia sludge wet wells is corroded and develops leaks. This project replaces this piping.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

10753	Tapia Air Line Repair	Dingman	1 Proposed	Appr. \$50,000 Exp.. \$0	\$280,000	\$0
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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.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

10754	Rancho Valving In Street Replacement	Dingman	2 Proposed	Appr. \$0 Exp.. \$0	\$396,000	\$0
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Replace the broken or damaged R.E.W. and Potable Water valving throughout the facility.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
20185	Tapia Secondary Clarifier Rehabilitation	Dingman	1 Proposed	Appr. Exp..	\$0 \$0	\$847,000 \$0

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.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

20191	Tapia Effluent Pump Station Rehabilitation	Schlageter	3 Proposed	Appr. Exp..	\$0	\$5,522,500
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Increase reliability and safety of electrical feed as well as upgrade motor starting capabilities and pumps.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

20191	Tapia Control Building Improvements	Dingman	2 Proposed	Appr. Exp..	\$0	\$841,380
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The control building at Tapia is aging is in need of significant repairs, remodeling and other improvements.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
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20193	Rancho Fire Repair - Woolsey Fire - Reimbursement	Schlageter	2 Proposed	Appr. Exp..	\$0	\$0
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Anticipated reimbursement for IIP project number 201930.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

20193	JPA Facility Facilities Repair - Woolsey Fire - Reimbursement	Schlageter	2 Proposed	Appr. Exp..	\$0	\$0
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Anticipated reimbursement for IIP project number 201933.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

20193	Tapia Water Reclamation Facility Improvements - FY25-32	Dingman		Appr. Exp..	\$0	\$0
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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.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
20195	JPA Condition Assessment and Rehab Planning Hire engineering firm to assess all electrical systems and make recommendations on necessary rehab or replacement of switch gear, VFD's, transformers, switching, etc...	Korkosz	1	Appr. Exp..	\$100,000	\$0
Project Funding: PW Const.: RW Const.: SAN Const.: LVMWD Share: 70.6% PW Repl.: RW Repl.: SAN Repl.: 100% TWSD Share: 29.4%						
20195	Centrifuge Controls Upgrade Upgrade controls to improve electrical cost and better product.	Korkosz	1 Proposed	Appr. Exp..	\$158,400	\$0
Project Funding: PW Const.: RW Const.: SAN Const.: LVMWD Share: 70.6% PW Repl.: RW Repl.: SAN Repl.: 100% TWSD Share: 29.4%						
20195	Rancho Reliability Improvements - FY22-23 & FY23-24 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.	Dingman	2 Proposed	Appr. Exp..	\$132,000	\$132,000
Project Funding: PW Const.: RW Const.: SAN Const.: LVMWD Share: 70.6% PW Repl.: RW Repl.: SAN Repl.: 100% TWSD Share: 29.4%						

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
20195	Fire Hardening - JPA Facilities - FY5-32-32	Korkosz	3 Proposed	Appr. Exp..	\$0	\$0

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.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	100%	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.:		TWSD Share:	29.4%

20196	Tapia Water Reclamation Facility Improvements - FY22-23 & FY23-24	Dingman	2 Proposed	Appr. Exp..	\$132,000	\$132,000
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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.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:		LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.:	100%	TWSD Share:	29.4%

20196	TAPIA ALUMINUM SULFATE TANK REPLACEMENT	Dingman	1 Proposed	Appr. Exp..	\$816,000	\$396,000
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Replace aging sodium bisulfite tank that is leaking. Project includes feed pump and delivery pipeline.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:		LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.:	100%	TWSD Share:	29.4%

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
20196	Rancho Control Building HVAC Replacement	Dingman	2 Proposed	Appr. Exp..	\$330,000	\$0

Replace HVAC at Rancho Control Building. Has reached end of useful life and is not feasible to replace existing unit.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.:	TWSD Share:	29.4%

20196	Malibou Lake Siphon Project	Korkosz	1 Proposed	Appr. Exp..	\$1,337,000	\$0
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Repair Malibou Lake Siphon to address inflow and infiltration at the site.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	?
PW Repl.:	RW Repl.:	SAN Repl.:	TWSD Share:	?

20196	Rancho Las Virgenes - New Flare	Dingman	1 Proposed	Appr. Exp..	\$150,000	\$555,000
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Design and install a new larger flare that can handle all of the digester gas flow (over 100 scfm). The current flare, which has a limited capacity of 75 scfm will remain in place to provide redundancy. The current flare does not have the capacity to dispose of all of the digester gas.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.:	TWSD Share:	29.4%

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
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20197	Trunk Sewer System Improvements - Out Years	Korkosz	2 Proposed	Appr. Exp..	\$0	\$0
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Maintain and repair trunk sewer system (pairs with 10756).

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

20197	Recycled Water Pump Station Battery Energy Storage System (BESS)	Zhao	1 Proposed	Appr. Exp..	\$1,381,950	\$0
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Development and installation of a 2,682 kilowatt-hour battery storage system at the Recycled Water Pumping Station (RWPS). The anticipated \$1.38 million capital investment will be mostly offset by SGIP funding in the amount of \$1.17 million.

Project Funding:

PW Const.:	RW Const.: 100%	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.:	TWSD Share:	29.4%

20197	OFFSET OF IIP #201974 - RWPS Battery Energy Storage System	Zhao	1 Proposed	Appr. Exp..	\$0	\$0
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SGIP funding to offset

Project Funding:

PW Const.:	RW Const.: 100%	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.:	TWSD Share:	29.4%

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
20197	Indian Hills	Hurtado	3 Proposed	Appr. Exp..	\$0	\$0

Indian Hills RW Tank Rehabilitation.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.: 100%	SAN Repl.:	TWSD Share:	29.4%

20198	UNFUND - Rancho Valving In Street (#10754)			Appr. Exp..	\$0	\$0
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*** UNFUND

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

60030	Grit Chamber Mixing System Replacement	Dingman	3 Proposed	Appr. Exp..	\$0	\$198,000
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Replace grit chamber mixing system with a more efficient mixing system.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:	LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.: 100%	TWSD Share:	29.4%

Capital Improvement Project Detail, FY2022-23 - FY2023-24

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2022	FY 22-23 Appropriations	FY 23-24 Appropriations
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60032	Pavement Restoration Tapia	Dingman	3 Proposed	Appr. Exp..	\$0 \$0	\$0 \$0
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Pavement restoration/slurry seal at Tapia.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:		LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.:	100%	TWSD Share:	29.4%

80748	Rancho: Replace Agitators	Dingman	3 Proposed	Appr. Exp..	\$1,304,250	\$0
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Purchase new compost agitators to replace the existing ones.

Project Funding:

PW Const.:	0%	RW Const.:	0%	SAN Const.:	0%	LVMWD Share:	70.6%
PW Repl.:	0%	RW Repl.:	0%	SAN Repl.:	100%	TWSD Share:	29.4%

99909	Rancho Las Virgenes SCADA Improvements	Nkwenji	2 Complete	Appr. Exp..	\$855,000	\$264,000
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Upgrade Process Control and Instrumentation System (PCIS) at Rancho. Rancho's PLC and HMI systems are inconsistent with the current District Standards for Operational Technology.

Project Funding:

PW Const.:	RW Const.:	SAN Const.:		LVMWD Share:	70.6%
PW Repl.:	RW Repl.:	SAN Repl.:	100%	TWSD Share:	29.4%

Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

JPA Partner Cost Share

	<u>FY 22/23</u>	<u>FY 23/24</u>
Sanitation Construction	\$ -	\$ -
Sanitation Replacement	\$ 9,281,653	\$ 19,036,598
RW Conservation	\$ 149,637	\$ -
RW Replacement	\$ -	\$ -
LVMWD Share	\$ 9,431,290	\$ 19,036,598

	<u>FY 22/23</u>	<u>FY 23/24</u>
Sanitation Construction	\$ -	\$ -
Sanitation Replacement	\$ 3,856,264	\$ 7,927,422
RW Conservation	\$ 62,313	\$ -
RW Replacement	\$ -	\$ -
TWSD Share	\$ 3,918,577	\$ 7,927,422
Total Costs	\$ 13,349,867	\$ 26,964,020

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LVMWD REPORT # 2816.00
4232 LAS VIRGENES ROAD
CALABASAS, CALIFORNIA 91302-1994
TELEPHONE: (818) 251-2100
LOS ANGELES COUNTY, CALIFORNIA

**LAS VIRGENES – TRIUNFO JOINT POWERS AUTHORITY
INFRASTRUCTURE INVESTMENT PLAN (IIP)**

FISCAL YEAR 2022/23 – FISCAL YEAR 2031/32

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Section 1

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Las Virgenes - Triunfo Joint Powers Authority
Infrastructure Investment Plan
FY 22/23 through FY 31/32

Overview

The Capital Improvement Plan or Infrastructure Investment Plan (Plan) is a planning document used to identify, prioritize and establish baseline expenditures for facility improvements or replacement projects which ensure the Las Virgenes - Triunfo Joint Powers Authority can consistently meet the needs of the public, both for now and into the future.

This ten year Plan reviews anticipated work over an extended planning horizon and updates planned spending for previously identified programs. Additionally, the ten year plan provides a basis for developing long term financial plans and for anticipating agency cash flow needs.

The information provided in this Plan is intended to inform the reader of current and proposed capital improvement projects, their status and potential costs.

This ten year Plan has been prepared and reviewed by staff to confirm the priority and need of ongoing and candidate projects for funding consideration and accomplishment. The Plan incorporates facility needs identified by a number of sources. These include: integration of new facility improvements identified in master planning documents; implementation of actions recommended in major studies; the facilities or programs necessary to meet regulatory compliance requirements; and, maintenance, repair, or replacement of component systems to continue normal operations.

The Plan places the prospective projects into various program years to organize them over the planning period. Because of the complexity of facility planning, either deferral or speeding up of projects may occur. These changes are dealt with in the Annual Budget and are amended in the next year's Plan.

Assumptions

Significant drivers influencing the development of the Infrastructure Investment Plan ("Plan") include: 1) regulatory and policy issues effecting LVMWD and JPA operations; 2) master plan recommended facility replacement and repair; and 3) internally developed programs to improve service delivery and efficiency. Some examples include:

- Projects related to proposed regulatory standards for Malibu Creek and their impact to the Tapia Water Reclamation Facility (Tapia) are included in this plan.
- Significant effort will continue towards indirect potable reuse through the Pure Water Project (10635)
- Repair and replacement projects for JPA facilities will be scheduled for long term protection of agencies' investment and to improve operational efficiencies.

Summary

This ten year Plan reflects the previous trend on placing emphasis on "replacement-funded" projects for Sanitation and Recycled Water facilities. The proposed expenditures reflect the replacement of maturing district infrastructure and the need to replace, upgrade or refurbish existing systems to continue to provide high quality, reliable service.

Major projects scheduled over the next two years are identified below.

Pure Water Project - (10635)

Programs

- Rancho Reliability Improvements (201955)
- Tapia Water Reclamation Facility Improvements (201965)
- Fire Hardening JPA Facilities (201959)

Recycled Water System

- Recycled Water Pump Station Battery Energy Storage System (BESS) (201974)

-

Rancho / Farm

- Centrate Tank Inspection and Rehabilitation (10748)
- Rancho Valving In Street Replacement (10754)
- Rancho: Replace Agitators (80748)
- Rancho SCADA Improvements (99909)

Tapia

- Tapia Effluent Pump Station 4160 Volt Feeder Relocation (10702)
- Tapia Flow Equalization (10737)
- 003 Discharge Point Rehabilitation (10745)

Sewer Lift Stations

- Malibou Lake Siphon Project (201968)

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Section 2

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Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

JPA Partner Cost Share

	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	0-Year Total
P/W Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
P/W Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sanitation Construction	\$0	\$0	\$186,384	\$0	\$0	\$186,384	\$186,384	\$186,384	\$186,384	\$186,384	\$1,118,304
Sanitation Replacement	\$5,661,577	\$9,681,364	\$4,137,019	\$2,060,249	\$2,076,035	\$1,572,262	\$1,191,728	\$1,191,728	\$1,191,728	\$1,191,728	\$29,955,418
RW Conservation	\$149,637	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$149,637
RW Replacement	\$0	\$0	\$0	\$669,288	\$404,369	\$0	\$0	\$0	\$0	\$0	\$1,073,657
LVMWD Share	\$5,811,214	\$9,681,364	\$4,323,403	\$2,729,537	\$2,480,404	\$1,758,646	\$1,378,112	\$1,378,112	\$1,378,112	\$1,378,112	\$32,297,015

	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	0-Year Total
Sanitation Construction	\$0	\$0	\$77,616	\$0	\$0	\$77,616	\$77,616	\$77,616	\$77,616	\$77,616	\$465,696
Sanitation Replacement	\$2,348,753	\$4,031,616	\$1,722,781	\$857,951	\$864,525	\$654,738	\$496,272	\$496,272	\$496,272	\$496,272	\$12,465,452
RW Conservation	\$62,313	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$62,313
RW Replacement	\$0	\$0	\$0	\$278,712	\$168,391	\$0	\$0	\$0	\$0	\$0	\$447,103
TWSD Share	\$2,411,066	\$4,031,616	\$1,800,397	\$1,136,663	\$1,032,916	\$732,354	\$573,888	\$573,888	\$573,888	\$573,888	\$13,440,565
Total Costs	\$8,222,280	\$13,712,980	\$6,123,800	\$3,866,200	\$3,513,320	\$2,491,000	\$1,952,000	\$1,952,000	\$1,952,000	\$1,952,000	\$45,737,580

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Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

EXPENSE BY ENTERPRISE

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
Recycled Water												
201974	Recycled Water Pump Station Battery Energy Storage System (BESS)	1,381,950	0	0	0	0	0	0	0	0	0	1,381,950
201975	OFFSET OF IIP #201974 - RWPS Battery Energy Storage System	-1,170,000	0	0	0	0	0	0	0	0	0	-1,170,000
201976	Indian Hills	0	0	0	948,000	572,760	0	0	0	0	0	1,520,760
	SUB-TOTAL Recycled Water	\$211,950	\$0	\$0	\$948,000	\$572,760	\$0	\$0	\$0	\$0	\$0	\$1,732,710
Sanitation												
10520	SCADA System Communication Upgrades	24,750	644,000	314,000	314,000	314,000	314,000	314,000	314,000	314,000	314,000	3,180,750
10668	Rancho Las Virgenes Storm Water Diversion Structure Replacement	0	171,900	0	0	0	0	0	0	0	0	171,900
10693	Pavement Restoration Rancho	0	0	0	0	0	539,000	0	0	0	0	539,000
10702	Tapia Effluent Pump Station 4160 Volt Feeder Relocation	165,000	0	0	0	0	0	0	0	0	0	165,000
10703	Tapia Tertiary Filter Rehabilitation	0	50,000	396,000	0	0	0	0	0	0	0	446,000
10711	Rancho Reliability Improvement - FY25-32	0	0	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	1,056,000
10724	Multi Site Security Assessment and Improvement - JPA	105,000	343,200	316,800	343,200	142,560	0	0	0	0	0	1,250,760
10737	Tapia Flow Equalization - Design/Construct	450,000	3,330,000	3,330,000	0	0	0	0	0	0	0	7,110,000
10741	Concrete Corrosion/Crack Repair - Tapia	50,000	264,000	0	0	0	0	0	0	0	0	314,000

Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

EXPENSE BY ENTERPRISE

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
10743	Fire Hardening - JPA Facilities - FY22-23 & FY23-24	264,000	264,000	0	0	0	0	0	0	0	0	528,000
10745	003 Discharge Point Rehabilitation	555,000	555,000	0	0	0	0	0	0	0	0	1,110,000
10747	New RAS Wet Well and Pumps	0	0	120,000	1,342,000	0	0	0	0	0	0	1,462,000
10748	Centrate Tank Inspection and Rehabilitation Assessment	132,000	0	0	0	0	0	0	0	0	0	132,000
10749	Tapia Influent Pump Replacement	0	0	0	100,000	1,665,000	0	0	0	0	0	1,765,000
10752	Tapia Sludge Wet Well Re-circulation Piping Replacement	0	50,000	132,000	0	0	0	0	0	0	0	182,000
10753	Tapia Air Line Repair	330,000	0	0	0	0	0	0	0	0	0	330,000
10754	Rancho Valving In Street Replacement	396,000	0	0	0	0	0	0	0	0	0	396,000
201858	Tapia Secondary Clarifier Rehabilitation	847,000	0	0	0	0	0	0	0	0	0	847,000
201913	Tapia Effluent Pump Station Rehabilitation	0	5,522,500	0	0	0	0	0	0	0	0	5,522,500
201916	Tapia Control Building Improvements	0	841,380	0	0	0	0	0	0	0	0	841,380
201930	Rancho Fire Repair - Woolsey Fire - Reimbursement	-147,070	0	0	0	0	0	0	0	0	0	-147,070
201933	JPA Facility Facilities Repair - Woolsey Fire - Reimbursement	-80,000	0	0	0	0	0	0	0	0	0	-80,000
201938	Tapia Water Reclamation Facility Improvements - FY25-32	0	0	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	1,056,000
201951	JPA Condition Assessment and Rehab Planning	100,000	0	0	0	0	0	0	0	0	0	100,000
201952	Centrifuge Controls Upgrade	158,400	0	0	0	0	0	0	0	0	0	158,400

Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

EXPENSE BY ENTERPRISE

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
201955	Rancho Reliability Improvements - FY22-23 & FY23-24	132,000	132,000	0	0	0	0	0	0	0	0	264,000
201959	Fire Hardening - JPA Facilities - FY5-32-32	0	0	264,000	0	0	264,000	264,000	264,000	264,000	264,000	1,584,000
201965	Tapia Water Reclamation Facility Improvements - FY22-23 & FY23-24	132,000	132,000	0	0	0	0	0	0	0	0	264,000
201966	TAPIA ALUMINUM SULFATE TANK REPLACEMENT	816,000	396,000	0	0	0	0	0	0	0	0	1,212,000
201967	Rancho Control Building HVAC Replacement	330,000	0	0	0	0	0	0	0	0	0	330,000
201968	Malibou Lake Siphon Project	1,337,000	0	0	0	0	0	0	0	0	0	1,337,000
201969	Rancho Las Virgenes - New Flare	150,000	555,000	0	0	0	0	0	0	0	0	705,000
201972	Trunk Sewer System Improvements - Out Years	0	0	555,000	555,000	555,000	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	7,215,000
201985	UNFUND - Rancho Valving In Street (#10754)	-396,000	0	0	0	0	0	0	0	0	0	-396,000
60030	Grit Chamber Mixing System Replacement	0	198,000	0	0	0	0	0	0	0	0	198,000
60032	Pavement Restoration Tapia	0	0	432,000	0	0	0	0	0	0	0	432,000
80748	Rancho: Replace Agitators	1,304,250	0	0	0	0	0	0	0	0	0	1,304,250
99909	Rancho Las Virgenes SCADA Improvements	855,000	264,000	0	0	0	0	0	0	0	0	1,119,000
SUB-TOTAL Sanitation		\$8,010,330	\$13,712,980	\$6,123,800	\$2,918,200	\$2,940,560	\$2,491,000	\$1,952,000	\$1,952,000	\$1,952,000	\$1,952,000	\$44,004,870
TOTAL ALL PROJECTS		\$8,222,280	\$13,712,980	\$6,123,800	\$3,866,200	\$3,513,320	\$2,491,000	\$1,952,000	\$1,952,000	\$1,952,000	\$1,952,000	\$45,737,580

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Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

Projects by Location

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
ADMINISTRATIVE												
10520	SCADA System Communication Upgrades	24,750	644,000	314,000	314,000	314,000	314,000	314,000	314,000	314,000	314,000	3,180,750
10724	Multi Site Security Assessment and Improvement - JPA	105,000	343,200	316,800	343,200	142,560	0	0	0	0	0	1,250,760
	SUB-TOTAL ADMINISTRATIVE	\$129,750	\$987,200	\$630,800	\$657,200	\$456,560	\$314,000	\$314,000	\$314,000	\$314,000	\$314,000	\$4,431,510
O&M BUDGET ITEM												
201951	JPA Condition Assessment and Rehab Planning	100,000	0	0	0	0	0	0	0	0	0	100,000
	SUB-TOTAL O&M BUDGET ITEM	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
PROGRAMS												
201955	Rancho Reliability Improvements - FY22-23 & FY23-24	132,000	132,000	0	0	0	0	0	0	0	0	264,000
10711	Rancho Reliability Improvement - FY25-32	0	0	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	1,056,000
10743	Fire Hardening - JPA Facilities - FY22-23 & FY23-24	264,000	264,000	0	0	0	0	0	0	0	0	528,000
201959	Fire Hardening - JPA Facilities - FY5-32-32	0	0	264,000	0	0	264,000	264,000	264,000	264,000	264,000	1,584,000
201965	Tapia Water Reclamation Facility Improvements - FY22-23 & FY23-24	132,000	132,000	0	0	0	0	0	0	0	0	264,000
201938	Tapia Water Reclamation Facility Improvements - FY25-32	0	0	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	1,056,000
	SUB-TOTAL PROGRAMS	\$528,000	\$528,000	\$528,000	\$264,000	\$264,000	\$528,000	\$528,000	\$528,000	\$528,000	\$528,000	\$4,752,000
RANCHO/FARM												
10668	Rancho Las Virgenes Storm Water Diversion Structure Replacement	0	171,900	0	0	0	0	0	0	0	0	171,900
10693	Pavement Restoration Rancho	0	0	0	0	0	539,000	0	0	0	0	539,000

Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

Projects by Location

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
10748	Centrate Tank Inspection and Rehabilitation Assessment	132,000	0	0	0	0	0	0	0	0	0	132,000
10754	Rancho Valving In Street Replacement	396,000	0	0	0	0	0	0	0	0	0	396,000
201952	Centrifuge Controls Upgrade	158,400	0	0	0	0	0	0	0	0	0	158,400
201969	Rancho Las Virgenes - New Flare	150,000	555,000	0	0	0	0	0	0	0	0	705,000
80748	Rancho: Replace Agitators	1,304,250	0	0	0	0	0	0	0	0	0	1,304,250
99909	Rancho Las Virgenes SCADA Improvements	855,000	264,000	0	0	0	0	0	0	0	0	1,119,000
	SUB-TOTAL RANCHO/FARM	\$2,995,650	\$990,900	\$0	\$0	\$0	\$539,000	\$0	\$0	\$0	\$0	\$4,525,550

RECYCLED WATER

201974	Recycled Water Pump Station Battery Energy Storage System (BESS)	1,381,950	0	0	0	0	0	0	0	0	0	1,381,950
201975	OFFSET OF IIP #201974 - RWPS Battery Energy Storage System	-1,170,000	0	0	0	0	0	0	0	0	0	-1,170,000
201976	Indian Hills	0	0	0	948,000	572,760	0	0	0	0	0	1,520,760
	SUB-TOTAL RECYCLED WATER	\$211,950	\$0	\$0	\$948,000	\$572,760	\$0	\$0	\$0	\$0	\$0	\$1,732,710

SEWER/LIFT STATIONS

201968	Malibou Lake Siphon Project	1,337,000	0	0	0	0	0	0	0	0	0	1,337,000
201972	Trunk Sewer System Improvements - Out Years	0	0	555,000	555,000	555,000	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	7,215,000
	SUB-TOTAL SEWER/LIFT STATIONS	\$1,337,000	\$0	\$555,000	\$555,000	\$555,000	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$8,552,000

TAPIA

10702	Tapia Effluent Pump Station 4160 Volt Feeder Relocation	165,000	0	0	0	0	0	0	0	0	0	165,000
10703	Tapia Tertiary Filter Rehabilitation	0	50,000	396,000	0	0	0	0	0	0	0	446,000
10737	Tapia Flow Equalization - Design/Construct	450,000	3,330,000	3,330,000	0	0	0	0	0	0	0	7,110,000
10741	Concrete Corrosion/Crack Repair - Tapia	50,000	264,000	0	0	0	0	0	0	0	0	314,000

Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

Projects by Location

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
10745	003 Discharge Point Rehabilitation	555,000	555,000	0	0	0	0	0	0	0	0	1,110,000
10747	New RAS Wet Well and Pumps	0	0	120,000	1,342,000	0	0	0	0	0	0	1,462,000
10749	Tapia Influent Pump Replacement	0	0	0	100,000	1,665,000	0	0	0	0	0	1,765,000
10752	Tapia Sludge Wet Well Re-circulation Piping Replacement	0	50,000	132,000	0	0	0	0	0	0	0	182,000
10753	Tapia Air Line Repair	330,000	0	0	0	0	0	0	0	0	0	330,000
201858	Tapia Secondary Clarifier Rehabilitation	847,000	0	0	0	0	0	0	0	0	0	847,000
201913	Tapia Effluent Pump Station Rehabilitation	0	5,522,500	0	0	0	0	0	0	0	0	5,522,500
201916	Tapia Control Building Improvements	0	841,380	0	0	0	0	0	0	0	0	841,380
201966	TAPIA ALUMINUM SULFATE TANK REPLACEMENT	816,000	396,000	0	0	0	0	0	0	0	0	1,212,000
201967	Rancho Control Building HVAC Replacement	330,000	0	0	0	0	0	0	0	0	0	330,000
60030	Grit Chamber Mixing System Replacement	0	198,000	0	0	0	0	0	0	0	0	198,000
60032	Pavement Restoration Tapia	0	0	432,000	0	0	0	0	0	0	0	432,000
SUB-TOTAL TAPIA		\$3,543,000	\$11,206,880	\$4,410,000	\$1,442,000	\$1,665,000	\$0	\$0	\$0	\$0	\$0	\$22,266,880

WOOLSEY FIRE - REIMBURSEMENTS

201930	Rancho Fire Repair - Woolsey Fire - Reimbursement	-147,070	0	0	0	0	0	0	0	0	0	-147,070
201933	JPA Facility Facilities Repair - Woolsey Fire - Reimbursement	-80,000	0	0	0	0	0	0	0	0	0	-80,000
SUB-TOTAL WOOLSEY FIRE - REIMBURSEMENTS		\$-227,070	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$-227,070

201985	UNFUND - Rancho Valving In Street (#10754)	-396,000	0	0	0	0	0	0	0	0	0	-396,000
SUB-TOTAL		\$-396,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$-396,000

Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

Projects by Location

Project Number	Title	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	10-Year Total
TOTAL ALL PROJECTS		\$8,222,280	\$13,712,980	\$6,123,800	\$3,866,200	\$3,513,320	\$2,491,000	\$1,952,000	\$1,952,000	\$1,952,000	\$1,952,000	\$45,737,580

Section 3

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Pure Water Project (PWP)

The Las Virgenes-Triunfo Joint Powers Authority (JPA) was established to cooperatively treat wastewater for these two bordering areas that share the Malibu Creek watershed at the Tapia Water Reclamation Facility (TWRF). Since 1965, the recycled water produced by the TWRF has been used for irrigation during summer months; however, surplus recycled water is discharged to Malibu Creek in winter months.

The Pure Water Project Las Virgenes Triunfo takes surplus recycled water from the TWRF – which has already been treated in a multi-phase process, including filtration and disinfection – and will deliver it to a new, state-of-the-art Advanced Water Purification Facility (AWPF). The AWPF uses membrane filtration, reverse osmosis, and ultraviolet light with advanced oxidation to purify the recycled water to meet or exceed drinking water standards set by the State of California.

That purified water will then be delivered to the Las Virgenes Reservoir, where it will be blended with water imported from Northern California, where all of our water currently originates. Pure Water Project Las Virgenes-Triunfo is indirect potable reuse as it uses the Las Virgenes Reservoir as an “environmental buffer” before the water is cleaned a final time at the Westlake Filtration Plant. The project is expected to be completed by the year 2029.

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Pure Water Project

Job Number: 10635 Responsible Division: Pure Water FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

Maximum Reuse and Resource Recovery

Key Standard:

Maximize Beneficial Use of Recycled Water

Scope of Work:

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%.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning	\$1,920,367	\$554,327	\$712,706	\$712,706	\$712,706	\$4,612,812	
Land Acquisition							
Design	\$452,198	\$3,650,156	\$6,391,552	\$3,687,094	\$493,500	\$14,674,500	
Bidding							
Construction	\$1,572,884	\$7,864,418	\$12,583,070	\$37,870,147	\$88,240,075	\$148,130,593	
Labor and G&A Expense	\$1,182,138	\$1,182,138	\$1,182,138	\$1,182,138	\$1,182,138	\$5,910,691	
TOTALS	\$5,127,587	\$13,251,040	\$20,869,466	\$43,452,085	\$90,628,419	\$173,328,596	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning	\$712,706					\$712,706	
Land Acquisition							
Design							
Bidding							
Construction	\$65,488,266	\$8,826,804				\$74,315,070	
Labor and G&A Expense	\$704,775	\$68,291				\$773,066	
TOTALS	\$66,905,747	\$8,895,094	\$0	\$0	\$0	\$75,800,842	\$249,129,438

Appropriations & Expenditures:

Approved Appropriation:	\$12,473,632
Project Actual Expense (10/12/2021):	\$1,706,010
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$5,361,565
Total Project Through 6/30/2022:	\$7,067,575
Anticipated Carryover:	\$5,406,057
FY 22-23 Appropriation Request:	\$0

**TOTAL ESTIMATED
PROJECT COST:
\$256,197,013**

Basis for Project Cost Estimate:

- Title XVI Study: \$121M project cost assuming site on Agoura Road (not including \$2.1M for land).
- \$150K in grant revenue received FY18-19 from Bureau of Reclamation for Title XVI Study.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

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Infrastructure Investment Plan
Fiscal Year 2022/23 - Fiscal Year 2031/32

JPA Partner Cost Share

	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	10-Year Total
P/W Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
P/W Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sanitation Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sanitation Replacement	\$3,620,076	\$9,355,234	\$14,733,843	\$30,677,172	\$63,983,664	\$47,235,458	\$6,279,937	\$0	\$0	\$0	\$175,885,383
RW Conservation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RW Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LVMWD Share	\$3,620,076	\$9,355,234	\$14,733,843	\$30,677,172	\$63,983,664	\$47,235,458	\$6,279,937	\$0	\$0	\$0	\$175,885,383

	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31	FY 31/32	10-Year Total
Sanitation Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sanitation Replacement	\$1,507,510	\$3,895,806	\$6,135,623	\$12,774,913	\$26,644,755	\$19,670,290	\$2,615,158	\$0	\$0	\$0	\$73,244,055
RW Conservation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RW Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TWSD Share	\$1,507,510	\$3,895,806	\$6,135,623	\$12,774,913	\$26,644,755	\$19,670,290	\$2,615,158	\$0	\$0	\$0	\$73,244,055
Total Costs	\$5,127,587	\$13,251,040	\$20,869,466	\$43,452,085	\$90,628,419	\$66,905,747	\$8,895,094	\$0	\$0	\$0	\$249,129,438

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Section 4

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SCADA System Communication Upgrades

99906

Job Number: 10520 Responsible Division: Information Technology FY Originated: FY12-13	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning		\$50,000	\$50,000	\$50,000	\$50,000	\$200,000	
Land Acquisition							
Design							
Bidding							
Construction	\$18,750	\$450,000	\$200,000	\$200,000	\$200,000	\$1,068,750	
Labor and G&A Expense	\$6,000	\$144,000	\$64,000	\$64,000	\$64,000	\$342,000	
TOTALS	\$24,750	\$644,000	\$314,000	\$314,000	\$314,000	\$1,610,750	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	
Labor and G&A Expense	\$64,000	\$64,000	\$64,000	\$64,000	\$64,000	\$320,000	
TOTALS	\$314,000	\$314,000	\$314,000	\$314,000	\$314,000	\$1,570,000	\$3,180,750

Appropriations & Expenditures:

Approved Appropriation:	\$93,100
Project Actual Expense (10/12/2021):	\$32,447
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$32,447
Anticipated Carryover:	\$60,653
FY 22-23 Appropriation Request:	\$0

**TOTAL ESTIMATED
PROJECT COST:
\$3,213,197**

Basis for Project Cost Estimate:

Estimate is based on the initial bid results received and includes contingency for added sites.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Las Virgenes Storm Water Diversion Structure Replacement

Job Number: 10668 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Protection of Public Health and Environment

Key Standard:

Meet or Exceed Environmental Regulations

Scope of Work:

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 of offsite.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning		\$100				\$100	
Land Acquisition							
Design		\$20,000				\$20,000	
Bidding							
Construction		\$115,000				\$115,000	
Labor and G&A Expense		\$36,800				\$36,800	
TOTALS	\$0	\$171,900	\$0	\$0	\$0	\$171,900	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$171,900

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Actual Expense (10/12/2021):	\$3,746
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$3,746
Anticipated Carryover:	-\$3,746
FY 22-23 Appropriation Request:	\$3,746

**TOTAL ESTIMATED
PROJECT COST:
\$175,646**

Basis for Project Cost Estimate:

Engineer's estimate, 2019.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Pavement Restoration Rancho

60033

Job Number: 10693 Responsible Division: Water Reclamation FY Originated: FY 16-17	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Pavement restoration/slurry seal at Rancho. This project needs to occur after project No.'s 10668 (Storm water Structure Repair) and 201862 (Rancho Valving Repairs).

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design	\$10,000					\$10,000	
Bidding	\$1,000					\$1,000	
Construction	\$400,000					\$400,000	
Labor and G&A Expense	\$128,000					\$128,000	
TOTALS	\$539,000	\$0	\$0	\$0	\$0	\$539,000	\$539,000

Appropriations & Expenditures:

Approved Appropriation:	\$533,320
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$533,320
FY 22-23 Appropriation Request:	\$0

**TOTAL ESTIMATED
PROJECT COST:
\$539,000**

Basis for Project Cost Estimate:

Staff estimate.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Effluent Pump Station 4160 Volt Feeder Relocation

201808

Job Number: 10702 Responsible Division: Electrical / Instrumentation FY Originated: FY17-18	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Protection of Public Health and Environment

Key Standard:

Safe and Reliable Wastewater Services

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$150,000					\$150,000	
Labor and G&A Expense	\$15,000					\$15,000	
TOTALS	\$165,000	\$0	\$0	\$0	\$0	\$165,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$165,000

Appropriations & Expenditures:

Approved Appropriation:	\$496,000
Project Actual Expense (10/12/2021):	\$11,839
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$5,619
Total Project Through 6/30/2022:	\$17,458
Anticipated Carryover:	\$478,542
FY 22-23 Appropriation Request:	\$0

**TOTAL ESTIMATED
PROJECT COST:
\$182,458**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Tertiary Filter Rehabilitation

201810

Job Number: 10703 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Protection of Public Health and Environment

Key Standard:

Safe and Reliable Wastewater Services

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning		\$50,000				\$50,000	
Land Acquisition							
Design							
Bidding							
Construction			\$300,000			\$300,000	
Labor and G&A Expense			\$96,000			\$96,000	
TOTALS	\$0	\$50,000	\$396,000	\$0	\$0	\$446,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$446,000

Appropriations & Expenditures:

Approved Appropriation:	\$60,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$60,000
FY 22-23 Appropriation Request:	\$0

**TOTAL ESTIMATED
PROJECT COST:
\$446,000**

Basis for Project Cost Estimate:

Cost estimate based on 2018 KEH report.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Reliability Improvement - FY25-32

201839

Job Number: 10711 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$100,000	\$100,000	\$100,000	\$300,000	
Labor and G&A Expense			\$32,000	\$32,000	\$32,000	\$96,000	
TOTALS	\$0	\$0	\$132,000	\$132,000	\$132,000	\$396,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	
Labor and G&A Expense	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$160,000	
TOTALS	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$660,000	\$1,056,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

**TOTAL ESTIMATED
PROJECT COST:
\$1,056,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Multi Site Security Assessment and Improvement - JPA

201866

Job Number: 10724 Responsible Division: Information Technology FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

Scope of Work:

Security assessment of various District sites and facilities. This will include access control and security camera installations and improvements.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning	\$30,000					\$30,000	
Land Acquisition							
Design	\$60,000					\$60,000	
Bidding	\$15,000					\$15,000	
Construction		\$260,000	\$240,000	\$260,000	\$108,000	\$868,000	
Labor and G&A Expense		\$83,200	\$76,800	\$83,200	\$34,560	\$277,760	
TOTALS	\$105,000	\$343,200	\$316,800	\$343,200	\$142,560	\$1,250,760	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,250,760

Appropriations & Expenditures:

Approved Appropriation:	\$90,420
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$90,420
FY 22-23 Appropriation Request:	\$14,580

**TOTAL ESTIMATED
PROJECT COST:
\$1,250,760**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Flow Equalization - Design/Construct

201904

Job Number: 10737 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Maximum Reuse and Resource Recovery

Key Standard:

Maximize Beneficial Use of Recycled Water

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$450,000					\$450,000	
Bidding							
Construction		\$3,000,000	\$3,000,000			\$6,000,000	
Labor and G&A Expense		\$330,000	\$330,000			\$660,000	
TOTALS	\$450,000	\$3,330,000	\$3,330,000	\$0	\$0	\$7,110,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$7,110,000

Appropriations & Expenditures:

Approved Appropriation:	\$350,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$350,000
FY 22-23 Appropriation Request:	\$100,000

**TOTAL ESTIMATED
PROJECT COST:
\$7,110,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Concrete Corrosion/Crack Repair - Tapia

201912

Job Number: 10741 Responsible Division: Facilities & Operations FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Repair failing concrete at the Tapia Water Reclamation Facility.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$50,000					\$50,000	
Bidding							
Construction		\$200,000				\$200,000	
Labor and G&A Expense		\$64,000				\$64,000	
TOTALS	\$50,000	\$264,000	\$0	\$0	\$0	\$314,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$314,000

Appropriations & Expenditures:

Approved Appropriation:	\$132,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$132,000
FY 22-23 Appropriation Request:	\$0

**TOTAL ESTIMATED
PROJECT COST:
\$314,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Fire Hardening - JPA Facilities - FY22-23 & FY23-24

201915

Job Number: 10743 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000				\$400,000	
Labor and G&A Expense	\$64,000	\$64,000				\$128,000	
TOTALS	\$264,000	\$264,000	\$0	\$0	\$0	\$528,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$528,000

Appropriations & Expenditures:

Approved Appropriation:	\$528,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$528,000
FY 22-23 Appropriation Request:	\$0

**TOTAL ESTIMATED
PROJECT COST:
\$528,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

003 Discharge Point Rehabilitation

201918

Job Number: 10745 Responsible Division: Water Reclamation FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Evaluate and repair failed 003 Discharge point pipeline (into Malibu Creek). The proposed work includes environmental documents and construction of needed to rehabilitate the discharge point. 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 inspected.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$500,000	\$500,000				\$1,000,000	
Labor and G&A Expense	\$55,000	\$55,000				\$110,000	
TOTALS	\$555,000	\$555,000	\$0	\$0	\$0	\$1,110,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,110,000

Appropriations & Expenditures:

Approved Appropriation:	\$669,300
Project Actual Expense (10/12/2021):	\$8,791
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$64,160
Total Project Through 6/30/2022:	\$72,951
Anticipated Carryover:	\$596,349
FY 22-23 Appropriation Request:	\$0

**TOTAL ESTIMATED
PROJECT COST:
\$1,182,951**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

New RAS Wet Well and Pumps

60031

Job Number: 10747 Responsible Division: Facilities & Operations FY Originated: FY 16-17	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace RAS wet well and pumps to increase pumping capacity and reliability.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design			\$120,000			\$120,000	
Bidding				\$10,000		\$10,000	
Construction				\$1,200,000		\$1,200,000	
Labor and G&A Expense				\$132,000		\$132,000	
TOTALS	\$0	\$0	\$120,000	\$1,342,000	\$0	\$1,462,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,462,000

Appropriations & Expenditures:

Approved Appropriation:	\$120,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$120,000
FY 22-23 Appropriation Request:	\$0

**TOTAL ESTIMATED
PROJECT COST:
\$1,462,000**

Basis for Project Cost Estimate:

Cost estimate based upon 2018 KEH report.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Centrate Tank Inspection and Rehabilitation Assessment

70019

Job Number: 10748 Responsible Division: Facilities & Operations FY Originated: FY17-18	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Tank inspection and recommendations for rehabilitation.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000					\$100,000	
Labor and G&A Expense	\$32,000					\$32,000	
TOTALS	\$132,000	\$0	\$0	\$0	\$0	\$132,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$132,000

Appropriations & Expenditures:

Approved Appropriation:	\$10,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$10,000
FY 22-23 Appropriation Request:	\$122,000

**TOTAL ESTIMATED
PROJECT COST:
\$132,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Influent Pump Replacement

201854

Job Number: 10749 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning				\$100,000		\$100,000	
Land Acquisition							
Design							
Bidding							
Construction					\$1,500,000	\$1,500,000	
Labor and G&A Expense					\$165,000	\$165,000	
TOTALS	\$0	\$0	\$0	\$100,000	\$1,665,000	\$1,765,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,765,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$0
FY 22-23 Appropriation Request:	\$0

**TOTAL ESTIMATED
PROJECT COST:
\$1,765,000**

Basis for Project Cost Estimate:

Maintenance estimate pending Technical Services review.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Sludge Wet Well Re-circulation Piping Replacement

201860

Job Number: 10752 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

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

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design		\$50,000				\$50,000	
Bidding							
Construction			\$100,000			\$100,000	
Labor and G&A Expense			\$32,000			\$32,000	
TOTALS	\$0	\$50,000	\$132,000	\$0	\$0	\$182,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$182,000

Appropriations & Expenditures:

Approved Appropriation:	\$62,800
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$62,800
FY 22-23 Appropriation Request:	\$0

**TOTAL ESTIMATED
PROJECT COST:
\$182,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Air Line Repair

201861

Job Number: 10753 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$250,000					\$250,000	
Labor and G&A Expense	\$80,000					\$80,000	
TOTALS	\$330,000	\$0	\$0	\$0	\$0	\$330,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$330,000

Appropriations & Expenditures:

Approved Appropriation:	\$50,000
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$50,000
FY 22-23 Appropriation Request:	\$280,000

**TOTAL ESTIMATED
PROJECT COST:
\$330,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Valving In Street Replacement

201862

Job Number: 10754 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

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

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$300,000					\$300,000	
Labor and G&A Expense	\$96,000					\$96,000	
TOTALS	\$396,000	\$0	\$0	\$0	\$0	\$396,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$396,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$0
FY 22-23 Appropriation Request:	\$396,000

**TOTAL ESTIMATED
PROJECT COST:
\$396,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Secondary Clarifier Rehabilitation

Job Number: 201858 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning	\$70,000					\$70,000	
Land Acquisition							
Design							
Bidding							
Construction	\$700,000					\$700,000	
Labor and G&A Expense	\$77,000					\$77,000	
TOTALS	\$847,000	\$0	\$0	\$0	\$0	\$847,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$847,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Actual Expense (10/12/2021):	\$0
Encumbrances and Expense - 10/12/2021 - 6/30/2022):	\$0
Total Project Through 6/30/2022:	\$0
Anticipated Carryover:	\$0
FY 22-23 Appropriation Request:	\$847,000

**TOTAL ESTIMATED
PROJECT COST:
\$847,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Effluent Pump Station Rehabilitation

Job Number: 201913 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Increase reliability and safety of electrical feed as well as upgrade motor starting capabilities and pumps.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design		\$250,000				\$250,000	
Bidding							
Construction		\$4,750,000				\$4,750,000	
Labor and G&A Expense		\$522,500				\$522,500	
TOTALS	\$0	\$5,522,500	\$0	\$0	\$0	\$5,522,500	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$5,522,500

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

**TOTAL ESTIMATED
PROJECT COST:
\$5,522,500**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Control Building Improvements

Job Number: 201916 Responsible Division: Water Reclamation FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

The control building at Tapia is aging is in need of significant repairs, remodeling and other improvements.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$758,000				\$758,000	
Labor and G&A Expense		\$83,380				\$83,380	
TOTALS	\$0	\$841,380	\$0	\$0	\$0	\$841,380	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$841,380

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

**TOTAL ESTIMATED
PROJECT COST:
\$841,380**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Fire Repair - Woolsey Fire - Reimbursement

Job Number: 201930 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Anticipated reimbursement for IIP project number 201930.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense	-\$147,070					-\$147,070	
TOTALS	-\$147,070	\$0	\$0	\$0	\$0	-\$147,070	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$147,070

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

-\$147,070

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

JPA Facility Facilities Repair - Woolsey Fire - Reimbursement

Job Number: 201933 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Anticipated reimbursement for IIP project number 201933.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense	-\$80,000					-\$80,000	
TOTALS	-\$80,000	\$0	\$0	\$0	\$0	-\$80,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$80,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

-\$80,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Tapia Water Reclamation Facility Improvements - FY25-32

Job Number: 201938 Responsible Division: Facilities & Operations FY Originated: FY 22-23	Priority: Program: Yes Project Status:
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$100,000	\$100,000	\$100,000	\$300,000	
Labor and G&A Expense			\$32,000	\$32,000	\$32,000	\$96,000	
TOTALS	\$0	\$0	\$132,000	\$132,000	\$132,000	\$396,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	
Labor and G&A Expense	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$160,000	
TOTALS	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$660,000	\$1,056,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

\$1,056,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

JPA Condition Assessment and Rehab Planning

Job Number: 201951 Responsible Division: Electrical / Instrumentation FY Originated: FY 21-22	Priority: 1 Program: No Project Status:
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

Scope of Work:

Hire engineering firm to assess all electrical systems and make recommendations on necessary rehab or replacement of switch gear, VFD's, transformers, switching, etc...

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning	\$100,000					\$100,000	
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$100,000	\$0	\$0	\$0	\$0	\$100,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$100,000

TOTAL ESTIMATED

PROJECT COST:

\$100,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Centrifuge Controls Upgrade

Job Number: 201952 Responsible Division: Facilities Maintenance FY Originated: FY 21-22	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

Scope of Work:

Upgrade controls to improve electrical cost and better product.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$120,000					\$120,000	
Labor and G&A Expense	\$38,400					\$38,400	
TOTALS	\$158,400	\$0	\$0	\$0	\$0	\$158,400	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$158,400

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$158,400

TOTAL ESTIMATED

PROJECT COST:

\$158,400

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Reliability Improvements - FY22-23 & FY23-24

Job Number: 201955 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000	\$100,000				\$200,000	
Labor and G&A Expense	\$32,000	\$32,000				\$64,000	
TOTALS	\$132,000	\$132,000	\$0	\$0	\$0	\$264,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$264,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$132,000

TOTAL ESTIMATED

PROJECT COST:

\$264,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Fire Hardening - JPA Facilities - FY5-32-32

Job Number: 201959 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 3 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$200,000			\$200,000	
Labor and G&A Expense			\$64,000			\$64,000	
TOTALS	\$0	\$0	\$264,000	\$0	\$0	\$264,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	
Labor and G&A Expense	\$64,000	\$64,000	\$64,000	\$64,000	\$64,000	\$320,000	
TOTALS	\$264,000	\$264,000	\$264,000	\$264,000	\$264,000	\$1,320,000	\$1,584,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

**TOTAL ESTIMATED
PROJECT COST:
\$1,584,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
	100.0%		71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
			29%

Tapia Water Reclamation Facility Improvements - FY22-23 & FY23-24

Job Number: 201965 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

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.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000	\$100,000				\$200,000	
Labor and G&A Expense	\$32,000	\$32,000				\$64,000	
TOTALS	\$132,000	\$132,000	\$0	\$0	\$0	\$264,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$264,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$132,000

**TOTAL ESTIMATED
PROJECT COST:
\$264,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

TAPIA ALUMINUM SULFATE TANK REPLACEMENT

Job Number: 201966 Responsible Division: Water Reclamation FY Originated: FY 21-22	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace aging sodium bisulfite tank that is leaking. Project includes feed pump and delivery pipeline.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$150,000					\$150,000	
Bidding							
Construction	\$600,000	\$300,000				\$900,000	
Labor and G&A Expense	\$66,000	\$96,000				\$162,000	
TOTALS	\$816,000	\$396,000	\$0	\$0	\$0	\$1,212,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,212,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$816,000

**TOTAL ESTIMATED
PROJECT COST:
\$1,212,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Control Building HVAC Replacement

Job Number: 201967 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace HVAC at Rancho Control Building. Has reached end of useful life and is not feasible to replace existing unit.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$250,000					\$250,000	
Labor and G&A Expense	\$80,000					\$80,000	
TOTALS	\$330,000	\$0	\$0	\$0	\$0	\$330,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$330,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$330,000

**TOTAL ESTIMATED
PROJECT COST:
\$330,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Malibou Lake Siphon Project

Job Number: 201968 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Protection of Public Health and Environment

Key Standard:

Meet or Exceed Environmental Regulations

Scope of Work:

Repair Malibou Lake Siphon to address inflow and infiltration at the site.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding	\$5,000					\$5,000	
Construction	\$1,200,000					\$1,200,000	
Labor and G&A Expense	\$132,000					\$132,000	
TOTALS	\$1,337,000	\$0	\$0	\$0	\$0	\$1,337,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,337,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$1,337,000

TOTAL ESTIMATED

PROJECT COST:

\$1,337,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho Las Virgenes - New Flare

Job Number: 201969 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Protection of Public Health and Environment

Key Standard:

Meet or Exceed Environmental Regulations

Scope of Work:

Design and install a new larger flare that can handle all of the digester gas flow (over 100 scfm). The current flare, which has a limited capacity of 75 scfm will remain in place to provide redundancy. The current flare does not have the capacity to dispose of all of the digester gas.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$150,000					\$150,000	
Bidding							
Construction		\$500,000				\$500,000	
Labor and G&A Expense		\$55,000				\$55,000	
TOTALS	\$150,000	\$555,000	\$0	\$0	\$0	\$705,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$705,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$150,000

**TOTAL ESTIMATED
PROJECT COST:
\$705,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Trunk Sewer System Improvements - Out Years

Job Number: 201972 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Maintain and repair trunk sewer system (pairs with 10756).

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$500,000	\$500,000	\$500,000	\$1,500,000	
Labor and G&A Expense			\$55,000	\$55,000	\$55,000	\$165,000	
TOTALS	\$0	\$0	\$555,000	\$555,000	\$555,000	\$1,665,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	
Labor and G&A Expense	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$550,000	
TOTALS	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$5,550,000	\$7,215,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

**TOTAL ESTIMATED
PROJECT COST:
\$7,215,000**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Recycled Water Pump Station Battery Energy Storage System (BESS)

Job Number: 201974 Responsible Division: Facilities & Operations FY Originated: FY 21-22	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

Scope of Work:

Development and installation of a 2,682 kilowatt-hour battery storage system at the Recycled Water Pumping Station (RWPS). The anticipated \$1.38 million capital investment will be mostly offset by SGIP funding in the amount of \$1.17 million.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$1,245,000					\$1,245,000	
Labor and G&A Expense	\$136,950					\$136,950	
TOTALS	\$1,381,950	\$0	\$0	\$0	\$0	\$1,381,950	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,381,950

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$1,381,950

TOTAL ESTIMATED

PROJECT COST:

\$1,381,950

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
		100.0%	71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
			29%

OFFSET OF IIP #201974 - RWPS Battery Energy Storage System

Job Number: 201975 Responsible Division: FY Originated: FY 21-22	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

SGIP funding to offset

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense	-\$1,170,000					-\$1,170,000	
TOTALS	-\$1,170,000	\$0	\$0	\$0	\$0	-\$1,170,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$1,170,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

-\$1,170,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
		100.0%	71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
			29%

Indian Hills

Job Number: 201976 Responsible Division: Technical Services FY Originated: FY21-22	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Indian Hills RW Tank Rehabilitation.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design				\$60,000		\$60,000	
Bidding							
Construction				\$800,000	\$516,000	\$1,316,000	
Labor and G&A Expense				\$88,000	\$56,760	\$144,760	
TOTALS	\$0	\$0	\$0	\$948,000	\$572,760	\$1,520,760	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,520,760

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$0

**TOTAL ESTIMATED
PROJECT COST:
\$1,520,760**

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
		100.0%	29%

UNFUND - Rancho Valving In Street (#10754)

Job Number: 201985	Priority:
Responsible Division:	Program:
FY Originated: FY 21-22	Project Status:

Business Value:**Key Standard:****Scope of Work:**

*** UNFUND

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	-\$300,000					-\$300,000	
Labor and G&A Expense	-\$96,000					-\$96,000	
TOTALS	-\$396,000	\$0	\$0	\$0	\$0	-\$396,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$396,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:**\$0****TOTAL ESTIMATED****PROJECT COST:****-\$396,000****Basis for Project Cost Estimate:**

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Grit Chamber Mixing System Replacement

Job Number: 60030 Responsible Division: Technical Services FY Originated: FY 16-17	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace grit chamber mixing system with a more efficient mixing system.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$150,000				\$150,000	
Labor and G&A Expense		\$48,000				\$48,000	
TOTALS	\$0	\$198,000	\$0	\$0	\$0	\$198,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$198,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

\$0

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

\$0

Total Project Through 6/30/2022:

\$0

Anticipated Carryover:

\$0

FY 22-23 Appropriation Request:

\$0

TOTAL ESTIMATED

PROJECT COST:

\$198,000

Basis for Project Cost Estimate:

Cost estimate based upon 2018 KEH report.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Pavement Restoration Tapia

Job Number: 60032 Responsible Division: Technical Services FY Originated: FY 16-17	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Key Standard:

Scope of Work:

Pavement restoration/slurry seal at Tapia.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding			\$3,000			\$3,000	
Construction			\$325,000			\$325,000	
Labor and G&A Expense			\$104,000			\$104,000	
TOTALS	\$0	\$0	\$432,000	\$0	\$0	\$432,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$432,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

\$0

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

\$0

Total Project Through 6/30/2022:

\$0

Anticipated Carryover:

\$0

FY 22-23 Appropriation Request:

\$0

**TOTAL ESTIMATED
PROJECT COST:
\$432,000**

Basis for Project Cost Estimate:

Staff estimate.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

Rancho: Replace Agitators

Job Number: 80748 Responsible Division: Facilities & Operations FY Originated: FY10-11	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Purchase new compost agitators to replace the existing ones.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$1,175,000					\$1,175,000	
Labor and G&A Expense	\$129,250					\$129,250	
TOTALS	\$1,304,250	\$0	\$0	\$0	\$0	\$1,304,250	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,304,250

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$1,304,250

TOTAL ESTIMATED

PROJECT COST:

\$1,304,250

Basis for Project Cost Estimate:

Staff estimate based on previous purchases.

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
0.0%	0.0%	0.0%	71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
0.0%	100.0%	0.0%	29%

Rancho Las Virgenes SCADA Improvements

Job Number: 99909 Responsible Division: Information Technology FY Originated: FY12-13	Priority: 2 Program: No Project Status: Complete
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

Scope of Work:

Upgrade Process Control and Instrumentation System (PCIS) at Rancho. Rancho's PLC and HMI systems are inconsistent with the current District Standards for Operational Technology.

Proposed Project Expenditures:

	FY 22-23	FY 23-24	FY 24-25	FY 25-26	FY 26-27	Years 1-5 Total	
Planning	\$50,000					\$50,000	
Land Acquisition							
Design	\$200,000					\$200,000	
Bidding	\$50,000					\$50,000	
Construction	\$500,000	\$200,000				\$700,000	
Labor and G&A Expense	\$55,000	\$64,000				\$119,000	
TOTALS	\$855,000	\$264,000	\$0	\$0	\$0	\$1,119,000	

	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,119,000

Appropriations & Expenditures:

Approved Appropriation:

Project Actual Expense (10/12/2021):

Encumbrances and Expense - 10/12/2021 - 6/30/2022):

Total Project Through 6/30/2022:

Anticipated Carryover:

FY 22-23 Appropriation Request:

\$855,000

TOTAL ESTIMATED

PROJECT COST:

\$1,119,000

Basis for Project Cost Estimate:

% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	LVMWD
			71%
P/W Replacement	Sanitation Replacement	RW Replacement	TSD
	100.0%		29%

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EXHIBIT A: Scope of Services

The following is the statement of work or scope of services for VRSD to provide to the CLIENT pursuant to VRSD Contract No. 22-006. The scope of services is organized according to category (Wastewater, Potable Water, and Reclaimed Water) with each specific work project identified by the VRSD's respective project number or enumeration.

Wastewater (WW)

Project 221201 – WW – Maintenance – Collection System

FY23: \$538,443.00

This amount provides funding for sewer mainline cleaning, Closed Circuit Television (CCTV) inspection, and hot spot cleaning. It also includes GIS maintenance mapping and system updates. This amount provides funding for the Sanitary Sewer Maintenance Plan (SSMP) required line cleaning and CCTV inspections. Bell Canyon cleaning is included in this amount as it is only done once every three years. It will be coded to the correct project number when the work is done. VRSD will provide TWSD a report at the end of the quarterly in excel format that shows work completed during the previous 3 months.

TWSD Collection system has 654,991 total footage and is on a 3 year cleaning schedule per the SSMP and a 9 year CCTV schedule. VRSD will clean approximately 218,330 feet and CCTV approximately 72,777 per fiscal year.

Project 221201E – WW – Maintenance – Collection System – Emergency Callouts

FY23: \$5,283.00

This amount provides funding for emergency call-outs as required. One call out is planned for amount purpose.

Project 221202 – WW – Maintenance – North Shore Tank

FY23: \$26,494.00

This amount provides funding for maintenance of the North Shore Step System. Work includes solids removal from tanks, system inspection, maintenance, and repair as needed. This work is being done in an effort to prevent system failure (i.e., spills).

Project 221204 – WW – Maintenance – Preventative

FY23: \$61,103.00

This program encompasses the 5 lift stations and the mechanical and electrical equipment within those stations. This program will assist staff in identifying potential problems and allow for repair of equipment before breakdown. This amount provides funding for ongoing work order generation and updating of data

files associated with the computerized preventative maintenance (PM) program. VRSD will provide TWSD copies of completed work orders at the end of the quarterly that shows work completed as each lift station.

Project 221206 – WW – Maintenance – Supervisory Control and Data Acquisition (SCADA)

FY23: \$49,907.00

This amount provides funding for the set-up, programming, operation, maintenance, and repair of the Wastewater SCADA systems. There will be a weekly visit to check the system and make any updates or changes to the system based on TWSD requirements. This type of work is anticipated to be ongoing as electrical components have varying life spans and are subject to failure. VRSD will provide TWSD a report at the end of the month that shows work completed during the month.

Project 221207 – WW – Maintenance – Bell Canyon – Collection System

This amount provides funding for sewer line cleaning and CCTV inspection. The cost are included in 221201.

Project 221208 – WW – Maintenance – Bell Canyon – Preventative

FY23: \$28,801.00

This program encompasses the lift station in Bell Canyon and the mechanical and electrical equipment within those stations. This program will assist staff in identifying potential problems and allow for repair of equipment before breakdown. This amount provides funding for ongoing work order generation, preventative maintenance work activities, and updating of data files. VRSD will provide TWSD copies of completed work orders at the end of the quarterly that shows work completed at the lift station.

Potable Water (PW)

Project 222201 – PW – Maintenance – Preventative

FY23: \$103,575.00

This program encompasses all of the booster pump stations and the mechanical and electrical equipment within those stations. This amount also includes preventative maintenance for the tank sites and the CLA-VAL's in the potable water system. This program will assist staff in identifying potential problems and allow for repair of equipment before breakdown. This amount provides funding for ongoing work order generation, preventative maintenance work activities, and updating of data files. VRSD will provide TWSD copies of completed work orders at the end of the quarterly that shows work completed as each lift station.

Project 222202 – PW – Maintenance – SCADA

FY23: \$46,547.00

This amount provides funding for the set-up, programming, operation, maintenance, and repair of the Wastewater SCADA systems. There will be a weekly visit to check the system and make any updates or changes to the system based on TWSD requirements. This type of work is anticipated to be ongoing as electrical components have varying life spans and are subject to failure. VRSD will provide TWSD a report at the end of the month that shows work completed during the month.

Reclaimed Water (RW)

Project 223200 – RW – Maintenance - Preventative

FY23: \$50,933

This program encompasses all of the RW booster pump station and the mechanical and electrical equipment within the station. This amount also includes preventative maintenance for the tank site and the CLA-VAL's in the reclaim water system. This program will assist staff with identifying potential problems and allow for repair of equipment before breakdown. This amount provides funding for ongoing work order generation, preventative maintenance work activities, and updating of data files. VRSD will provide TWSD copies of completed work orders at the end of the quarterly that shows work completed as each lift station.

Project 223201 – PW – Maintenance – SCADA

FY23: \$12,038.00

This amount provides funding for the set-up, programming, operation, maintenance, and repair of the Wastewater SCADA systems. There will be a weekly visit to check the system and make any updates or changes to the system based on TWSD requirements. This type of work is anticipated to be ongoing as electrical components have varying life spans and are subject to failure. VRSD will provide TWSD a report at the end of the month that shows work completed during the month.

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BUDGET GLOSSARY

Appropriation - An authorization made by the Board that permits the District to incur obligations and expend resources.

Accrual Basis - A basis of accounting in which transactions are recognized at the time they are incurred, as opposed to when cash is received or spent.

Assessment District - A sub-District formed to finance improvements and collect & process outstanding assessments from benefiting property owners.

Audit - Prepared by an independent certified public accountant (CPA), the primary objective of an audit is to determine if the District's Financial Statements present fairly the District's financial position and results of operations in conformity with generally accepted accounting principles. In conjunction with its performance of an audit, the independent auditor is required to issue a Management Letter stating the adequacy of the District's internal controls as well as recommending improvements to the District's financial management practices.

Board of Directors - The District's five-member governing body (Board), consisting of five directly elected members-at-large. Each Director has one vote, a majority of the members must be present for action to be taken, and a majority of those present is required to act on any matter (except as otherwise required by law).

Bonds - Interest bearing certificates issued by a government agency, redeemable on a specific date; used as a means of raising funds for capital improvements. Several types are available, many require voter approval before issuance.

Budget - A financial plan adopted by the Board of Directors for a specified period of time that establishes management policies, goals, and objectives for all programs within the District and allocates planned revenues and expenditures to District services.

Budget Adjustment - An amendment or supplement to the budget approved by majority Board vote any time after budget adoption. A budget adjustment may increase or decrease the budget.

Budget Policies – General and specific guidelines adopted by the Board that govern financial plan preparation and administration.

Budget Review Process - The series of Board meetings and discussions used to provide policy guidance and direction for the program objectives to be accomplished the ensuing year.

Budget Transfer - An action transferring appropriations and revenues from one budget location to another without changing overall totals.

Capital Improvement Fund - This fund type is used to accumulate over time financial resources used in the acquisition, construction, development and long-term modification of major capital facilities (see Fund).

Capital Improvement Plan - A plan to provide for the major modification or replacement of existing public facilities & assets, and for the construction or acquisition of new ones.

Cash Basis - A basis of accounting in which transactions are recognized only when cash is increased or decreased.

Certificates of Participation (COPs) - Interest bearing certificates issued by a government agency, redeemable on a specific date; used as a means of raising funds for capital improvements (very similar to bonds, except no voter approval is required).

Debt Service - A predetermined schedule of payments on debt principal and interest.

Debt Service Fund - A Fund used to account for the accumulation and payment of resources related to general long-term debt principal and interest (see Fund).

Direct Expense/Revenue - Expense or revenue which is directly attributable to the service being provided. Also sometimes called operating expense/revenue.

Encumbrance - The reservation of funds to be expended (see Expense).

Enterprise Fund - A Fund used to account for operations that are financed and operated in a manner similar to private sector enterprises where it is the District's intent that costs (including depreciation) of providing services to the general public be financed or recovered primarily through user charges. All operating programs of the District operate as enterprises.

Executive Summary - Included in the opening section of the budget, the Executive Summary provides the Board and public with a general summary of the most important aspects of the budget, changes from previous fiscal years, and the views and recommendations of the General Manager.

Expense – The outflow or using up of assets for capital purchases, goods & services (see Encumbrance).

Fiscal Year (FY) - An annual period for recording District financial transactions beginning July 1 and ending June 30. Fiscal Year 2020-2021 is abbreviated "FY 2021" or "FY 21."

Fixed Assets - Long-term major assets with a purchase price greater than \$4,000 and a useful life greater than one year, such as land, buildings, machinery, furniture, and other equipment.

Fund - The District accounts for all its operations and activities as an enterprise fund. This fund is comprised of various fund types such as operations, debt service and capital projects.

GAAP - Generally Accepted Accounting Principles. Uniform minimum standards for financial accounting and recording encompassing the conventions, rules, and procedures that define accepted accounting principles.

Goal - A statement of broad direction, purpose, or intent. Program Goals support District Goals.

Inventoried Equipment - Each individual piece of equipment having a purchase price of \$4,000 or less that can be labeled and tracked. This includes equipment such as personal computers, laptop computers, cell phones, pagers, radios, etc.

Line Item Budget - A budget that lists detailed expenditure categories (photocopying, telephone service, travel, etc.) separately, along with the amount budgeted for each specified category. The District uses a program rather than line-item budget, although detail line-item accounts are maintained and recorded for financial reporting and control purposes.

Operating Budget - A financial plan that pertains to daily operations and maintenance of existing facilities providing basic services.

Other Resources - Revenues other than those collected directly for a specific program, such as plan check fees, returned check charges and interfund transfers.

Program - A grouping of specific activities organized to accomplish District goals.

Program Budget - The type of budget used by the District, it shows budget amounts by program and category (salaries, supplies, services, etc.) rather than line item. Detail line-item accounts are maintained and recorded for financial reporting and control purposes, but are not included in the budget document.

Reserve - An account used either to set aside budgeted revenues that are not required for spending in the current year or to earmark revenues for a specific future purpose.

Retained Earnings - The accumulated earnings of an Enterprise entity which have been retained in the fund and which are not reserved for any specific purpose.

Revenues - Monies received or earned by the District.

Risk Management - An organized attempt to protect District assets against accidental loss in the most cost-effective manner.

Special Assessment Fund - This fund type is used to account for special assessments of the District to provide facilities that benefit specific properties (see Fund).

Transfers - Charges against one program that are moved as revenue to others for repayment of previously advanced funds, debt service or other purposes.

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**Fiscal Year 2022-2023 Proposed
Budget
Triunfo Water & Sanitation District**

1001 Partridge Drive, Suite 100
Ventura, CA 93003
www.triunfowsd.com