



TRIUNFO SANITATION DISTRICT

A PUBLIC AGENCY

Fiscal Year 2017-2018 Adopted Budget

July 1, 2017 – June 30, 2018



TRIUNFO SANITATION DISTRICT

A PUBLIC AGENCY

FY2018 Board of Directors

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Susan Pan
TBD

Staff

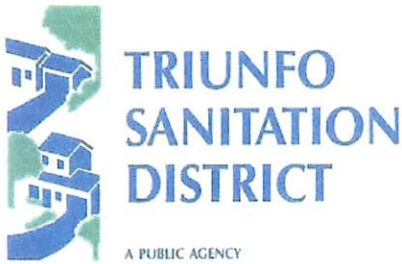
Mark Norris – General Manager – 658-4621
John Mathews – District Legal Counsel – 988-9886
Vickie Dragan – Director of Finance – 658-4646
Matthew Baumgardner (Interim) – Director of Operations – 658-4674
Lisa McKinley (Interim) – Clerk of the Board – 658-4642

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Executive Summary1



June 26, 2017

Members of the Board of Directors:

I am pleased to submit the Triunfo Sanitation District (District) Fiscal Year 2017-2018 (FY2018) Budget. The District's FY2018 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 FY2018 Budget anticipates an *increase* in net assets (before capital expenses) of \$3,832,244 and anticipates 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 and Automated Meter Read and Recycled Water pipeline projects.

Capital expenses for both the District and the Las Virgenes - Triunfo Joint Powers Authority (JPA) for FY2018 are estimated at \$4,075,531 and are found in the Wastewater (\$3,413,975), Potable Water (\$18,050), and Recycled Water (\$643,505), enterprise segments.

Expenses in the budget include planned infrastructure improvements, anticipated operations and maintenance costs, anticipated cost increases for wastewater treatment, and purchases of potable water and recycled water.

Wastewater revenue includes a programmed rate increase of 6.5%, effective July 2017. This is the third year of a five-year programmed rate increase.

In April 2017, Governor Brown ended the Drought State of Emergency in most of California based upon the winter rain and snow events that occurred during the course of the previous six months. The District's Board recently rescinded the conditions of the water shortage contingency plan based upon the wholesaler and other purveyors' declaration of no water supply shortage condition and factoring in the current water usage levels and past usage trends.

Based upon the absence of a water supply shortage condition, staff conservatively estimated the Potable Water sales by using the 20 by 2020 State Usage Reduction Plan. In addition to an increase in units sold, Potable Water revenue includes a programmed rate increase of 13%, effective July 2017, and an additional pass-through increase starting in January 2018. This is the second year of a five-year programmed rate increase.

In 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 CalWater and Hidden Valley. The agreed upon wholesale rate continues to be based on CMWD's Tier 1 Potable Water rate. Additionally, Recycled Water revenue includes a programmed rate increase of 15%, effective July 2017. This is the second year of a five-year programmed rate increase.

The FY2018 JPA Budget is incorporated into the District's FY2018 Budget. The newest and most significant 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 \$543,900 funding included in the FY2018 CIP budget for this project will be used for preliminary studies, public outreach, and CEQA analysis, including preliminary and final designs.

On Page 1-3, Table I provides a forecast of District-wide revenues and expenses, as well as historical data.

Table I – TSD Consolidated

Description	Actual FY 2014 Yearend	Actual FY 2015 Yearend	Actual FY 2016 Yearend	Adopted FY 2017 Budget	Estimated FY 2017 Yearend	Adopted FY 2018 Budget
Operating revenues:						
Fees, sales	\$ 14,452,798	\$ 13,261,850	\$ 13,165,367	\$ 15,674,079	\$ 14,167,438	\$ 18,174,028
Service charges	1,385,936	1,385,771	1,379,077	1,365,688	1,621,570	2,059,280
Other revenue	577,299	482,087	585,936	305,767	331,299	304,164
Total operating revenues	16,416,033	15,129,708	15,130,380	17,345,534	16,120,306	20,537,472
Operating expenses:						
Wastewater treatment, Potable & R/W purchase	9,646,496	9,193,900	8,469,527	10,214,151	8,421,763	9,332,739
VRSD contract services - Operations	2,336,551	2,708,307	2,646,919	3,003,979	2,963,481	3,223,388
VRSD contract services - Administration	910,725	883,728	1,145,935	1,199,723	1,240,220	1,253,904
Operating materials and supplies	-	-	-	-	-	-
Contract services	-	-	-	-	-	-
Professional services	95,968	127,670	94,031	174,594	259,264	100,003
Insurance	37,881	43,120	40,124	64,027	60,550	64,027
Board member fees and reimbursable expenses	47,533	47,068	48,675	69,058	59,010	73,328
Membership and dues	19,267	20,411	22,921	25,167	24,763	28,973
Conference and seminars	5,899	7,662	4,299	34,423	11,845	34,423
Management and administrative	19,801	20,858	19,462	47,200	35,236	91,368
Utilities	149,920	142,764	123,442	155,312	161,538	157,530
Permits, licenses and fees	191,339	177,428	286,827	346,053	346,873	368,464
Total operating expenses	13,461,380	13,372,917	12,902,162	15,333,687	13,584,542	14,728,146
Operating income(loss) before depreciation	2,954,653	1,756,792	2,228,218	2,011,848	2,535,764	5,809,326
Depreciation and amortization	865,402	899,549	1,288,281	1,318,521	1,318,104	1,318,521
Operating income(loss)	2,089,251	857,243	939,937	693,327	1,217,660	4,490,805
Non-operating revenues(expenses):						
Interest and investment earnings	26,054	38,940	69,338	25,000	53,181	40,000
Gain(loss) on sales and/or disposals of assets	-	28,179	1,953	-	-	-
Debt service interest expense	(64,375)	(26,078)	(367,450)	(369,757)	(451,241)	(698,561)
Contributed capital assets	-	-	-	-	-	-
Overhead cost allocation	-	-	-	-	0	-
Other, net	-	-	-	-	-	-
Total non-operating revenues(expenses)	(38,321)	41,041	(296,159)	(344,757)	(398,060)	(658,561)
Change in net assets before capital expenses	\$ 2,050,929	\$ 898,284	\$ 643,778	\$ 348,571	\$ 819,600	\$ 3,832,244
Capital expenses	1,917,034	1,915,400	1,827,859	4,900,402	12,790,612	4,075,531
Capital expenses - contra	-	-	-	-	-	-
Capital expenses, net	1,917,034	1,915,400	1,827,859	4,900,402	12,790,612	4,075,531
Change in net assets	\$ 133,895	\$ (1,017,117)	\$ (1,184,082)	\$ (4,551,831)	\$ (11,971,012)	\$ (243,287)

Budget Line Item Summary

Wastewater Treatment (JPA) – Triunfo’s portion of the FY2018 JPA wastewater treatment budget totals \$4,667,075, up from the FY2017 budget total of \$4,503,373.

Potable Water Purchases – The budget assumes that water will be purchased at \$1,300 per acre foot from July through December 2017. During the months of January through June 2018, water will be purchased at \$1,375 per acre foot. Any additional increases to the wholesale rate will be addressed with rate modifications.

Recycled Water Purchases – Proposed FY2018 expenses from the JPA for recycled water purchases total \$692,258. The District recently purchased the recycled pipeline from CMWD.

VRSD Contract – The proposed budget for operations and management services by the Ventura Regional Sanitation District represents an increase from approximately \$4,203,702 to \$4,477,294. VRSD Contract Labor is budgeted with an increase of approximately 1.3%, or 0.21 FTE. In addition, hourly labor rates are increasing by an average of 2%. Budget comparisons of the VRSD Contract Expenses are found on Pages 9-1 through 9-36.

Professional Services – The expense total for this category includes legal fees (\$63,000), annual financial audits for the District and the JPA (\$25,800 and \$5,000, respectively), website redesign (\$4,000), and marketing/advertising/sponsorship (\$2,200). The FY2018 budget is decreasing by approximately \$75,000. This is mainly due to the one-time cost of the Emergency Response Plan project included in FY2017.

Management & Administrative – The expense total for this category is increasing by approximately \$44,000 and includes tax collector fees (\$20,000), Bell Canyon sewer extension project reimbursement (\$13,500), water conservation rebates (\$3,200), and billing and postage (\$54,668). The billing and postage expense was moved from the VRSD Contract expense category to the District.

Utilities – Utilities includes electricity, gas, telephone, trash, modems, and internet, and is estimated at \$157,530, a slight increase of \$2,218 when compared to FY2017.

Permits, licenses and fees – Expenses in this category have increased by approximately \$22,411 when compared to FY2017 and include Paymentus (\$48,000), Sensus Customer Portal (\$42,200), Sensus Logic MDMS Software license maintenance (\$30,200), and payments to the City of Los Angeles for fees related to Wastewater conveyance and treatment services (\$191,300).

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

Debt Service Interest Expense – A debt service schedule is included on Page 9-38. For FY2018, the combined interest expense for all loans is \$698,561.

Other Revenue – This category includes other non-operating revenue from cell site rentals (\$109,200), penalties and late fees (\$78,000), connection fees (\$80,000), fees generated through the wastewater audit (\$25,000), start fees (\$9,000), and inspection fees (\$3,000).

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. I also want to thank the members of the Finance Committee for their efforts in assessing the District's financial needs and making recommendations to the District's Board.

The completion of this budget document was attributable to the dedication and hard work of the VRSD contract 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 Sanitation District Board in addressing any future challenges that lie ahead.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'Mark Norris', with a long horizontal flourish extending to the right.

Mark Norris

General Manager

Consolidated Budget.....2

TRIUNFO SANITATION DISTRICT
FISCAL YEAR 2018 BUDGET SUMMARY
CONSOLIDATED

Description	Actual FY 2014 Yearend	Actual FY 2015 Yearend	Actual FY 2016 Yearend	Adopted FY 2017 Budget	Estimated FY 2017 Yearend	Adopted FY 2018 Budget
Operating revenues:						
Fees, sales	\$ 14,452,798	\$ 13,261,850	\$ 13,165,367	\$ 15,674,079	\$ 14,167,438	\$ 18,174,028
Service charges	1,385,936	1,385,771	1,379,077	1,365,688	1,621,570	2,059,280
Other revenue	577,299	482,087	585,936	305,767	331,299	304,164
Total operating revenues	16,416,033	15,129,708	15,130,380	17,345,534	16,120,306	20,537,472
Operating expenses:						
Wastewater treatment, Potable & R/W purchase	9,646,496	9,193,900	8,469,527	10,214,151	8,421,763	9,332,739
VRSD contract services - Operations	2,336,551	2,708,307	2,646,919	3,003,979	2,963,481	3,223,388 [1]
VRSD contract services - Administration	910,725	883,728	1,145,935	1,199,723	1,240,220	1,253,904 [1]
Operating materials and supplies	-	-	-	-	-	-
Contract services	-	-	-	-	-	-
Professional services	95,968	127,670	94,031	174,594	259,264	100,003 [2]
Insurance	37,881	43,120	40,124	64,027	60,550	64,027
Board member fees and reimbursable expenses	47,533	47,068	48,675	69,058	59,010	73,328 [3]
Membership and dues	19,267	20,411	22,921	25,167	24,763	28,973 [4]
Conference and seminars	5,899	7,662	4,299	34,423	11,845	34,423 [5]
Management and administrative	19,801	20,858	19,462	47,200	35,236	91,368 [6]
Utilities	149,920	142,764	123,442	155,312	161,538	157,530
Permits, licenses and fees	191,339	177,428	286,827	346,053	346,873	368,464 [7]
Total operating expenses	13,461,380	13,372,917	12,902,162	15,333,687	13,584,542	14,728,146
Operating income(loss) before depreciation	2,954,653	1,756,792	2,228,218	2,011,848	2,535,764	5,809,326
Depreciation and amortization	865,402	899,549	1,288,281	1,318,521	1,318,104	1,318,521
Operating income(loss)	2,089,251	857,243	939,937	693,327	1,217,660	4,490,805
Non-operating revenues(expenses):						
Interest and investment earnings	26,054	38,940	69,338	25,000	53,181	40,000
Gain(loss) on sales and/or disposals of assets	-	28,179	1,953	-	-	-
Debt service interest expense	(64,375)	(26,078)	(367,450)	(369,757)	(451,241)	(698,561)
Contributed capital assets	-	-	-	-	-	-
Overhead cost allocation	-	-	-	-	0	-
Other, net	-	-	-	-	-	-
Total non-operating revenues(expenses)	(38,321)	41,041	(296,159)	(344,757)	(398,060)	(658,561)
Change in net assets before capital expenses	\$ 2,050,929	\$ 898,284	\$ 643,778	\$ 348,571	\$ 819,600	\$ 3,832,244 [8]
Capital expenses	1,917,034	1,915,400	1,827,859	4,900,402	12,790,612	4,075,531 [9]
Capital expenses - contra	-	-	-	-	-	-
Capital expenses, net	1,917,034	1,915,400	1,827,859	4,900,402	12,790,612	4,075,531
Change in net assets	\$ 133,895	\$ (1,017,117)	\$ (1,184,082)	\$ (4,551,831)	\$ (11,971,012)	\$ (243,287)

TRIUNFO SANITATION DISTRICT

FISCAL YEAR 2018 BUDGET SUMMARY

CONSOLIDATED

COMMENTS

The Consolidated budget summary provides a single page view of Central Administration, Wastewater, Potable Water, and Recycled Water, budget division activities, which includes Capital Expenses. Detail for each budget division can be found on individual budget pages.

- [1] VRSD contract services are identified on Pages 9-1 through 9-36.
- [2] Budgeted items include baseline legal fees (\$63K), fees for the TSD audit (\$25.8K), TSD's share of the JPA audit (\$5K), website redesign (\$4K), and marketing and advertising/sponsorship (\$2.2K).
- [3] Includes days of service for Board Meetings, Committee Meetings, and CASA and ACWA attendance.
- [4] Membership and dues consists of the following: CASA (\$13.5K), CSDA (\$6.8K), ACWA (\$2.7K), CUWCC (\$2.6K), CRWA (\$1.2K), Water Reuse Membership (\$0.9K), and \$1.2K in other membership and dues. This is detailed on Page 9-37.
- [5] Conference and seminars include the following: CASA (\$14.2K), ACWA (\$11.1K), CSDA (\$4.2K), and \$5K in other conferences and seminars. This is detailed on Page 9-37.
- [6] Management and administrative expenses include Mail Manager (\$54.7K), tax collector fees (\$20K), Bell Canyon sewer extensions (\$13.5K), and water conservation rebates (\$3.2K).
- [7] Significant fees include Paymentus (\$48K), the Sensus Customer Portal (\$42.2K), the Sensus Logic MDMS Software (\$30.2K), and capacity reservation charges and capacity rights obligations to the City of Los Angeles for use of the Tillman treatment plant (\$191.3K).
- [8] On a consolidated basis, it is estimated that the Triunfo Sanitation District FY 2018 REVENUES will exceed EXPENSES by approximately \$3.83M.
- [9] Capital Projects are listed on Page 7-2. Joint Powers Authority related capital improvement projects are identified and described in the attached *Las Virgenes - Triunfo Joint Powers Authority FY 2017-18 Budget* (Pages 8-44 through 8-63).

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Central Administration3

TRIUNFO SANITATION DISTRICT
FISCAL YEAR 2018 BUDGET SUMMARY
CENTRAL ADMINISTRATION

Description	Actual FY 2014 Yearend	Actual FY 2015 Yearend	Actual FY 2016 Yearend	Adopted FY 2017 Budget	Estimated FY 2017 Yearend	Adopted FY 2018 Budget
Operating revenues:						
Fees, sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Service charges	-	-	-	-	-	-
Other revenue	-	4,618	1,216	-	-	-
Total operating revenues	-	4,618	1,216	-	-	-
Operating expenses:						
Wastewater treatment, Potable & R/W purchase	-	-	-	-	-	-
VRSD contract services - Operations	-	-	-	-	-	-
VRSD contract services - Administration	599,556	489,640	564,291	713,743	713,743	714,144 [1]
Operating materials and supplies	-	-	-	-	-	-
Contract services	-	-	-	-	-	-
Professional services	95,968	79,580	61,064	99,594	99,594	100,003 [2]
Insurance	37,881	43,120	39,165	58,440	58,440	58,440 [3]
Board member fees and reimbursable expenses	47,372	47,041	48,392	58,408	59,010	62,678 [4]
Membership and dues	160	180	6,995	5,782	7,962	8,030 [5]
Conference and seminars	458	1,589	2,413	9,160	2,460	9,160 [6]
Management and administrative	1,719	2,747	-	7,500	1,736	1,100 [7]
Utilities	-	-	-	-	-	-
Permits, licenses and fees	9,735	8,644	9,556	12,260	12,192	12,971 [8]
Total operating expenses	792,848	672,541	731,876	964,887	955,136	966,526
Operating income(loss) before depreciation	(792,848)	(667,923)	(730,660)	(964,887)	(955,136)	(966,526)
Depreciation and amortization	-	-	-	-	-	-
Operating income(loss)	(792,848)	(667,923)	(730,660)	(964,887)	(955,136)	(966,526)
Non-operating revenues(expenses):						
Interest and investment earnings	3	1	199	-	74	-
Gain(loss) on sales and/or disposals of assets	-	-	-	-	-	-
Debt service interest expense	-	-	-	-	-	-
Contributed capital assets	-	-	-	-	-	-
Overhead cost allocation	792,845	667,921	742,994	964,887	955,062	966,526 [9]
Other, net	-	-	-	-	-	-
Total non-operating revenues(expenses)	792,848	667,922	743,193	964,887	955,136	966,526
Change in net assets before capital expenses	\$ 0	\$ (0)	\$ 12,534	\$ -	\$ (0)	\$ -
Capital expenses	-	-	-	-	-	-
Capital expenses - contra	-	-	-	-	-	-
Capital expenses, net	-	-	-	-	-	-
Change in net assets	\$ 0	\$ (0)	\$ 12,534	\$ -	\$ (0)	\$ -

TRIUNFO SANITATION DISTRICT
FISCAL YEAR 2018 BUDGET SUMMARY
CENTRAL ADMINISTRATION

COMMENTS

- [1] VRSD contract services are identified on Pages 9-1 through 9-36.
- [2] Professional Services includes the following estimates: baseline legal fees (\$63K), fees for the TSD audit (\$25.8K), TSD's share of the JPA audit (\$5K), website redesign (\$4K), and marketing and advertising/sponsorship (\$2.2K). These items are allocated between operational segments.
- [3] Liability (CSRMA) and workers compensation (State Fund) insurance costs (Allocated).
- [4] Day of service for TSD Board members. Anticipates approximately four (4) days of service per month (Allocated).
- [5] Membership and dues includes annual dues for CSDA (\$6.8K) and VCSDA (\$150), plus an additional \$1.1K for miscellaneous membership and dues.
- [6] Conference and seminars includes a \$5K estimate for miscellaneous conferences and \$4.2K for CSDA conference attendance.
- [7] Management and Administrative includes \$1.1K for Mail Manager.
- [8] Permits, Licenses, & Fees includes the following estimates: \$10.9K in LAFCo fees and \$2.1K in miscellaneous permit fees.
- [9] Overhead cost allocation represents the transfer IN from the Wastewater, Potable Water and Recycled Water Divisions.

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Wastewater Division4

TRIUNFO SANITATION DISTRICT
FISCAL YEAR 2018 BUDGET SUMMARY
WASTEWATER DIVISION

Description	Actual FY 2014 Yearend	Actual FY 2015 Yearend	Actual FY 2016 Yearend	Adopted FY 2017 Budget	Estimated FY 2017 Yearend	Adopted FY 2018 Budget	
Operating revenues:							
Fees, sales	\$ 6,590,649	\$ 6,644,859	\$ 7,144,479	\$ 7,608,811	\$ 7,608,811	\$ 8,212,841	[1]
Service charges	-	-	-	-	-	-	
Other revenue	333,799	281,478	121,197	125,000	136,738	120,000	[2]
Total operating revenues	6,924,448	6,926,337	7,265,676	7,733,811	7,745,549	8,332,841	
Operating expenses:							
Wastewater treatment	3,783,274	4,305,047	3,917,234	4,503,373	3,830,633	4,667,075	[3]
VRSD contract services - Operations	1,013,555	1,315,647	1,333,434	1,459,546	1,482,073	1,606,110	[4]
VRSD contract services - Administration	35,000	47,669	82,559	181,055	158,527	214,849	[4]
Operating materials and supplies	-	-	-	-	-	-	
Contract services	-	-	-	-	-	-	
Professional services	-	15,200	-	-	62,176	-	
Insurance	-	-	-	-	-	-	
Board member fees and reimbursable expenses	55	-	284	10,650	-	10,650	[5]
Membership and dues	12,480	12,480	12,480	12,980	15,426	13,498	[6]
Conference and seminars	5,352	5,994	1,886	25,263	9,385	25,263	[7]
Management and administrative	18,020	18,112	19,252	33,500	33,500	33,500	[8]
Utilities	33,174	29,270	26,604	30,000	36,226	40,000	
Permits, licenses and fees	143,310	119,296	206,679	182,871	182,871	196,771	[9]
Total operating expenses	5,044,221	5,868,716	5,600,411	6,439,237	5,810,816	6,807,716	
Operating income(loss) before depreciation	1,880,227	1,057,621	1,665,265	1,294,573	1,934,732	1,525,125	
Depreciation and amortization	365,119	450,113	431,777	431,777	431,777	431,777	
Operating income(loss)	1,515,108	607,508	1,233,488	862,796	1,502,955	1,093,348	
Non-operating revenues(expenses):							
Interest and investment earnings	26,269	38,708	69,088	25,000	53,060	40,000	
Gain(loss) on sales and/or disposals of assets	-	-	-	-	-	-	
Debt service interest expense	-	-	-	-	-	-	
Contributed capital assets	-	-	-	-	-	-	
Overhead cost allocation	(356,775)	(281,876)	(351,046)	(430,212)	(420,387)	(392,157)	[10]
Other, net	-	-	-	-	-	-	
Total non-operating revenues(expenses)	(330,506)	(243,168)	(281,958)	(405,212)	(367,327)	(352,157)	
Change in net assets before capital expenses	\$ 1,184,602	\$ 364,340	\$ 951,530	\$ 457,584	\$ 1,135,628	\$ 741,190	
Capital expenses	1,917,034	1,915,400	1,827,859	3,350,259	1,076,113	3,413,975	[11]
Capital expenses - contra	-	-	-	-	-	-	
Capital expenses, net	1,917,034	1,915,400	1,827,859	3,350,259	1,076,113	3,413,975	
Change in net assets	\$ (732,432)	\$ (1,551,060)	\$ (876,329)	\$ (2,892,675)	\$ 59,515	\$ (2,672,785)	

TRIUNFO SANITATION DISTRICT
FISCAL YEAR 2018 BUDGET SUMMARY
WASTEWATER DIVISION

COMMENTS

[1] FY2018 wastewater division revenue includes the following estimated sewer service fees:

Description	Total ERUs	Monthly Rate per ERU	Annual Rate per ERU	Annual Fees
Single Family Unit	8,122.13	\$50.49	\$605.88	\$4,921,036.12
Multiple Family & Mobile Homes	2,453.00	\$50.49	\$605.88	\$1,486,223.64
Apartments	1,216.75	\$40.38	\$484.56	\$589,588.38
Commercial/Hotels/Institutional/Recreational	655.38	\$50.49	\$605.88	\$397,081.63
Institutional (Non Tax Parcels Billed Manually)	277.00	\$50.49	\$605.88	\$167,828.76
Shopping Centers	107.00	\$89.65	\$1,075.80	\$115,110.60
Restaurants and Markets	212.00	\$116.14	\$1,393.68	\$295,460.16
Flow Customers - Commercial (Based on Prior Year Flow Data & Rate)	405.50	\$47.41	\$568.92	\$230,697.06
Flow Customers - Restaurants (Based on Prior Year Flow Data & Rate)	7.50	\$109.05	\$1,308.60	\$9,814.50
FY2018 Total	13,456.26			\$8,212,840.86

[2] Other Revenue includes the following estimates: Additional Fees Collected as a Result of the Wastewater Audit (\$25K), Connection Fees (\$80K), Penalties (\$12K), Inspections Fees (\$3K).

[3] Wastewater Treatment includes Triunfo's share of the JPA operating expenses, estimated to be in the amount of \$4.67M, which is detailed on Page 8-9.

[4] VRSD contract services are identified on Pages 9-1 through 9-36. Services include administration, collection system maintenance, operations and engineering functions, and source control functions.

[5] Day of service for three TSD Board members to attend CASA (36 days) and ACWA (9 days).

[6] Membership and dues includes the annual CASA membership in the amount of \$13,498.

[7] Conference and seminars includes CASA (\$14.2K) and ACWA (\$11.1K).

[8] Management & Administrative includes the following estimates: Tax Collector Fees (\$20K), and the Bell Canyon Sewer Extension (\$13.5K).

[9] Significant fees include capacity reservation charges and capacity rights obligations to the City of Los Angeles for use of the Tillman treatment plant.

[10] Overhead cost allocation is the Wastewater Division's share of allocated costs.

[11] Capital Projects are listed on Page 7-2. Joint Powers Authority related capital improvement projects are identified and described in the attached *Las Virgenes - Triunfo Joint Powers Authority FY 2017-18 Budget* (Pages 8-44 through 8-63).

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Potable Water Division.....5

TRIUNFO SANITATION DISTRICT
FISCAL YEAR 2018 BUDGET SUMMARY
POTABLE WATER DIVISION

Description	Actual FY 2014 Yearend	Actual FY 2015 Yearend	Actual FY 2016 Yearend	Adopted FY 2017 Budget	Estimated FY 2017 Yearend	Adopted FY 2018 Budget	
Operating revenues:							
Fees, sales	\$ 5,282,011	\$ 4,622,483	\$ 3,725,085	\$ 5,837,866	\$ 4,343,909	\$ 7,309,742	[1]
Service charges	1,224,512	1,223,848	1,220,181	1,223,423	1,471,493	1,849,844	[2]
Other revenue	239,608	195,898	463,523	180,767	194,418	184,164	[3]
Total operating revenues	6,746,131	6,042,230	5,408,789	7,242,057	6,009,820	9,343,751	
Operating expenses:							
Potable water purchase	3,731,891	3,223,673	2,680,573	3,882,678	2,838,342	3,973,407	[4]
VRSD contract services - Operations	1,230,755.69	1,340,243.56	1,264,091	1,451,892	1,408,629	1,463,993	
VRSD contract services - Administration	267,609	327,021	476,351	276,296	319,558	247,198	
Operating materials and supplies	-	-	-	-	-	-	
Contract services	-	-	-	-	-	-	
Professional services	-	-	27,731	75,000	92,547	-	
Insurance	-	-	938	5,460	1,979	5,460	
Board member fees and reimbursable expenses	106	27	-	-	-	-	
Membership and dues	5,792	6,916	2,611	6,405	1,375	6,545	[5]
Conference and seminars	89	79	-	-	-	-	
Management and administrative	63	-	210	6,200	-	55,400	[6]
Utilities	116,745	113,494	96,839	125,312	125,312	117,530	
Permits, licenses and fees	38,057	50,688	68,888	149,279	150,167	157,079	[7]
Total operating expenses	5,391,108	5,062,141	4,618,231	5,978,522	4,937,911	6,026,612	
Operating income(loss) before depreciation	1,355,023	980,089	790,558	1,263,534	1,071,909	3,317,139	
Depreciation and amortization	404,474	353,627	758,635	788,188	787,757	788,188	
Operating income(loss)	950,549	626,462	31,923	475,346	284,152	2,528,951	
Non-operating revenues(expenses):							
Interest and investment earnings	(218)	225	50	-	46	-	
Gain(loss) on sales and/or disposals of assets	-	28,179	1,953	-	-	-	
Debt service interest expense	(63,921)	(26,078)	(366,068)	(368,118)	(368,118)	(349,168)	[8]
Contributed capital assets	-	-	-	-	-	-	
Overhead cost allocation	(317,140)	(283,219)	(264,666)	(402,857)	(402,857)	(439,732)	[9]
Other, net	-	-	-	-	-	-	
Total non-operating revenues(expenses)	(381,280)	(280,893)	(628,732)	(770,975)	(770,929)	(788,900)	
Change in net assets before capital expenses	\$ 569,269	\$ 345,569	\$ (596,809)	\$ (295,629)	\$ (486,776)	\$ 1,740,051	
Capital expenses	-	-	-	310,000	33,624	18,050	[10]
Capital expenses - contra	-	-	-	-	-	-	
Capital expenses, net	-	-	-	310,000	33,624	18,050	
Change in net assets	\$ 569,269	\$ 345,569	\$ (596,809)	\$ (605,629)	\$ (520,400)	\$ 1,722,001	

TRIUNFO SANITATION DISTRICT

FISCAL YEAR 2018 BUDGET SUMMARY

POTABLE WATER DIVISION

COMMENTS

- [1] Estimated potable water sales for FY2018 include a pass through increase set to go into effect on January 1, 2018, in accordance with the water purchase rate increase from Calleguas Municipal Water District:

		July to December					January to June				
		Tier	Acre Feet	HCF	\$/HCF	Extension	Tier	Acre Feet	HCF	\$/HCF	Extension
FY2018 Adopted Budget	Tier 1		351.37	153,068	\$5.71	\$ 874,017	Tier 1	349.08	152,069	\$5.88	\$ 894,167
	Tier 2		674.90	294,005	\$6.52	\$ 1,916,914	Tier 2	570.21	248,402	\$6.69	\$ 1,661,808
	Tier 3		336.98	146,797	\$8.06	\$ 1,183,183	Tier 3	217.46	94,733	\$8.23	\$ 779,655
	Total		1,363.24	593,870		\$ 3,974,114	Total	1,136.76	495,204		\$ 3,335,630
		July to December					January to June				
		Tier	Acre Feet	HCF	\$/HCF	Extension	Tier	Acre Feet	HCF	\$/HCF	Extension
FY2017 Adopted Budget	Tier 1		351.37	153,068	\$4.24	\$ 649,008	Tier 1	349.08	152,069	\$4.41	\$ 670,625
	Tier 2		674.90	294,005	\$5.33	\$ 1,567,048	Tier 2	570.21	248,402	\$5.50	\$ 1,366,210
	Tier 3		322.51	140,493	\$6.79	\$ 953,947	Tier 3	208.12	90,665	\$6.96	\$ 631,029
	Total		1,348.77	587,566		\$ 3,170,002	Total	1,127.42	491,136		\$ 2,667,864

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

Meter Size	Adopted FY2018 Budget			Adopted FY 2017 Budget		
	Monthly Charge	Number of Meters	Extension	Monthly Charge	Number of Meters	Extension
5/8"			\$ -	\$ 15.23	3	\$ 548.28
3/4"			\$ -	\$ 15.23	3572	\$ 652,818.72
1"	\$ 28.02	4306	\$ 1,447,849.44	\$ 22.85	734	\$ 201,262.80
1.5"	\$ 44.24	58	\$ 30,791.04	\$ 38.10	58	\$ 26,517.60
2"	\$ 84.81	19	\$ 19,336.68	\$ 76.18	19	\$ 17,369.04
3"	\$ 133.50	199	\$ 318,798.00	\$ 121.90	199	\$ 291,097.20
4"	\$ 287.67	6	\$ 20,712.24	\$ 228.54	6	\$ 16,454.88
6"	\$ 514.87	2	\$ 12,356.88	\$ 380.92	2	\$ 9,142.08
	\$ 1,139.67	0	\$ -	\$ 684.40	1	\$ 8,212.80
		4590	\$ 1,849,844.28		4594	\$ 1,223,423.40

- [3] Other revenue includes the following estimates: start fees (\$9K), cell site leases (\$109.2K), and penalties & late fees (\$66K).

- [4] Estimated water purchase from Calleguas Municipal Water District during FY 2017 and 2018:

Item	Adopted FY 2018 Budget			Adopted FY 2017 Budget		
	Quantity **	Cost	Extension	Quantity	Cost	Extension
Water purchased (July-Dec)	1,390.51 acre feet	\$ 1,300	\$ 1,807,663	1,416.21 acre feet	\$ 1,257	\$ 1,780,179
Water purchased (Jan-June)	1,159.49 acre feet	\$ 1,375	\$ 1,594,299	1,183.79 acre feet	\$ 1,330	\$ 1,574,437
Pumping charges	2,550.00 acre feet	\$ 67	\$ 170,850	2,600.00 acre feet	\$ 67	\$ 174,200
Capacity Reservation Charge (July-Dec)	1,390.51 acre feet	\$ 75.82	\$ 105,428	1,416.21 acre feet	\$ 46.49	\$ 65,840
Capacity Reservation Charge (Jan-June)	1,159.49 acre feet	\$ 77.81	\$ 90,220	1,183.79 acre feet	\$ 46.96	\$ 55,591
Ready to Serve Charge (July-Dec)	1,390.51 acre feet	\$ 80.51	\$ 111,950	1,416.21 acre feet	\$ 91.00	\$ 128,875
Ready to Serve Charge (Jan-June)	1,159.49 acre feet	\$ 75.03	\$ 86,997	1,183.79 acre feet	\$ 82.41	\$ 97,556
Flow penalties	12 months	\$ 500	\$ 6,000	12 months	\$ 500	\$ 6,000
Total			\$ 3,973,407			\$ 3,882,678

** FY2018 Budgeted Quantities are Calculated at 2% More than Quantities Sold

- [5] Membership and dues includes ACWA (\$2.7K), CUWCC (\$2.6K), and CRWA (\$1.2K).
- [6] Management & Administrative includes the following estimates for Mail Manager (\$52.2K) and water conservation rebates (\$3.2K).
- [7] Significant Permits, Licenses, & Fees includes the following estimates: \$41.2K for the Sensus Customer Portal, \$29.5K for the Sensus Logic MDMS Software, \$48K for Paymentus, and \$23K for SWRCB, Encroachment, and EHD.
- [8] Debt service interest expense includes payments of \$143.4K on August 1, 2017 and \$139.7K on February 1, 2018 for the debt related to the construction of the Oak Canyon reservoir project. This debt will be retired on February 1, 2031. Debt service interest expense also includes \$66K in payments for the AMR Project.
- [9] Overhead cost allocation is the Potable Water Division's share of allocated costs.
- [10] Capital Projects are listed on Page 7-2.

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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Recycled Water Division6

TRIUNFO SANITATION DISTRICT
FISCAL YEAR 2018 BUDGET SUMMARY
RECYCLED WATER DIVISION

Description	Actual FY 2014 Yearend	Actual FY 2015 Yearend	Actual FY 2016 Yearend	Adopted FY 2017 Budget	Estimated FY 2017 Yearend	Adopted FY 2018 Budget	
Operating revenues:							
Fees, sales	\$ 2,580,139	\$ 1,994,508	\$ 2,295,803	\$ 2,227,402	\$ 2,214,718	\$ 2,651,445	[1]
Service charges	161,423	161,923	158,896	142,265	150,076	209,435	[2]
Other revenue	3,892	93	-	-	143	-	
Total operating revenues	2,745,454	2,156,524	2,454,699	2,369,667	2,364,937	2,860,880	
Operating expenses:							
Recycled water purchase	2,131,331	1,665,181	1,871,720	1,828,100	1,752,788	692,258	[3]
VRSD contract services - Operations	92,240	52,416	49,394	92,541	72,778	153,285	
VRSD contract services - Administration	8,560	19,398	22,735	28,629	48,392	77,712	
Operating materials and supplies	-	-	-	-	-	-	
Contract services	-	-	-	-	-	-	
Professional services	-	32,890	5,235	-	4,947	-	
Insurance	-	-	22	127	131	127	
Board member fees and reimbursable expenses	-	-	-	-	-	-	
Membership and dues	835	835	835	-	-	900	
Conference and seminars	-	-	-	-	-	-	
Management and administrative	-	-	-	-	-	1,368	
Utilities	-	-	-	-	-	-	
Permits, licenses and fees	237	(1,200)	1,704	1,643	1,643	1,643	
Total operating expenses	2,233,203	1,769,519	1,951,644	1,951,040	1,880,678	927,292	
Operating income(loss) before depreciation	512,251	387,005	503,054	418,627	484,259	1,933,588	
Depreciation and amortization	95,809	95,809	97,869	98,555	98,570	98,555	
Operating income(loss)	416,441	291,195	405,186	320,072	385,688	1,835,033	
Non-operating revenues(expenses):							
Interest and investment earnings	-	5	1	-	1	-	
Gain(loss) on sales and/or disposals of assets	-	-	-	-	-	-	
Debt service interest expense	(454)	-	(1,382)	(1,638)	(83,123)	(349,393)	[4]
Contributed capital assets	-	-	-	-	-	-	
Overhead cost allocation	(118,929)	(102,826)	(127,282)	(131,818)	(131,818)	(134,637)	[5]
Other, net	-	-	-	-	-	-	
Total non-operating revenues(expenses)	(119,383)	(102,821)	(128,663)	(133,456)	(214,940)	(484,030)	
Change in net assets before capital expenses	\$ 297,058	\$ 188,375	\$ 276,523	\$ 186,616	\$ 170,749	\$ 1,351,003	
Capital expenses	-	-	-	1,240,143	11,680,875	643,505	[6]
Capital expenses - contra	-	-	-	-	-	-	
Capital expenses, net	-	-	-	1,240,143	11,680,875	643,505	
Change in net assets	\$ 297,058	\$ 188,375	\$ 276,523	\$ (1,053,527)	\$ (11,510,127)	\$ 707,497	

TRIUNFO SANITATION DISTRICT

FISCAL YEAR 2018 BUDGET SUMMARY

RECYCLED WATER DIVISION

COMMENTS

[1] Recycled Water Sales:

Estimated TSD Wholesale Sales in Acre Feet [AF]								
Wholesale	Adopted FY 2018 Budget *				Adopted FY 2017 Budget +			
	AF	HCF	\$/AF	Extension	AF	HCF	\$/AF	Extension
Jul-Dec	322.96	140,681	\$1,040.00	\$335,878	1,052.14	458,311	\$444.58	\$467,759
Jan-Jun	212.18	92,426	\$1,100.00	\$233,398	708.86	308,780	\$444.58	\$315,146
Total	535.14	233,107		\$569,276	1,761	767,092		\$782,905

* FY 2018 Sales are to Cal Water

+ FY 2017 Sales were to Calleguas Municipal Water District

Estimated TSD Retail Sales [HCF] to Oak Park and Lake Sherwood								
Retail	Adopted FY 2018 Budget				Adopted FY 2017 Budget			
	AF	HCF	\$/HCF	Extension	AF	HCF	\$/HCF	Extension
Jul-Dec	661.99	288,361	\$4.38	\$1,263,021	640.52	279,009	\$3.25	\$906,779
Jan-Jun	429.34	187,020	\$4.38	\$819,148	365.22	159,088	\$3.38	\$537,717
Total	1,091.32	475,381		\$2,082,169	1,005.73	438,097		\$1,444,497

[2] Recycled Water Meter Service Charges:

Meter Size	Adopted FY2018 Budget			Adopted FY 2017 Budget		
	Monthly Charge	Number of Meters	Extension	Monthly Charge	Number of Meters	Extension
2"	\$ 144.84	98	\$ 170,331.84	\$109.52	97	\$ 127,481.28
3"	\$ 271.55	2	\$ 6,517.20	\$205.33	1	\$ 2,463.96
4"	\$ 452.60	4	\$ 21,724.80	\$342.23	1	\$ 4,106.76
6"	\$ 905.12	1	\$ 10,861.44	\$684.40	1	\$ 8,212.80
		105	\$ 209,435.28		100	\$ 142,264.80

[3] Recycled Water Purchase:

Estimated Acre Feet (AF) Purchase from JPA						
	Adopted FY 2018 Budget			Adopted FY 2017 Budget		
	AF	\$/AF	Extension	AF	\$/AF	Extension
Jul-Dec	995.55	\$423.13	\$421,247.07	1,052.14	\$423.41	\$445,485.73
Jan-Jun	640.49	\$423.13	\$271,010.53	708.86	\$423.41	\$300,139.28
Total (AF)	1,636.04		\$692,257.61	1,761		\$745,625.01

Estimated Acre Feet (AF) Purchase from CMWD						
	Adopted FY 2018 Budget *			Adopted FY 2017 Budget		
	AF	\$/AF	Extension	AF	\$/AF	Extension
Jul-Dec			\$0.00	641.9	\$1,006.00	\$645,751.40
Jan-Jun			\$0.00	387.2	\$1,064.00	\$411,980.80
Total (AF)			\$0.00	1,029.1		\$1,057,732.20

* No Longer Purchasing Recycled Water from Calleguas Municipal Water District

[4] Debt service interest expense also includes \$1,533 in payments for the AMR Project and \$347,860 in payments for the purchase of the Recycled Water system.

[5] Overhead cost allocation is the Recycled Water Division's share of allocated costs.

[6] Capital Projects are listed on Page 7-2. Joint Powers Authority related capital improvement projects are identified and described in the attached *Las Virgenes - Triunfo Joint Powers FY 2017-18 Budget* (Pages 8-44 through 8-63).

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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Capital Expenses7

TRIUNFO SANITATION DISTRICT
FISCAL YEAR 2018 BUDGET SUMMARY
CAPITAL EXPENSES

Description	Actual FY 2014 Yearend	Actual FY 2015 Yearend	Actual FY 2016 Yearend	Adopted FY 2017 Budget	Estimated FY 2017 Yearend	Adopted FY 2018 Budget
Operating revenues:						
Fees, sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Service charges	-	-	-	-	-	-
Other revenue	-	-	-	-	-	-
Total operating revenues	-	-	-	-	-	-
Operating expenses:						
Wastewater treatment, Potable & R/W purchase	-	-	-	-	-	-
VRSD contract services - Operations	32,333	171,141	3,714	-	11,670	-
VRSD contract services - Administration	-	-	-	-	-	-
Operating materials and supplies	-	-	-	-	-	-
Contract services	-	-	-	-	5,801	-
Professional services	453,824	108,287	66,334	-	-	-
Insurance	-	-	-	-	-	-
Board member fees and reimbursable expenses	-	-	-	-	-	-
Membership and dues	-	-	-	-	-	-
Conference and seminars	-	-	-	-	-	-
Management and administrative	-	-	-	-	-	-
Utilities	-	-	-	-	-	-
Permits, licenses and fees	-	-	-	-	-	-
Total operating expenses	486,157	279,428	70,048	-	17,470	-
Operating income(loss) before depreciation	(486,157)	(279,428)	(70,048)	-	(17,470)	-
Depreciation and amortization	-	-	-	-	-	-
Operating income(loss)	(486,157)	(279,428)	(70,048)	-	(17,470)	-
Non-operating revenues(expenses):						
Interest and investment earnings	236	-	-	-	-	-
Gain(loss) on sales and/or disposals of assets	-	-	-	-	-	-
Debt service interest expense	(236)	(374,275)	(15,328)	-	-	-
Contributed capital assets	-	-	-	-	-	-
Overhead cost allocation	-	-	-	-	-	-
Other, net	-	-	-	-	-	-
Total non-operating revenues(expenses)	-	(374,275)	(15,328)	-	-	-
Change in net assets before capital expenses	\$ (486,157)	\$ (653,703)	\$ (85,376)	\$ -	\$ (17,470)	\$ -
Capital expenses	48,213	2,017,840	320,088	4,900,402	12,790,612	4,075,531
Capital expenses - contra	(534,370)	(2,671,544)	(405,464)	-	-	-
Capital expenses, net	(486,157)	(653,703)	(85,376)	4,900,402	12,790,612	4,075,531
Change in net assets	\$ -	\$ -	\$ -	\$ (4,900,402)	\$ (12,808,082)	\$ (4,075,531)

TRIUNFO SANITATION DISTRICT
FISCAL YEAR 2018 BUDGET SUMMARY
CAPITAL EXPENSES

COMMENTS

[1] Currently, the FY2018 Capital Expense budget does not include VRSD Contract Services.

[2] The FY2018 TSD Capital Projects do not currently include VRSD Contract Services. Joint Powers Authority related capital improvement projects are identified and described in the attached *Las Virgenes - Triunfo Joint Powers Authority FY 2017-18 Budget* (Pages 8-44 through 8-63).

Summary of FY 2018 Capital Projects			
Description	Wastewater	Potable Water	Recycled Water
<i>Triunfo Sanitation District</i>			
Oak Park Water and Sewer Service Database Upgrades	\$50,000	\$18,050	
Design and Construction of Improvements for the North Shore Gravity System	\$1,000,000		
Design and Construction of the North Ranch Lift Station Improvements	\$60,000		
North Ranch Lift Station Generator	\$50,000		
Design and Construction of the Westlake Lift Station Improvements	\$100,000		
Carlisle Lift Station Improvements	\$40,000		
Polo Lift Station Improvements	\$40,000		
Regency Hills Pump Station Replacement			\$250,000
<i>Triunfo Sanitation District Subtotal</i>	<i>\$1,340,000</i>	<i>\$18,050</i>	<i>\$250,000</i>
<i>Triunfo Sanitation District's Share of Joint Powers Authority</i>			
Lost Hill Overpass Recycled Water Main Relocation			\$182,884
Miscellaneous RW Extension			\$38,632
Process Air Improvements	\$456,288		
Programmable Logic Controller Upgrades	\$97,858		
Pure Water Project Las Virgenes-Triunfo	\$380,730		\$163,170
Rancho Amendment Bin and Conveyance Modification Project	\$108,824		
Rancho Las Virgenes Digester Cleaning and Repair	\$241,871		
Rancho Las Virgenes FOG Receiving Facilities	\$7,350		
Rancho Reliability Improvements FY 17-18	\$38,808		
Raw Sludge Wet Well Mixing Improvements	\$31,642		
Recycled Water Tank Coating Evaluation and Repair			\$8,820
Summer Season 2013 TMDL Compliance	\$58,800		
Tapia Electrical and Instrumentation Upgrades	\$19,404		
Tapia Grit and Skimmings Pipeline Replacement	\$59,535		
Tapia Lighting Efficiency Upgrade	\$138,156		
Tapia Primary Tanks No 4-5 Rehabilitation	\$232,260		
Tapia Sluice Gate and Drive Replacement FY 17 - 18	\$163,640		
Tapia Water Reclamation Facility Reliability Improvements	\$38,808		
<i>Triunfo Sanitation District's Share of Joint Powers Authority Subtotal</i>	<i>\$2,073,975</i>	<i>\$0</i>	<i>\$393,505</i>
FY 2018 Capital Projects Estimated Total	\$3,413,975	\$18,050	\$643,505

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Las Virgenes-Triunfo Joint Powers Authority

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Las Virgenes – Triunfo Joint Powers Authority

FY 2017-18
Budget

June 5, 2017

Las Virgenes – Triunfo Joint Powers Authority

Fiscal Year 2017-18

Triunfo Sanitation District

Steven Iceland
Susan Pan
Janna Orkney
Michael Paule
James Wall - Chair

Mark Norris – District Manager

Las Virgenes Municipal Water District

Leonard Polan
Charles Caspary
Glen Peterson – Vice Chair
Lee Renger
Jay Lewitt

David Pedersen – General Manager

Administering Agency:
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302-1994
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Las Virgenes – Triunfo Joint Powers Authority
 4232 Las Virgenes Road, Calabasas, CA 91302
 818.251.2100



DATE: June 5, 2017

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

On June 6, 2016, the Board adopted the Fiscal Year 2016-17 Budget and approved the Fiscal Year 2017-18 Budget Plan. This represented the JPA's first-ever, two-year budget. As staff reviewed the budget plan, the proposed Fiscal Year 2017-18 Operating Budget required a net increase of only \$50,510, less than a 1% change over the approved plan.

During Fiscal Year 2017-18, the JPA will move forward with 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:

Managing the Effects of the Drought: During Fiscal Year 2016-17, the JPA experienced low wholesale recycled water sales and sewer flows due to the record-setting statewide drought. Inflows to the Tapia Water Reclamation Facility dropped to 5.96 million gallons per day, which was 32% less than peak flows in Fiscal Year 2007-08 and 2.69% less than in Fiscal Year 2015-16. The proposed budget anticipates a 5.7% annual increase in wholesale recycled water sales and a 5.8% annual increase in sewer flows, reflecting a very modest increase in water usage with significantly improved hydrologic conditions.

Pure Water Project Las Virgenes-Triunfo: On August 1, 2016, the JPA Board approved a Basis of Design Report and identified Scenario 4, indirect potable reuse using Las Virgenes Reservoir, as the preferred approach to maximize the JPA's beneficial use of recycled water and effectively eliminate discharges to Malibu Creek. Subsequently, the effort was renamed the Pure Water Project Las Virgenes-Triunfo. Staff will be performing the following tasks for the proposed project during Fiscal Year 2016-17:

- Completing a siting study for an advanced water treatment plant;
- Performing due diligence and environmental review for the potential acquisition of a property on Agoura Road;
- Initiating the environmental review for Pure Water Project Las Virgenes-Triunfo;
- Completing a mixing study for storage of purified water at Las Virgenes Reservoir;
- Initiating a Title XVI Feasibility Study using grant funding provided by the U.S. Bureau of Reclamation;
- Completing the preliminary and final designs for a demonstration project to be located in Building No. 1 at the Las Virgenes Municipal Water District Headquarters campus; and
- Continuing public outreach efforts to gain support for the effort.

James Wall
 Chair, Las Virgenes-Triunfo
 Joint Powers Authority
 Chair, Triunfo Sanitation District
 Board of Directors

Glen Peterson
 Vice Chair, Las Virgenes-Triunfo
 Joint Powers Authority
 President, Las Virgenes Municipal Water District
 Board of Directors

Tapia Water Reclamation Facility NPDES Permit Renewal: The National Pollution Discharge Elimination System (NPDES) Permit for the Tapia Water Reclamation Facility is anticipated to be renewed on June 1, 2017, together with a Time Schedule Order (TSO) for chloride limits applied to discharges to the Los Angeles River. The JPA will need to begin efforts to implement the requirements of the new NPDES Permit and TSO. These activities will include developing plans to comply with the 2013 TMDL nutrient limits for summertime fish flows, continuing progress on the Pure Water Project Las Virgenes-Triunfo and investigating the sources of chloride in the JPA's recycled water.

Investments in the Future: The proposed Fiscal Year 2017-18 Budget includes investment in a number of important projects to ensure the reliability of the JPA's services to its customers in the future. Following are examples of those projects:

- Completion of process air improvements at Tapia;
- Repair and cleaning of the Rancho Las Virgenes Composting Facility Digesters;
- Completion of the Lost Hills Overpass Recycled Water Main Relocation in partnership with the City of Calabasas; and
- Completion of primary sedimentation tank rehabilitation work at Tapia.

In summary, the JPA faces challenges in the upcoming fiscal year to address changes associated with drought recovery on wholesale recycled water sales and sewer inflows, implement new regulatory requirements and invest in the rehabilitation of the JPA's infrastructure. The proposed budget addresses these challenges and ensures that 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,

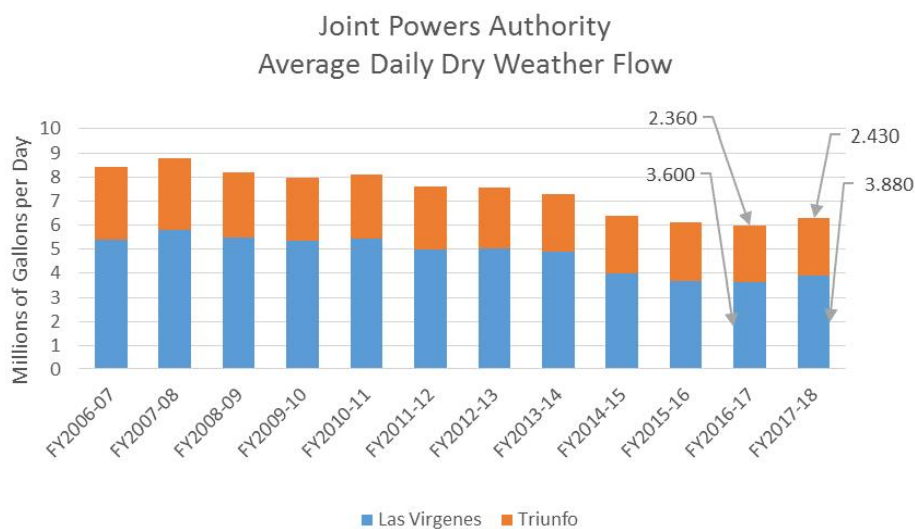


David W. Pedersen, P.E.
Administering Agent/General Manager

BUDGET OVERVIEW

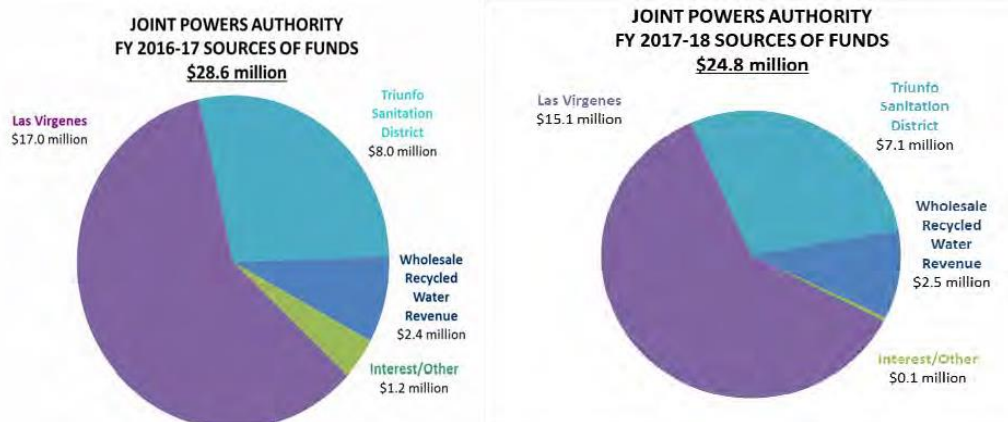
The following pages present an overview of the Fiscal Year 2016-18 Joint Powers Authority Budget created within the terms of the Joint Powers Authority agreement.

The following graph shows the participant's sewage flows since FY 2006-07. 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. The budgeted flows in FY 2017-18 assume a slight increase as the impacts of the drought are expected to level off.



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.



FY 2017-18 JPA Budget

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June 5, 2017

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 2016-17 and FY 2017-18: LVMWD 39.4%; TSD 60.6%),
- Participants' reserve capacity rights in the treatment plant and recycled water system (FY 2016-17 and FY 2017-18: LVMWD 70.6%; TSD 29.4%),
- Participants' flow into the treatment plant (varies monthly – FY 2016-17: projected to be LVMWD 61.7%; TSD 38.3%, and FY 2017-18: projected to be LVMWD 61.5%; TSD 38.5%), or
- Equal shares by participants for audit and meter station expense.

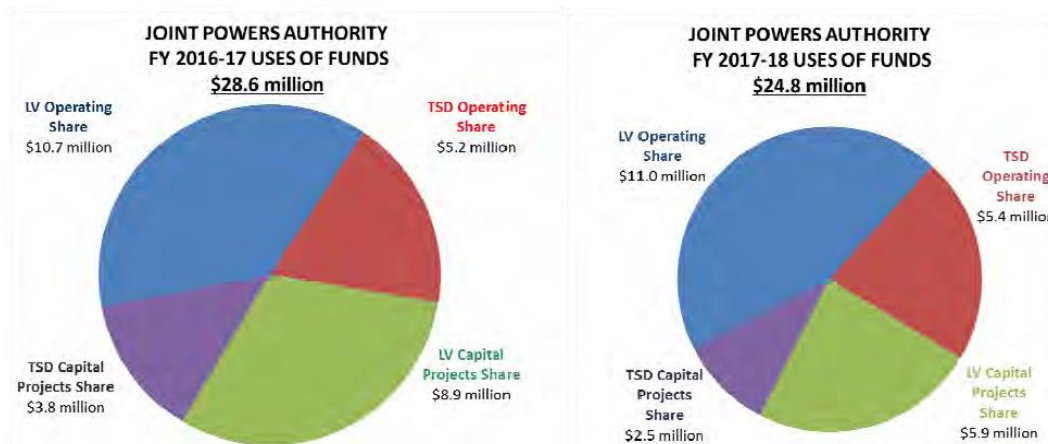
Because allocation of expense varies by type of expense, the overall percentage allocated to each participant changes from year to year. The total anticipated contribution from partners in FY 2016-17 is estimated to be \$0.36 million more than budgeted in FY15/16 for operations and \$5.82 million more in capital projects. For FY 2017-18, \$0.41 million more than budgeted in FY16/17 for operations and \$3.21 million less in capital projects.

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

	FY2013-14 ACTUAL	FY2014-15 ACTUAL	FY2015-16 ACTUAL	FY2016-17 BUDGET	FY2016-17 EST. ACTUAL	FY2017-18 BUDGET
Operating Revenue						
Recycled Water Revenue						
Las Virgenes Municipal Water District	2,052,560	1,508,136	1,557,726	1,664,596	1,665,136	1,707,782
Triunfo Sanitation District	839,098	626,542	728,937	745,625	747,639	765,442
Total Recycled Water Revenue	<u>2,891,658</u>	<u>2,134,678</u>	<u>2,286,663</u>	<u>2,410,221</u>	<u>2,412,775</u>	<u>2,473,224</u>
MVWD Incentive - Local Projects	107,800	100,331	-	-	-	-
Other	103,418	91,221	59,178	80,000	100,000	80,000
Total Operating Revenue	<u>3,102,876</u>	<u>2,326,230</u>	<u>2,345,841</u>	<u>2,490,221</u>	<u>2,512,775</u>	<u>2,553,224</u>
Interest & Other Revenue	<u>12,854</u>	<u>47,924</u>	<u>33,063</u>	<u>1,080,000</u>	<u>172,231</u>	<u>20,000</u>
Participant's Contribution						
Las Virgenes Municipal Water District						
Operations	8,254,018	8,624,539	7,623,145	8,889,799	8,180,741	9,134,827
Capital Projects	4,360,957	2,581,699	1,986,781	8,101,971	2,568,559	5,925,311
Total Las Virgenes	<u>12,614,975</u>	<u>11,206,238</u>	<u>9,609,926</u>	<u>16,991,770</u>	<u>10,749,300</u>	<u>15,060,138</u>
Triunfo Sanitation District						
Operations	3,783,274	4,305,046	3,917,234	4,503,373	3,830,633	4,667,075
Capital Projects	1,816,036	1,075,099	827,356	3,498,762	1,072,493	2,467,481
Total Triunfo	<u>5,599,310</u>	<u>5,380,145</u>	<u>4,744,590</u>	<u>8,002,135</u>	<u>4,903,126</u>	<u>7,134,556</u>
Total Sources of Funds	<u>21,330,015</u>	<u>18,960,537</u>	<u>16,733,420</u>	<u>28,564,126</u>	<u>18,337,432</u>	<u>24,767,918</u>

Use of Joint Powers Authority Funds

For operations and capital improvement projects, the use of funds in the proposed budget is \$28.6 million for FY 2016-17, and \$24.8 million for FY 2017-18, as shown below.



The proposed operating expenses for FY 2017-18 are approximately \$472,000, or 2.97% higher than the adopted budget for FY 2016-17. The main drivers for the increased operating expenses are projected increases of approximately: \$332,000 in allocated labor and support costs, \$75,000 in electricity, and \$150,000 in capital outlay. These increases are offset by a projected decrease in outside sources of \$195,000 that was budgeted last year for a new regulatory requirement for increased weed abatement in FY 2016-17.

The proposed capital improvement project (CIP) budget for FY 17/18 is approximately \$4.3 million lower than the budget for FY 16/17. This variance is detailed in the capital improvement projects detailed listing and varies from year-to-year based on the approved CIP and the timing of project completion. Overall, the total budget is \$3.8 million (13.3%) lower than the FY 16/17 approved budget due to the increases in operating budgets.

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

	FY2013-14 ACTUAL	FY2014-15 ACTUAL	FY2015-16 ACTUAL	FY2016-17 BUDGET	FY2016-17 EST. ACTUAL	FY2017-18 BUDGET
Operating Expenses						
Las Virgenes Municipal Water District	10,454,069	10,222,574	9,303,649	10,664,344	9,971,209	10,953,852
Triunfo Sanitation District	4,698,963	4,966,985	4,615,634	5,239,049	4,572,940	5,421,274
Total Operating Expenses	15,153,022	15,189,559	13,919,283	15,903,393	14,544,149	16,375,126
Non-Operating Expenses						
Las Virgenes Municipal Water District	0	80,611	0	0	0	0
Triunfo Sanitation District	0	33,569	0	0	0	0
Total Non-Operating Expenses	0	114,180	0	0	0	0
Capital Projects						
Las Virgenes Municipal Water District	4,360,957	2,581,699	1,986,781	8,850,331	2,676,034	5,925,311
Triunfo Sanitation District	1,816,036	1,075,099	827,356	3,810,402	1,117,249	2,467,481
Total Capital Projects	6,176,993	3,656,798	2,814,137	12,660,733	3,793,283	8,392,792
Total Uses of Funds	21,330,015	18,960,537	16,733,420	28,564,126	18,337,432	24,767,918

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Wholesale Recycled Water Rates

At the JPA meeting on June 6, 2011, the joint board approved a new formula for determining the wholesale price of recycled water, that is, the price that the JPA charges to its two customers—Las Virgenes Municipal Water District and Triunfo Sanitation District. Previously, the wholesale rate for recycled water was based upon the operating costs for recycled water reservoirs, system operations and pump stations (only for areas in which pumping is necessary). This represents the operating costs of recycled water. The new formula, effective July 1, 2011, used the operating costs and added the administrative overhead for recycled water operations and a depreciation expense for recycled water capital assets. The July 1, 2017 proposed wholesale rate for recycled water with pumping is \$423.13 per acre foot, which is lower than the previous rate of \$423.41 per acre foot. For wholesale recycled water delivered to the Las Virgenes Valley, which does not require additional pumping, the proposed rate of \$311.96 per acre foot is a decrease from \$315.53 per acre foot in the prior year.

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.

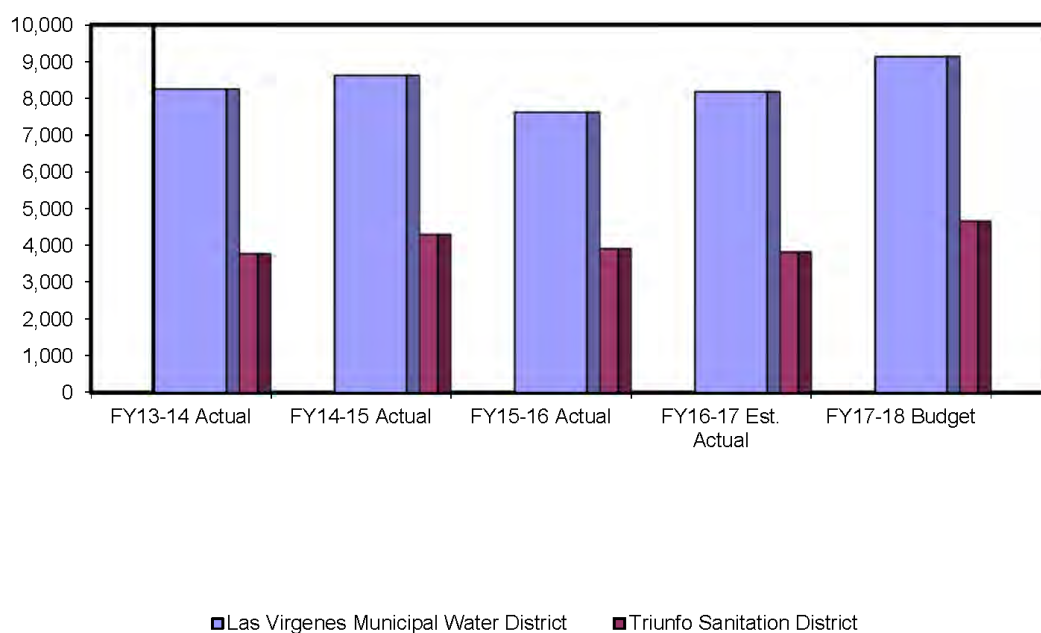
The FY 2016-17 Las Virgenes Municipal Water District budget for general and administrative expenses (otherwise known as Internal Services) is \$16.0 million. Of this total, \$5.68 million is allocated to the JPA based upon projected labor hours. For FY 2017-18, \$16.5 million total and \$6.42 allocated.

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.

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

	FY13-14 Actual	FY14-15 Actual	FY15-16 Actual	FY16-17 Est. Actual	FY17-18 Budget
JPA Revenues	3,103	2,326	2,346	2,513	2,553
JPA Expenses	15,153	15,189	13,920	14,544	16,375
Net Operating Expense	12,050	12,863	11,574	12,031	13,822
Non-Operating Revenue (Expense)	13	(66)	34	20	20
Net Expenses	12,037	12,929	11,540	12,011	13,802
Las Virgenes Municipal Water District	8,254	8,624	7,623	8,181	9,135
Triunfo Sanitation District	3,783	4,305	3,917	3,830	4,667
Total Allocated Expenses	12,037	12,929	11,540	12,011	13,802



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

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
OPERATING REVENUES							
4235 RW Sales - LVMWD	\$2,052,560	\$1,508,136	\$1,557,726	\$1,664,596	\$1,665,136	\$1,654,203	\$1,707,782
4240 RW Sales - TSD	839,098	626,542	728,937	745,625	747,639	741,871	765,442
4245 MWD Incentive - Local Projects	107,800	100,331	0	0	0	0	0
4505 Other Income from Operations	63,028	54,523	41,954	65,000	65,000	65,000	65,000
4510 Compost Sales	40,390	36,698	17,224	15,000	35,000	15,000	15,000
TOTAL OPERATING REVENUES	\$3,102,876	\$2,326,230	\$2,345,841	\$2,490,221	\$2,512,775	\$2,476,074	\$2,553,225
SOURCE OF SUPPLY							
5115 Purchased Water - Potable Suppl	0	136,529	0	0	34,124	0	0
OPERATIONS DIVISION EXPENSE							
5400 Labor	1,851,775	1,833,291	1,814,962	1,862,173	1,920,070	1,935,364	1,935,364
5405.1 Electricity	2,746,502	2,547,058	2,227,083	2,393,041	1,925,688	2,470,770	2,470,770
5405.2 Telephone	20,587	21,501	31,564	25,112	29,821	25,488	25,488
5405.3 Natural Gas	11,782	23,294	17,631	16,385	18,804	16,631	16,631
5405.4 Water	10,520	11,141	7,022	9,580	7,576	9,725	9,725
5410 Supplies/Material	101,724	58,280	80,525	74,350	80,574	75,365	75,365
5410.1 Fuel	15,979	14,978	6,004	14,604	2,895	15,233	15,233
5410.5 Ferric Chloride	84,096	60,306	56,100	69,500	31,956	70,700	70,700
5410.6 Defoamer/Deodorant	5,992	5,990	0	6,800	6,500	0	0
5410.7 Polymer	167,894	114,821	81,706	117,485	115,000	119,247	119,247
5410.8 Amendment	242,394	181,136	200,344	193,000	185,500	195,000	195,000
5410.9 Alum	25,577	14,569	6,205	25,600	15,500	25,900	25,900
5410.10 Sodium Hypochlorite	272,557	243,406	150,971	160,000	159,000	160,000	160,000
5410.11 Sodium Bisulfite	187,291	150,059	110,119	130,000	70,000	130,000	130,000
5410.13 Aqua Ammonia	18,298	20,249	40,318	50,000	18,035	50,000	50,000
5415 Outside Services	30,376	42,275	46,961	52,349	92,712	40,997	50,097
5417 Odor Control	99,259	130,480	72,177	141,200	149,143	141,800	145,000
5420 Permits and Fee	172,834	188,358	181,108	190,482	198,987	193,249	191,945
5425 Consulting Services	10,142	11,582	948	0	0	0	0
5430 Capital Outlay	38,610	16,609	27,790	82,000	20,000	0	37,000
Sub-total	\$6,114,189	\$5,689,383	\$5,159,538	\$5,613,661	\$5,047,761	\$5,675,469	\$5,723,465
MAINTENANCE DIVISION EXPENSE							
5500 Labor	1,204,745	1,259,216	1,114,953	1,408,815	1,181,715	1,445,396	1,445,396
5510 Supplies/Material	423,874	532,159	589,873	477,008	323,594	484,164	484,164
5515 Outside Services	214,212	362,683	362,494	509,015	470,426	313,657	313,657
5518 Building Maintenance	115,790	108,602	96,566	107,000	78,973	108,605	116,840
5520 Permits and Fee	937	768	814	500	500	500	500
5525 Consulting Services	0	4,002	0	0	0	0	0
5530 Capital Outlay	47,789	23,670	31,622	143,000	138,500	275,640	293,640
Sub-total	\$2,007,347	\$2,291,100	\$2,196,322	\$2,645,338	\$2,193,708	\$2,627,962	\$2,654,197
INVENTORY EXPENSES							
5536 Inventory Adjustment	50	12,800	3,102	4,400	4,000	4,840	4,840
Sub-total	\$50	\$12,800	\$3,102	\$4,400	\$4,000	\$4,840	\$4,840
PUBLIC INFORMATION							
6602 School Education Program	5,156	10,509	9,290	9,915	13,017	11,975	11,975
6604 Public Education Program	66,785	39,331	57,663	67,634	66,155	71,835	71,835
6606 Community Group Outreach	373	1,184	220	5,015	455	6,525	6,525
6608 Intergovernmental Coordination	1,872	1,842	6,008	10,342	6,448	10,618	10,618
Sub-total	\$74,186	\$52,866	\$73,181	\$92,906	\$86,075	\$100,953	\$100,953
RESOURCE CONSERVATION							
6788 District Sprayfield	267,574	254,095	258,114	311,384	249,912	311,920	311,920
6789 005 Discharge	350	5,523	3,652	370	360	380	380
6785 Watershed Programs	23,796	27,504	4,370	88,389	1,000	89,474	89,474
Sub-total	\$291,720	\$287,122	\$266,136	\$400,143	\$251,272	\$401,774	\$401,774

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

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
SPECIALTY EXPENSES							
5700 SCADA Services	88,895	68,401	58,619	135,650	71,555	142,568	142,568
5710.2 Technical Services	0	1,090	1,228	320	0	332	332
5712 Compost Sales/Use Tax	7,852	4,549	3,721	4,000	4,000	4,000	4,000
5715.2 Other Lab Services	148,230	147,489	168,185	151,292	72,459	153,562	153,562
5715.3 Tapia Lab Sampling	135,336	140,569	137,910	132,887	125,499	137,915	137,915
7202 Allocated Lab Expense	356,930	351,743	335,237	397,304	402,645	411,386	411,386
Sub-total	\$737,243	\$713,841	\$704,900	\$821,453	\$676,158	\$849,763	\$849,763
ADMINISTRATIVE EXPENSES							
6872 Litigation/Outside Services	88,533	219,268	106,211	50,000	150,000	50,000	50,000
6874 Litigation/District Costs	0	0	0	0	5,000	0	0
6516 Other Professional Services	92,259	20,186	149,719	6,540	100,000	50,000	50,000
6517 Audit Fees	5,300	2,500	3,296	2,650	2,575	2,730	2,730
7110 Travel/Misc Staff Expense	13	54	138	0	26	0	0
7135.1 Property Insurance	55,127	55,181	55,132	56,801	55,132	59,073	59,073
7135.4 Earthquake Insurance	92,800	89,726	88,786	91,475	88,786	95,134	95,134
7145 Claims Paid	0	147,000	18,000	0	72,000	0	0
7153 TSD Staff Services	500	4,036	1,804	5,000	5,000	5,000	5,000
6260 Rental Charge - Facility Repl	389,038	344,732	336,150	336,456	336,150	377,798	377,798
7203 Allocated Building Maint	80,473	88,082	95,945	95,565	82,757	85,410	97,010
7225 Allocated Support Services	3,413,211	3,432,606	3,288,672	4,044,489	3,690,779	4,177,028	4,218,645
7226 Allocated Operations Services	1,711,033	1,602,547	1,372,249	1,636,516	1,662,846	1,684,532	1,684,745
Sub-total	\$5,928,287	\$6,005,918	\$5,516,102	\$6,325,492	\$6,251,051	\$6,586,705	\$6,640,135
TOTAL EXPENSES	\$15,153,022	\$15,189,559	\$13,919,281	\$15,903,393	\$14,544,149	\$16,247,466	\$16,375,127
NET OPERATING EXPENSE	\$12,050,146	\$12,863,329	\$11,573,440	\$13,413,172	\$12,031,374	\$13,771,392	\$13,821,902

FY 2017-18 JPA Budget

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FISCAL YEAR 2016-17 ESTIMATED ACTUAL
ALLOCATION OF JOINT POWERS EXPENSES TO PARTICIPANTS

EXPENSES (REVENUES)	JPA EXPENSES BY ALLOCATION GROUPS					
SEWER EXPENSE	148,030	0	0	0	0	148,030
TREATMENT RECLAMATION	0	4,716,565	2,439,079	0	0	7,155,644
TREATMENT COMPOSTING	0	2,971,662	1,588,720	0	0	4,560,382
TREATMENT INJECTION	0	145,572	121,995	0	0	267,567
PUMP STATIONS	0	1,129,955	0	0	0	1,129,955
TANKS/RESERVOIR WELLS	0	109,093	0	0	0	109,093
SYSTEM OPERATION	0	33,505	0	0	0	33,505
WATER SYSTEM	0	83,131	0	0	0	83,131
ADMINISTRATIVE EXPENSES	0	1,050,267	0	2,575	0	1,052,842
TAPIA WAREHOUSE	0	4,000	0	0	0	4,000
REVENUES	0	(2,512,775)	0	0	(20,000)	(2,532,775)
TOTAL EXPENSES	148,030	7,730,975	4,149,794	2,575	(20,000)	12,011,374
	A	B	C	D	E	TOTAL

PARTICIPANTS SHARE	ALLOCATION OF EACH GROUP TO PARTICIPANTS									
	%	\$	%	\$	%	\$	%	\$	%	\$
U-1 SANITATION DISTRICT	36.3%	53,735	53.1%	4,636,947	38.8%	1,610,120	25.0%	644	82.2%	(16,449)
U-2 SANITATION DISTRICT	3.1%	4,589	17.5%	1,528,184	21.6%	896,356	25.0%	644	0.0%	0
RECYCLED WATER FUND				(534,029)						
LVMWD	39.4%	58,324	70.6%	5,631,102	60.4%	2,506,476	50.0%	1,288	82.2%	(16,449)
TRIUNFO SANITATION DISTRICT	60.6%	89,706	29.4%	2,099,873	39.6%	1,643,318	50.0%	1,287	17.8%	(3,551)
TOTAL ALLOCATION	100.0%	148,030	100.0%	7,730,975	100.0%	4,149,794	100.0%	2,575	100.0%	(20,000)
	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 reclaimed 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
 ESTIMATED ACTUAL FY 2016-17

PARTICIPANT	PROJECTED SEWAGE FLOWS			ALLOCATION OF TOTAL EXPENSES TO PARTICIPANTS			ESTIMATED ERUs	
	MILLION GALLONS PER DAY (MGD)	MILLION GALLONS PER YEAR (MG)	PERCENT BASED ON FLOWS	TOTAL EXP	\$ PER MG	%	ESTIMATED NUMBER OF ERUs	GPD PER ERU
	(A)	(B)	(C)	(D)	(D) / (B)		(E)	(A)/(E)
U-1 SANITATION DISTRICT	2.31	843	38.8%	6,284,997	7,456	50.1%	18,621	124
U-2 SANITATION DISTRICT	1.29	470	21.6%	2,429,773	5,170	19.4%	6,736	191
LVMWD	3.60	1,313	60.4%	8,714,770	6,637	69.5%	25,357	142
TRIUNFO SANITATION DISTRICT	2.36	861	39.6%	3,830,633	4,449	30.5%	12,257	192
TOTAL ALL PARTICIPANTS	5.96	2,174	100.0%	12,545,403 *	5,771	100.0%	37,614	158
RETURN FLOWS	1.30	476						
WESTLAKE WELLS	0.25	91						
FY 2017-18 JPA Budget	7.51	2,741						

* Total expenses allocated is net of non-operating interest income.

FISCAL YEAR 2017-18 OPERATING BUDGET
ALLOCATION OF JOINT POWERS EXPENSES TO PARTICIPANTS

EXPENSES (REVENUES)	JPA EXPENSES BY ALLOCATION GROUPS					
SEWER EXPENSE	250,225	0	0	0	0	250,225
TREATMENT RECLAMATION	0	4,908,961	3,030,453	0	0	7,939,414
TREATMENT COMPOSTING	0	3,219,561	2,010,346	0	0	5,229,907
TREATMENT INJECTION	0	231,655	204,259	0	0	435,914
PUMP STATIONS	0	1,207,631	0	0	0	1,207,631
TANKS/RESERVOIR WELLS	0	108,845	0	0	0	108,845
SYSTEM OPERATION	0	39,505	0	0	0	39,505
WATER SYSTEM	0	105,016	0	0	0	105,016
ADMINISTRATIVE EXPENSES	0	1,051,100	0	2,730	0	1,053,830
TAPIA WAREHOUSE	0	4,840	0	0	0	4,840
REVENUES	0	(2,553,225)	0	0	(20,000)	(2,573,225)
TOTAL EXPENSES	250,225	8,323,889	5,245,058	2,730	(20,000)	13,801,902
	A	B	C	D	E	TOTAL

PARTICIPANTS SHARE	ALLOCATION OF EACH GROUP TO PARTICIPANTS							
	%	\$	%	\$	%	\$	%	\$
U-1 SANITATION DISTRICT	36.3%	90,832	53.1%	4,868,914	38.4%	2,014,102	25.0%	683
U-2 SANITATION DISTRICT	3.1%	7,757	17.5%	1,604,633	23.1%	1,211,608	25.0%	683
RECYCLED WATER FUND				(647,936)			0.0%	0
TOTAL LVMWD	39.4%	98,589	70.6%	5,825,611	61.5%	3,225,710	50.0%	1,366
TRIUNFO SANITATION DISTRICT	60.6%	151,636	29.4%	2,498,278	38.5%	2,019,348	50.0%	1,364
TOTAL ALLOCATION	100.0%	250,225	100.0%	8,323,889	100.0%	5,245,058	100.0%	2,730
	A	B	C	D	E			

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 reclaimed 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 2017-18

PARTICIPANT	PROJECTED SEWAGE FLOWS			ALLOCATION OF TOTAL EXPENSES TO PARTICIPANTS			PROJECTED ERUs	
	MILLION GALLONS PER DAY (MGD)	MILLION GALLONS PER YEAR (MG)	PERCENT BASED ON FLOWS	TOTAL EXP	\$ PER MG	%	PROJECTED NUMBER OF ERUs	GPD PER ERU
	(A)	(B)	(C)	(D)	(D) / (B)		(E)	(A)/(E)
U-1 SANITATION DISTRICT	2.42	883	38.4%	6,958,082	7,877	48.2%	18,750	129
U-2 SANITATION DISTRICT	1.46	533	23.1%	2,824,681	5,301	19.5%	6,718	217
LVMWD	3.88	1,416	61.5%	9,782,763	6,908	67.7%	25,468	152
TRIUNFO SANITATION DISTRICT	2.43	887	38.5%	4,667,075	5,262	32.3%	12,257	198
TOTAL ALL PARTICIPANTS	6.31	2,303	100.0%	14,449,838 *	6,274	100.0%	37,725	167
RETURN FLOWS	1.28	467						
WESTLAKE WELLS	0.25	91						
	7.84	2,862						

* Total expenses allocated is net of non-operating interest income.

FY 2017-18 JPA Budget

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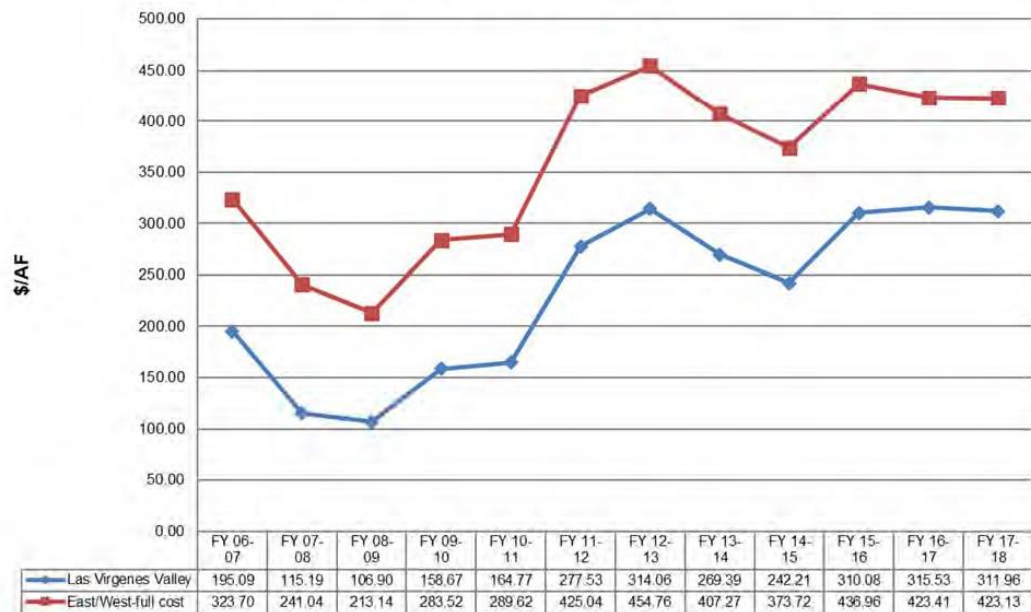
June 5, 2017

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Annual JPA Wholesale Recycled Water Sales



JPA Wholesale Recycled Water rates



FY 2017-18 JPA Budget

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**FY 2017-18 PROPOSED BUDGET
RW WHOLESALE RATE COMPUTATIONS**

FY 2017-18 Budgeted Costs	Total Cost	Base Cost	Add'l Pumping	East-West Cost
Pump Stations	1,207,631	581,516	626,115	
Reservoirs	108,845	108,845		
System Operations	39,505	39,505		
Distribution	105,016	105,016		
RW Operations	<u>1,460,997</u>			
RW Ops/Total JPA Ops	8.9%			
Total JPA Admin	1,058,670			
RW Administration	94,455	94,455		
subtotal: Operations & Admin	<u>1,555,452</u>	<u>929,337</u>		
Depreciation FY15-16	917,757	917,757	-	
Total Cost	<u>\$ 2,473,209</u>	<u>\$ 1,847,094</u>	<u>\$ 626,115</u>	
Costs per Acre Foot		<u>\$ 311.96</u>	<u>\$ 111.17</u>	<u>\$ 423.13</u>

FY 2017-18 Estimated Deliveries

	Acre Feet	Rate	
LV Valley	289	\$ 311.96 /AF	\$ 90,156.44
LVMWD East	1,517	\$ 423.13 /AF	\$ 641,888.21
LVMWD West	2,306	\$ 423.13 /AF	\$ 975,737.78
Total LVMWD	<u>4,112</u>		<u>\$ 1,707,782.43</u>
TSD	1,809	\$ 423.13 /AF	\$ 765,442.17
	<u>5,921</u>		<u>\$ 2,473,224.60</u>

JOINT POWERS AUTHORITY

Operating Revenues – 751000

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 normally projected using the prior 3 years' average purchases by each JPA partner and adjusted as necessary for weather and outage conditions. For FY 2015-16, sales were projected at FY 2014-15 levels, less 8% reduction, estimated for water conservation/drought restrictions. For FY16-17 and for FY17-18 sales are projected to increase 3% annually.

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

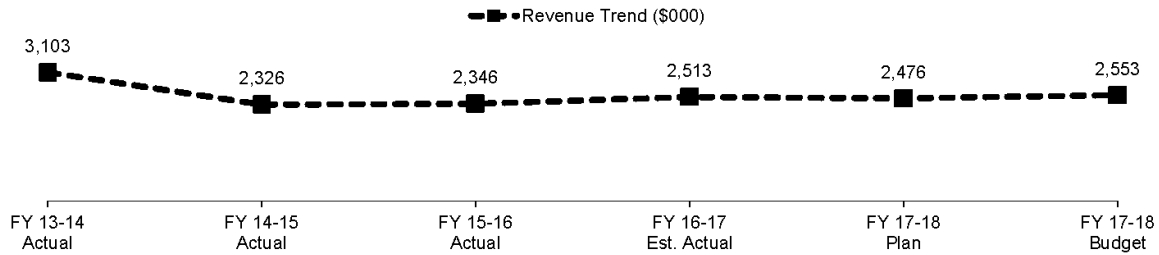
4245 MWD Incentive Local Projects – Funding from Metropolitan Water District to encourage reduction of potable water demand up to 700 af per year at \$154/af. The twenty-five (25) year agreement between the MWD and the JPA expired in November, 2014.

4505 Other Income from Operations – Primarily rental of tank sites to cellular telephone providers.

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

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

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
OPERATING REVENUES							
4235 RW Sales - LVMWD	\$2,052,560	\$1,508,136	\$1,557,726	\$1,664,596	\$1,665,136	\$1,654,203	\$1,707,782
4240 RW Sales - TSD	839,098	626,542	728,937	745,625	747,639	741,871	765,442
4245 MWD Incentive - Local Projects	107,800	100,331	0	0	0	0	0
4505 Other Income from Operations	63,028	54,523	41,954	65,000	65,000	65,000	65,000
4510 Compost Sales	40,390	36,698	17,224	15,000	35,000	15,000	15,000
TOTAL OPERATING REVENUES	\$3,102,876	\$2,326,230	\$2,345,841	\$2,490,221	\$2,512,775	\$2,476,074	\$2,553,225



5525 Consulting Services

FY 2017-18 JPA Budget

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JOINT POWERS AUTHORITY

RW Pump Stations – 751100

FUNCTION

To provide appropriate training, operating, preventive maintenance and maintenance and repair programs to preserve Joint Powers Authority (JPA) assets and to ensure the Effluent, East and West recycled water pump stations are operated and maintained safely, efficiently and cost-effectively to supply adequate water throughout the recycled water distribution system.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY16-17 or FY 17-18.

OPERATING EXPENSE LINE ITEM EXPLANATIONS

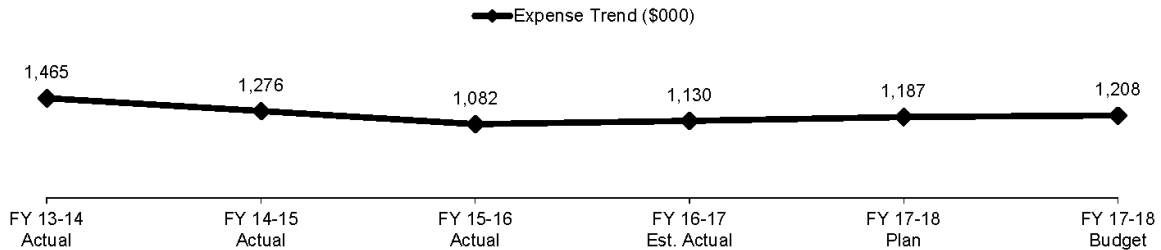
- 5400 Labor – Primarily labor hours worked by Water Treatment and Production and Water Reclamation personnel to operate and provide preventive maintenance to equipment and facilities at the various Joint Powers Authority pump stations.
- 5405.1 Energy – Energy costs for recycled water pump stations. 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.
- 5430 Cla Val parts (\$45K).

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.

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

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$34,886	\$38,232	\$29,500	\$30,749	\$34,614	\$31,462	\$31,462
5405.1 Electricity	1,326,341	1,049,230	964,611	961,813	960,000	1,018,073	1,018,073
5405.2 Telephone	0	0	0	0	0	0	0
5405.4 Water	0	0	0	0	78	0	0
5410 Supplies/Material	18,644	15,667	8,397	14,000	33,307	14,200	14,200
5415 Outside Services	275	4,072	6,745	4,900	4,153	5,000	5,000
5430 Capital Outlay	0	0	0	45,000	0	0	20,000
Sub-total	\$1,380,146	\$1,107,201	\$1,009,253	\$1,056,462	\$1,032,152	\$1,068,735	\$1,088,735
MAINTENANCE DIVISION EXPENSE							
5500 Labor	5,194	45,538	11,056	23,722	14,053	24,338	24,338
5510 Supplies/Material	14,748	7,599	1,013	7,800	6,986	7,917	7,917
5515 Outside Services	1,882	744	1,040	1,200	1,157	1,250	1,250
5530 Capital Outlay	0	0	0	0	0	0	0
Sub-total	\$21,824	\$53,881	\$13,109	\$32,722	\$22,196	\$33,505	\$33,505
SPECIALTY EXPENSES							
5710.2 Technical Services	0	0	0	0	0	0	0
Sub-total	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	42,107	78,366	41,805	58,615	52,121	60,420	61,021
7226 Allocated Operations Services	21,107	36,585	17,445	23,718	23,486	24,367	24,370
Sub-total	\$63,214	\$114,951	\$59,250	\$82,333	\$75,607	\$84,787	\$85,391
TOTAL EXPENSES	\$1,465,184	\$1,276,033	\$1,081,612	\$1,171,517	\$1,129,955	\$1,187,027	\$1,207,631



FY 2017-18 JPA Budget

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JOINT POWERS AUTHORITY

RW Tanks, Reservoirs and Wells – 751200

FUNCTION

To provide appropriate training, operating, preventive maintenance and maintenance and repair programs on a timely basis to preserve Joint Powers Authority (JPA) assets and to ensure Joint Powers Authority tanks, reservoirs, and wells are operated safely, efficiently and cost-effectively to provide adequate storage for daily and emergency uses of recycled water.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY16-17 or FY 17-18.

SOURCE OF SUPPLY

5115 Purchased Water – Potable water supplement required in the Joint Powers Authority distribution system for maintenance needs. During the rehabilitation of Reservoir 2 in FY 14-15, 89.06 acre-feet of potable water was purchased to meet the operational challenges presented by the temporary loss of storage capacity.

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.

5405.2 Telephone – Funds for a SCADA communications used at Cordillera Tank site.

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 and Reservoir 3 to maintain the quality of the water within the recycled water distribution system. Includes expenditures related to weed abatement, landscape maintenance, and septic service. FY17 request includes an additional request (above status quo spending) of \$12 for tank diving.

5420 Well 1 & 2 water rights.

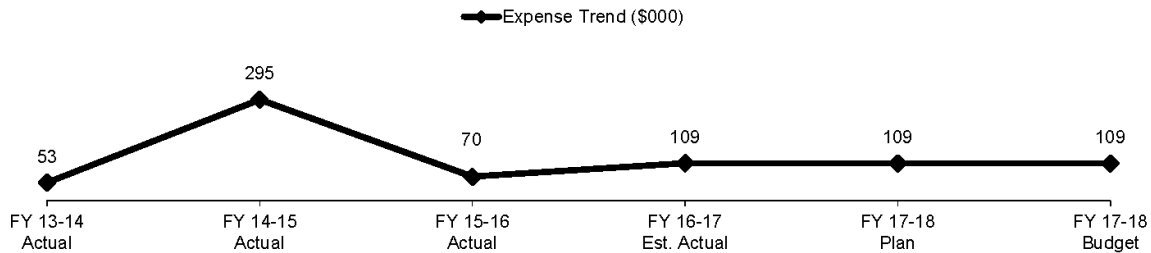
MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

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 Tanks, Reservoirs and Wells - 751200**

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
SOURCE OF SUPPLY							
5115 Purchased Water - Potable Suppl	\$0	\$136,529	\$0	\$0	34,124	\$0	\$0
OPERATIONS DIVISION EXPENSE							
5400 Labor	9,797	21,817	8,712	15,030	7,613	15,356	15,356
5405.1 Electricity	16,929	16,968	17,508	17,502	17,700	17,765	17,765
5405.2 Telephone	607	801	1,163	1,080	1,323	1,096	1,096
5405.4 Water	0	0	0	0	55	0	0
5410 Supplies/Material	1,267	362	3,449	2,500	2,317	2,530	2,530
5415 Outside Services	5,398	14,300	7,425	21,849	23,500	9,997	9,997
5420 Permits and Fee	100	100	100	100	100	102	102
5425 Consulting Services	0	0	0	0	0	0	0
Sub-total	\$34,098	\$54,348	\$38,357	\$58,061	\$52,608	\$46,846	\$46,846
MAINTENANCE DIVISION EXPENSE							
5500 Labor	992	25,650	7,056	14,765	3,775	15,179	15,179
5510 Supplies/Material	0	9,602	381	0	0	0	0
5515 Outside Services	516	1,155	1,155	1,260	990	1,279	1,279
Sub-total	\$1,508	\$36,407	\$8,592	\$16,025	\$4,765	\$16,458	\$16,458
SPECIALTY EXPENSES							
5700 SCADA Services	0	0	0	0	0	0	0
5710.2 Technical Services	0	0	0	0	0	0	0
Sub-total	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	11,365	46,352	15,915	31,265	12,132	32,223	32,544
7226 Allocated Operations Services	5,698	21,639	6,642	12,650	5,464	12,996	12,997
Sub-total	\$17,063	\$67,991	\$22,557	\$43,915	\$17,596	\$45,219	\$45,541
TOTAL EXPENSES	\$52,669	\$295,275	\$69,506	\$118,001	\$109,093	\$108,523	\$108,845



FY 2017-18 JPA Budget

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JOINT POWERS AUTHORITY

RW System Operation – 751300

FUNCTION

To provide appropriate training, operating, preventive maintenance, and maintenance and repair programs to ensure preservation of district assets and proper operation of the recycled water distribution system, including water quality review, operation of Supervisory Control and Data Acquisition (SCADA) systems, water usage data collection and storage and other necessary programs.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY16-17 or FY 17-18.

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.

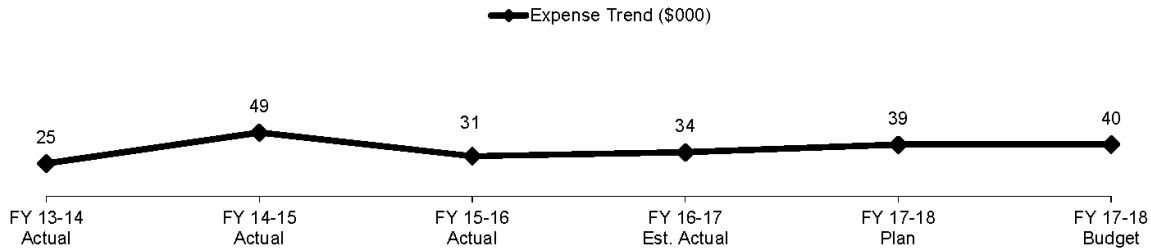
SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

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 System Operations - 751300**

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$7,938	\$16,490	\$9,290	\$9,334	\$11,188	\$9,623	\$9,623
5410 Supplies/Material	0	0	0	0	0	0	0
5420 Permits and Fee	88	88	88	88	88	89	89
Sub-total	\$8,026	\$16,578	\$9,378	\$9,422	\$11,276	\$9,712	\$9,712
MAINTENANCE DIVISION EXPENSE							
5500 Labor	1,785	2,966	0	3,024	0	3,127	3,127
5510 Supplies/Material	36	591	4,297	1,000	750	1,015	1,015
5515 Outside Services	0	0	0	0	0	0	0
Sub-total	\$1,821	\$3,557	\$4,297	\$4,024	\$750	\$4,142	\$4,142
SPECIALTY EXPENSES							
5700 SCADA Services	0	413	3,431	2,802	3,431	2,901	2,901
5710.2 Technical Services	0	0	0	320	0	332	332
Sub-total	\$0	\$413	\$3,431	\$3,122	\$3,431	\$3,233	\$3,233
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	10,151	19,209	9,537	15,386	12,441	15,863	16,021
7226 Allocated Operations Services	5,089	8,968	3,979	6,224	5,607	6,396	6,397
Sub-total	\$15,240	\$28,177	\$13,516	\$21,610	\$18,048	\$22,259	\$22,418
TOTAL EXPENSES	\$25,087	\$48,725	\$30,622	\$38,178	\$33,505	\$39,346	\$39,505



5525 Consulting Services

FY 2017-18 JPA Budget

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JOINT POWERS AUTHORITY

RW Distribution System – 751700

FUNCTION

To provide appropriate training, operating, preventive maintenance, and maintenance and repair programs to preserve Joint Powers Authority assets and to ensure the safe and reliable delivery of recycled water to the two Joint Powers Authority customers, Las Virgenes and Triunfo.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY16-17 or FY 17-18.

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.
- 5430 FY16-17 request is for valve repairs (\$15,000).

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

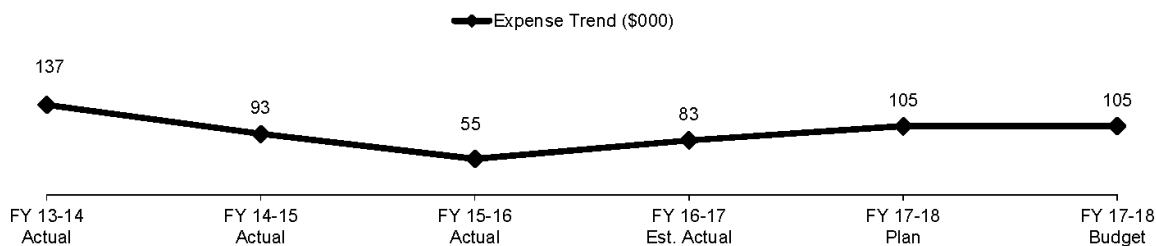
- 5500 Labor – Primarily labor hours worked by Construction Section personnel to provide maintenance and pipeline location in the recycled water distribution pipeline system.
- 5510 Supplies/Materials – Items required by staff to maintain the recycled water distribution system, such as valves, pipe, 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.

SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

- 5710.2 Technical Services – The costs for labor hours by Technical Services personnel.

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

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$5,414	\$1,580	\$937	\$3,365	\$484	\$3,443	\$3,443
5410 Supplies/Material	186	475	144	350	20	355	355
5415 Outside Services	0	0	0	0	0	0	0
5425 Consulting Services	0	0	0	0	0	0	0
5430 Capital Outlay	0	0	0	15,000	0	0	0
Sub-total	\$5,600	\$2,055	\$1,081	\$18,715	\$504	\$3,798	\$3,798
MAINTENANCE DIVISION EXPENSE							
5500 Labor	37,940	21,797	18,745	28,201	17,256	29,274	29,274
5510 Supplies/Material	4,751	3,156	3,600	4,000	3,491	4,060	4,060
5515 Outside Services	23,833	32,534	2,826	20,000	33,000	20,300	20,300
5520 Permits and Fee	937	768	814	500	500	500	500
Sub-total	\$67,461	\$58,255	\$25,985	\$52,701	\$54,247	\$54,134	\$54,134
SPECIALTY EXPENSES							
5710.2 Technical Services	0	0	0	0	0	0	0
Sub-total	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	42,891	22,269	19,509	32,322	19,565	33,316	33,648
7226 Allocated Operations Services	21,501	10,397	8,140	13,077	8,815	13,434	13,436
Sub-total	\$64,392	\$32,666	\$27,649	\$45,399	\$28,380	\$46,750	\$47,084
TOTAL EXPENSES	\$137,453	\$92,976	\$54,715	\$116,815	\$83,131	\$104,682	\$105,016



JOINT POWERS AUTHORITY

Sewers – 751800

FUNCTION

To provide sewer maintenance service in those portions of the trunk sewer system which are shared by Las Virgenes Municipal Water District and Triunfo Sanitation District.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY16-17 or FY 17-18.

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 (\$500) and state water board permit fees (\$1,250). FY14 expense of \$8,844 was for SWRCB WDR fees.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

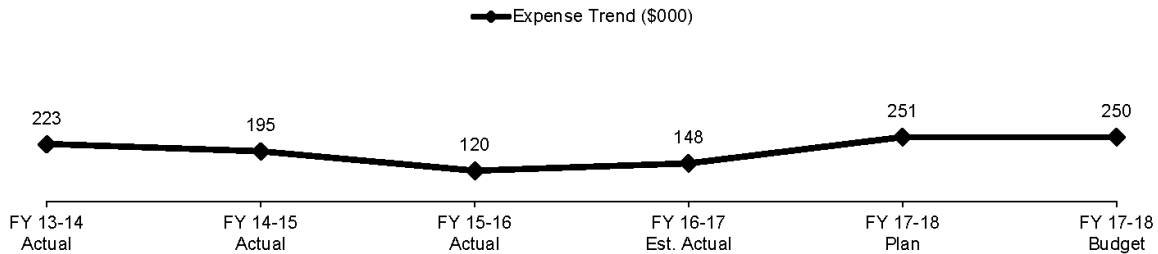
- 5500 Labor – Primarily labor hours worked by maintenance personnel in the Joint Powers Authority sewers located within the Joint Powers Authority (U-1 Sanitation District) area.
- 5510 Supplies/Materials – Items required by staff in maintaining the trunk sewer system. Increased funding is to replace manhole rings and covers.
- 5515 Outside Services – Funds to hire maintenance providers for emergency clean up and repairs. FY12-13 funding (approximately \$200,000) included the completion of the sewer bridge project that was initiated in FY11-12 (painting and repair of 11 sewer bridges; total project amount was approximately \$245,000). Included in this account for FY15-16 are sewer flow monitoring costs (\$24K), JPA sewer line cleaning and video inspection services (\$6K).

SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

- 5710.2 Technical Services – The costs for labor hours by Technical Services personnel.
- 5715.2 Other Laboratory Services – Labor and materials to manage the Industrial Pre-treatment Program.

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

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$0	\$0	\$0	\$0	\$298	\$0	\$0
5405.1 Electricity	310	313	312	348	254	353	353
5405.4 Water	0	0	0	200	0	203	203
5410 Supplies/Material	0	0	0	0	0	0	0
5420 Permits and Fee	9,316	472	472	1,750	472	1,776	472
5425 Consulting Services	0	0	0	0	0	0	0
Sub-total	\$9,626	\$785	\$784	\$2,298	\$1,024	\$2,332	\$1,028
MAINTENANCE DIVISION EXPENSE							
5500 Labor	74,876	57,136	38,702	83,959	31,316	87,304	87,304
5510 Supplies/Material	26	5,469	1,533	2,708	57	2,749	2,749
5515 Outside Services	27,703	49,330	24,233	33,755	65,000	34,261	34,261
5530 Capital Outlay	0	0	0	0	0	0	0
Sub-total	\$102,605	\$111,935	\$64,468	\$120,422	\$96,373	\$124,314	\$124,314
SPECIALTY EXPENSES							
5710.2 Technical Services	0	0	0	0	0	0	0
5715.2 Other Laboratory Services	0	0	0	0	0	0	0
Sub-total	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	73,702	55,955	38,288	85,725	34,905	88,362	89,243
7226 Allocated Operations Services	36,947	26,123	15,975	34,688	15,728	35,636	35,640
Sub-total	\$110,649	\$82,078	\$54,263	\$120,413	\$50,633	\$123,998	\$124,883
TOTAL EXPENSES	\$222,880	\$194,798	\$119,515	\$243,133	\$148,030	\$250,644	\$250,225



FY 2017-18 JPA Budget

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JOINT POWERS AUTHORITY

Treatment/Reclamation – 751810

FUNCTION

To properly operate and maintain the wastewater treatment process in order to meet regulatory requirements and protect public health.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY16-17 or FY 17-18.

OPERATING EXPENSE LINE ITEM EXPLANATIONS

- 5400 Labor – Primarily labor hours worked by treatment personnel to operate and maintain the plant.
- 5410 Line item formerly included instrumentation replacement which is now budgeted in the IIP.
- 5410.10Sodium Hypochlorite – Usage expected to be at same levels.
- 5410.11Sodium Bisulfite – Usage contingent upon discharge flows to Malibu Creek.
- 5410.13Aqua Ammonia – Bulk deliveries to District facilities result in cost savings.
- 5415 Outside Services – Funds for maintenance and specialty services for safety equipment, instruments, grit and rags disposal, service contracts for analyzers, etc.
- 5417 Odor Control – Carbon replacement
- 5420 Permits/Fees – Funds NPDES and Non-NPDES permits from Regional Water Quality Control Board and SCAQMD permits for general plant operation, generators and air pollution control devices. Includes miscellaneous permits from other agencies.
- 5425 Consulting Services – Funds for consultant's assistance during permit process.
- 5430 Capital Outlay – FY16-17 proposal includes air boots(\$5K), ammonia probe (7K), turbidity analyzer (\$10K).

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

- 5500 Labor – Primarily labor hours worked by Maintenance Section personnel to provide maintenance services.
- 5510 Supplies/Materials – Items required for staff for maintenance of plant facilities and equipment.
- 5515 Outside Services – Funding for repair and maintenance of mechanical equipment including generators, blowers and switchgears. FY 16-17 weed abatement increase estimated at \$100K.
- 5518 Bldg. Maintenance – Costs related to maintaining the basic buildings and site and which are not process related.
- 5525 Consulting Services – Funds for assistance in maintaining PLCs.
- 5530 FY16-17 items include switchgear preventative maintenance (\$40K), actuator replacements (\$35K) and calibration (\$14K).

EFFLUENT DISPOSAL LINE ITEM EXPLANATIONS

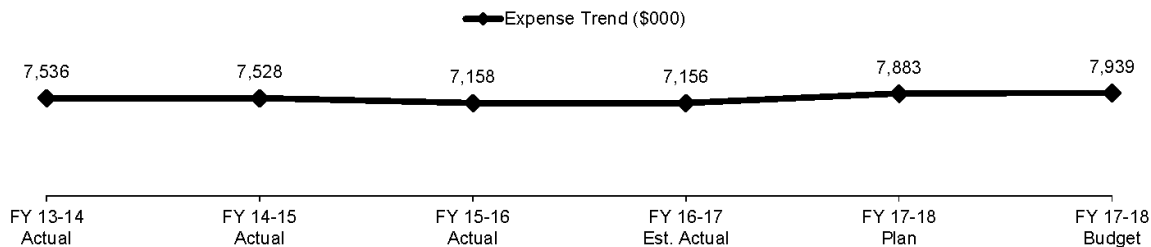
- 6788 District Sprayfields – Contractor, equipment, supply, and staff costs associated with maintaining farm fields, catch basins, roads, fences and equipment, disposing of effluent as needed due to permit requirements or distribution system upsets, and harvesting vegetation to remove nitrogen applied via irrigation on the Rancho Farm fields.
- 6789 005 Discharge – Pumping, energy and lab costs associated with disposal of effluent through 005. Due to the high turbidity of water available from RW Reservoir #2, the District did not discharge through 005. Following completion of Reservoir #2 improvements discharge through 005 will resume as needed.

SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

- 5700 SCADA Services – Labor and materials costs for services provided by Information Systems to maintain the SCADA system.
- 5715.2 Other Laboratory Services – Reflects outside laboratory testing. Increase due to annual bioassessment for Malibu Creek and Los Angeles River as required by the NPDES permit.
- 5715.3 Tapia Lab Sampling – Tapia laboratory staff costs for obtaining samples from the reclamation process.
- 7202 Allocated Lab Expense – Tapia laboratory costs for testing samples. Costs are based on total number of in-house tests performed for treatment divided by total number of tests performed in-house.

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

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$1,071,046	\$1,062,903	\$1,025,483	\$1,026,320	\$1,104,315	\$1,069,822	\$1,069,822
5405.1 Electricity	960,665	998,142	857,098	966,728	695,000	981,229	981,229
5405.2 Telephone	12,353	14,294	20,092	16,560	21,198	16,808	16,808
5405.3 Natural Gas	10,868	10,131	9,492	10,085	8,597	10,236	10,236
5405.4 Water	4,047	3,252	2,880	3,500	3,776	3,553	3,553
5410 Supplies/Material	39,840	17,275	40,885	32,000	23,384	32,480	32,480
5410.1 Fuel	4,596	7,161	2,147	6,000	0	6,500	6,500
5410.2 Chlorine	0	0	0	0	0	0	0
5410.3 Sulphur Dioxide	0	0	0	0	0	0	0
5410.5 Ferric Chloride	84,096	60,306	56,100	69,500	31,956	70,700	70,700
5410.6 Defoamer/Deodorant	5,992	5,990	0	6,800	6,500	0	0
5410.9 Alum	25,577	14,569	6,205	25,600	15,500	25,900	25,900
5410.10 Sodium Hypochlorite	272,557	243,406	150,971	160,000	159,000	160,000	160,000
5410.11 Sodium Bisulfite	187,291	150,059	110,119	130,000	70,000	130,000	130,000
5410.13 Aqua Ammonia	18,298	20,249	40,318	50,000	18,035	50,000	50,000
5415 Outside Services	20,067	18,788	31,025	20,600	26,059	20,900	30,000
5417 Odor Control	45,933	35,616	25,122	41,200	51,442	41,800	45,000
5420 Permits and Fee	88,089	106,393	97,656	106,000	105,000	107,500	107,500
5425 Consulting Services	7,626	11,582	948	0	0	0	0
5430 Capital Outlay	38,610	16,609	27,790	22,000	20,000	0	15,000
Sub-total	\$2,897,551	\$2,796,725	\$2,504,331	\$2,692,893	\$2,359,762	\$2,727,428	\$2,754,728
MAINTENANCE DIVISION EXPENSE							
5500 Labor	547,300	582,571	571,656	624,675	594,410	640,147	640,147
5510 Supplies/Material	179,603	259,856	349,781	240,000	134,296	243,600	243,600
5515 Outside Services	101,893	151,912	194,471	235,000	208,279	137,000	137,000
5518 Building Maintenance	53,394	53,940	36,880	51,000	34,375	51,765	60,000
5525 Consulting Services	0	0	0	0	0	0	0
5530 Capital Outlay	21,148	0	19,488	89,000	87,000	75,000	75,000
Sub-total	\$903,338	\$1,048,279	\$1,172,276	\$1,239,675	\$1,058,360	\$1,147,512	\$1,155,747
EFFLUENT DISPOSAL							
6788 District Sprayfield	267,574	254,095	258,114	311,384	249,912	311,920	311,920
6789 005 Discharge	350	5,523	3,652	370	360	380	380
Sub-total	\$267,924	\$259,618	\$261,766	\$311,754	\$250,272	\$312,300	\$312,300
SPECIALTY EXPENSES							
5700 SCADA Services	71,457	58,344	42,939	78,934	55,640	92,963	92,963
5710.2 Technical Services	0	922	1,228	0	0	0	0
5715.2 Other Lab Services	136,252	136,041	154,359	136,000	65,174	138,040	138,040
5715.3 Tapia Lab Sampling	126,090	128,179	128,246	123,872	114,502	128,559	128,559
5525 Consulting Services	324,966	320,243	305,216	361,724	366,588	374,546	374,546
Sub-total	\$658,765	\$643,729	\$631,988	\$700,530	\$601,904	\$734,108	\$734,108
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	1,870,810	1,895,203	1,825,966	2,039,221	1,989,157	2,110,334	2,131,360
7226 Allocated Operations Services	937,835	884,799	761,913	825,127	896,189	851,063	851,171
Sub-total	\$2,808,645	\$2,780,002	\$2,587,879	\$2,864,348	\$2,885,346	\$2,961,397	\$2,982,531
TOTAL EXPENSES	\$7,536,223	\$7,528,353	\$7,158,240	\$7,809,200	\$7,155,644	\$7,882,745	\$7,939,414



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JOINT POWERS AUTHORITY

Treatment/Composting – 751820

FUNCTION

To provide for the operation and maintenance of facilities for the conversion of biosolids to a reusable compost product while meeting all state and federal regulatory requirements and the goal of conserving resources.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY16-17 or FY 17-18.

OPERATING EXPENSE LINE ITEM EXPLANATIONS

- 5400 Labor – Primarily labor hours worked at the Composting Facility by Composting Facility personnel to operate and provide preventive maintenance.
- 5405 Utilities – These sub-accounts provide funds for electric and natural gas, telephone and water.
- 5410 Supplies/Material – Funds for miscellaneous chemicals and supplies required to operate the Composting Facility. Significant increase in citric acid cost as well as additional dewatering due to an increase in solids.
- 5410.7 Polymer used in the dewatering process.
- 5410.8 Amendment – Amendment usage increased due to extended dewatering and centrifuge run time. Amendment cost based on purchase of materials from new vendor.
- 5415 Outside Services – FY16-17 expenses include boiler water treatment services (\$2K).
- 5417 Odor Control –Bio filter media changes out annually.
- 5420 Permits/Fees – SCAQMD permit fees for general plant operation and LA County Department of Public Health solid waste fees.
- 5430 Capital Outlay – Purchase of small tools, instruments and sump pumps.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

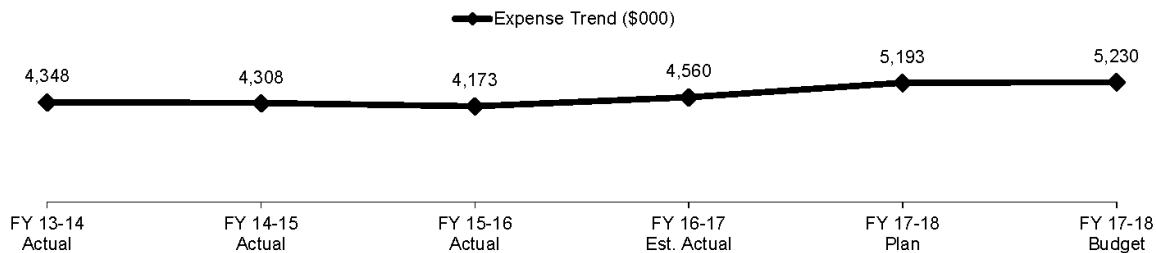
- 5500 Labor – Primarily labor hours worked by Maintenance Section personnel to provide maintenance services. Includes hours for RCPO staff to manage landscape contract.
- 5510 Supplies/Materials – Items required for staff to maintain plant facilities and equipment. FY16-17 budget includes funding to maintain facilities at current levels.
- 5515 Outside Services – Funds to hire any maintenance providers to assist in maintaining plant facilities including annual gas monitoring and facility maintenance. FY17 estimate includes newly required weed abatement services (\$100K).
- 5518 Bldg. Maintenance – Costs related to maintaining the basic buildings and site and which are not process related.
- 5530 FY 16-17 request includes wiring replacement (\$18K); and switchgear preventative maintenance (\$36K). FY17-18 proposed expenditures include reactor room replacement (\$9.9K), Rancho office room floor (\$5.9K), dewatering building floor (\$6.6K), maintenance shop floor replacement (\$6.6K), and rain gutter replacement (\$132K).

SPECIALTY EXPENSE LINE ITEM EXPLANATIONS

- 5700 SCADA Services – Labor and materials costs for services provided by Information Systems to maintain the DCS system.
- 5710.2 Technical Services – The costs for any labor hours by Technical Services personnel.
- 5712 Sales/Use Tax Expense – Required tax remittance on imputed value of RLV Community Compost supplied.
- 5715.2 Other Laboratory Services – Reflects outside laboratory testing associated with marketing compost.
- 5715.3 Tapia Lab Sampling – Tapia laboratory staff costs for obtaining samples from the composting process are direct charged to this account.
- 7202 Allocated Lab Expense – Tapia laboratory costs for testing samples. Costs are based on total number of in-house tests performed for composting divided by total number of tests performed in-house.

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

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$689,383	\$681,234	\$734,588	\$746,202	\$760,546	\$773,542	\$773,542
5405.1 Electricity	366,846	403,373	316,670	367,000	201,728	372,505	372,505
5405.2 Telephone	7,627	6,406	10,309	7,472	7,300	7,584	7,584
5405.3 Natural Gas	914	13,163	8,139	6,300	10,207	6,395	6,395
5405.4 Water	5,746	7,076	3,229	5,100	2,541	5,177	5,177
5410 Supplies/Material	41,787	24,501	26,985	25,500	21,546	25,800	25,800
5410.1 Fuel	6,447	5,012	1,761	4,826	2,000	4,898	4,898
5410.7 Polymer	167,894	114,821	81,706	117,485	115,000	119,247	119,247
5410.8 Amendment	242,394	181,136	200,344	193,000	185,500	195,000	195,000
5415 Outside Services	4,636	5,115	1,766	5,000	39,000	5,100	5,100
5417 Odor Control	53,063	94,864	47,055	100,000	97,701	100,000	100,000
5420 Permits and Fee	9,073	12,041	13,528	10,294	24,000	10,448	10,448
5425 Consulting Services	0	0	0	0	0	0	0
5430 Capital Outlay	0	0	0	0	0	0	2,000
Sub-total	\$1,595,810	\$1,548,742	\$1,446,080	\$1,588,179	\$1,467,069	\$1,625,696	\$1,627,696
MAINTENANCE DIVISION EXPENSE							
5500 Labor	503,417	498,274	461,803	596,057	498,024	610,791	610,791
5510 Supplies/Material	205,926	234,931	222,924	211,000	171,075	214,165	214,165
5515 Outside Services	52,338	104,651	122,568	200,300	137,000	101,804	101,804
5518 Building Maintenance	62,396	54,662	59,686	56,000	44,598	56,840	56,840
5525 Consulting Services	0	4,002	0	0	0	0	0
5530 Capital Outlay	26,641	23,670	12,134	54,000	51,500	161,040	179,040
Sub-total	\$850,718	\$920,190	\$879,115	\$1,117,357	\$902,197	\$1,144,640	\$1,162,640
SPECIALTY EXPENSES							
5700 SCADA Services	17,438	9,644	12,249	53,914	12,484	46,704	46,704
5710.2 Technical Services	0	168	0	0	0	0	0
5712 Compost Sales/Use Tax	7,852	4,549	3,721	4,000	4,000	4,000	4,000
5715.2 Other Lab Services	6,594	8,119	10,024	8,992	3,785	9,127	9,127
5715.3 Tapia Lab Sampling	146	706	846	213	349	221	221
7202 Allocated Lab Expense	10,655	10,500	10,007	11,860	12,019	12,280	12,280
Sub-total	\$42,685	\$33,686	\$36,847	\$78,979	\$32,637	\$72,332	\$72,332
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	1,237,937	1,230,826	1,277,948	1,624,991	1,488,051	1,674,972	1,691,661
7226 Allocated Operations Services	620,570	574,623	533,243	657,520	670,428	675,492	675,578
Sub-total	\$1,858,507	\$1,805,449	\$1,811,191	\$2,282,511	\$2,158,479	\$2,350,464	\$2,367,239
TOTAL EXPENSES	\$4,347,720	\$4,308,067	\$4,173,233	\$5,067,026	\$4,560,382	\$5,193,132	\$5,229,907



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JOINT POWERS AUTHORITY

Centrate Treatment – 751830

FUNCTION

To operate the centrate treatment facilities to allow Tapia WRF to meet its effluent nutrient requirements in the NPDES permit. The farm remains available for biosolids injection in emergency conditions.

SIGNIFICANT CHANGES

No significant changes are anticipated for FY16-17 or FY 17-18.

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.
- 5417 Odor Control – No funds required in FY16-17
- 5420 Permits and Fees – RWQCB permit fees for biosolids injection and SCAQMD permits for the generator, carbon scrubber, and biofilter. FY16-17 budget proposal includes SWRQCB fees of approximately \$69K.

MAINTENANCE EXPENSE LINE ITEM EXPLANATIONS

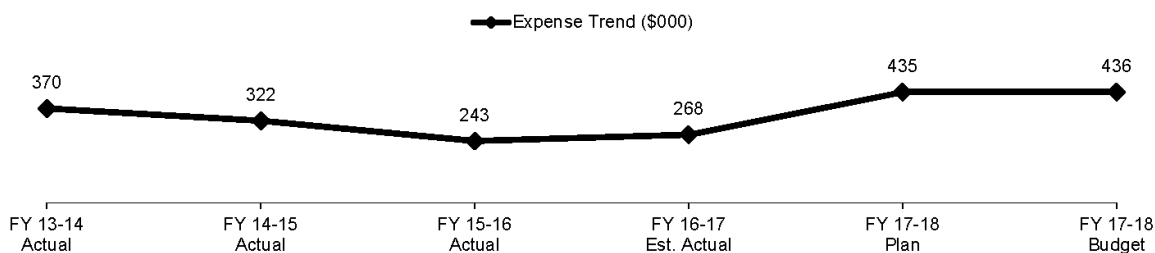
- 5500 Labor – Primarily labor hours worked by Maintenance Section personnel to provide maintenance services.
- 5515 Outside Services – Funds to hire any maintenance providers required to assist in building maintenance such as janitor, alarms, trash collection, etc. Increased funding due to maintenance of equipment associated with centrate treatment. Other services include compressor maintenance, refuse disposal, pest control and security services.
- 5530 Capital requests for FY17-18 Centrate pump station 24" plug valve (\$39.6K).

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
Treatment/Centrate Treatment - 751830**

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$25,275	\$8,986	\$6,452	\$24,005	\$1,012	\$25,005	\$25,005
5405.1 Electricity	75,411	79,032	70,884	79,650	51,006	80,845	80,845
5405.2 Telephone	0	0	0	0	0	0	0
5405.4 Water	727	813	913	780	1,126	792	792
5410 Supplies/Material	0	0	665	0	0	0	0
5410.1 Fuel	4,936	2,805	2,096	3,778	895	3,835	3,835
5415 Outside Services	0	0	0	0	0	0	0
5417 Odor Control	263	0	0	0	0	0	0
5420 Permits and Fee	66,168	69,264	69,264	72,250	69,327	73,334	73,334
5425 Consulting Services	2,516	0	0	0	0	0	0
Sub-total	\$175,296	\$160,900	\$150,274	\$180,463	\$123,366	\$183,811	\$183,811
MAINTENANCE DIVISION EXPENSE							
5500 Labor	33,241	25,284	5,935	34,412	22,881	35,236	35,236
5510 Supplies/Material	18,784	10,955	6,344	10,500	6,939	10,658	10,658
5515 Outside Services	6,047	22,357	16,201	17,500	25,000	17,763	17,763
5530 Capital Outlay	0	0	0	0	0	39,600	39,600
Sub-total	\$58,072	\$58,596	\$28,480	\$62,412	\$54,820	\$103,257	\$103,257
SPECIALTY EXPENSES							
5715.2 Other Lab Services	5,384	3,329	3,802	6,300	3,500	6,395	6,395
5715.3 Tapia Lab Sampling	9,100	11,684	8,818	8,802	10,648	9,135	9,135
7202 Allocated Lab Expense	21,309	21,000	20,014	23,720	24,038	24,560	24,560
Sub-total	\$35,793	\$36,013	\$32,634	\$38,822	\$38,186	\$40,090	\$40,090
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	67,486	45,450	22,151	74,655	35,294	76,953	77,719
7226 Allocated Operations Services	33,830	21,217	9,241	30,205	15,901	31,033	31,037
Sub-total	\$101,316	\$66,667	\$31,392	\$104,860	\$51,195	\$107,986	\$108,756
TOTAL EXPENSES	\$370,477	\$322,176	\$242,780	\$386,557	\$267,567	\$435,144	\$435,914



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JOINT POWERS AUTHORITY

Administration – 751840

FUNCTION

To fund general and administrative expenses specific to Joint Powers Authority operations.

SIGNIFICANT CHANGES

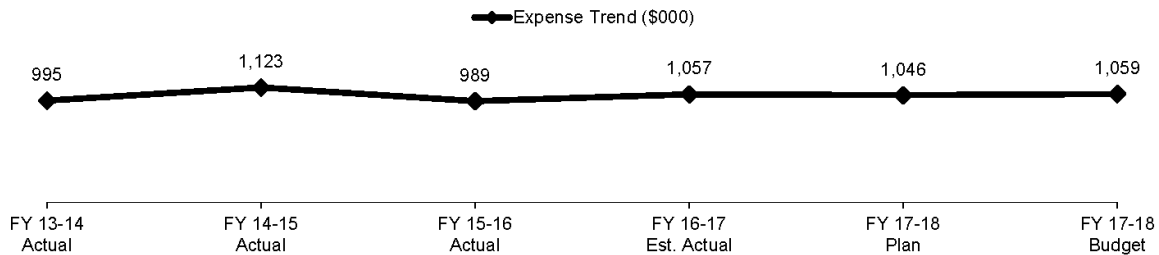
No significant changes are anticipated for FY16-17 or FY 17-18.

LINE ITEM EXPLANATIONS

- 5400 Labor – The costs for any labor hours worked on administrative function.
- 6602 School Education Program – Wastewater education initiatives, programs and tours (\$5,000). Also includes programs designed to accommodate home-school students.
- 6604 Public Education Program – Quarterly tours of Rancho/Tapia (\$4,000); Malibu Creek Watershed and regulatory issue outreach (\$3,500); JPA activities and display advertising related to watershed, compost promotion, pharmaceutical disposal education, etc. (\$10,000).
- 6606 Community Group Outreach – JPA related publications and community group outreach related to watershed stewardship and NPDES permit (\$6,000), and speaker's bureau expenses (\$1,000).
- 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.
- 6785 Watershed Programs – Watershed Management: Staff participation and technical assistance managing water resources (primarily surface water quality) in the Malibu Creek and upper Los Angeles River watersheds. Also includes funding for Collaborative Research projects related to the Malibu Creek TMDL issue.
- 6872 Litigation – Outside Services – All litigation, settlements, attorney fees, court costs and legal costs for general litigation that are solely for the Joint Powers Authority. FY 12-13 and FY 13-14 costs are to cover legal services related to the Malibu Creek TMDL issue.
- 6874 Litigation – District Costs – Costs for employee depositions, trial appearance, etc. for Joint Powers Authority lawsuit cases.
- 6516 Other Professional Services – Federal and State Regulatory Advocacy for securing funding and providing input on regulatory issues. Regulatory and permitting assistance from outside sources for the National Pollution Discharge Elimination System (NPDES) renewal for Tapia (\$50K).
- 6517 Audit Fees – Joint Powers Authority's share of costs related to financial statement audit.
- 7110 Travel/Misc. Staff Expense – Travel and other expenses directly incurred in support of JPA issues.
- 7135 General Insurance – Property insurance costs.
- 6260 Rental Charge – Facilities Replacement – Internal charge to set aside funds for future facilities replacement.

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

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$8,036	\$2,049	\$0	\$7,168	\$0	\$7,111	\$7,111
5430 Capital Outlay	0	0	0	0	0	0	0
Sub-total	\$8,036	\$2,049	\$0	\$7,168	\$0	\$7,111	\$7,111
MAINTENANCE DIVISION EXPENSE							
5525 Consulting Services	0	0	0	0	0	0	0
5530 Capital Outlay	0	0	0	0	0	0	0
Sub-total	\$0	\$0	\$0	\$0	\$0	\$0	\$0
INVENTORY EXPENSES							
5536 Inventory Adjustment	50	12,800	3,102	4,400	4,000	4,840	4,840
Sub-total	\$50	\$12,800	\$3,102	\$4,400	\$4,000	\$4,840	\$4,840
PUBLIC INFORMATION							
6602 School Education Program	5,156	10,509	9,290	9,915	13,017	11,975	11,975
6604 Public Education Program	66,785	39,331	57,663	67,634	66,155	71,835	71,835
6606 Community Group Outreach	373	1,184	220	5,015	455	6,525	6,525
6608 Intergovernmental Coordination	1,872	1,842	6,008	10,342	6,448	10,618	10,618
Sub-total	\$74,186	\$52,866	\$73,181	\$92,906	\$86,075	\$100,953	\$100,953
RESOURCE CONSERVATION							
6785 Watershed Programs	23,796	27,504	4,370	88,389	1,000	89,474	89,474
Sub-total	\$23,796	\$27,504	\$4,370	\$88,389	\$1,000	\$89,474	\$89,474
SPECIALTY EXPENSES							
5715.3 Tapia Lab Sampling	0	0	0	0	0	0	0
5725 Gen Supplies/Small Tools	0	0	0	0	0	0	0
Sub-total	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADMINISTRATIVE EXPENSES							
6872 Litigation/Outside Services	88,533	219,268	106,211	50,000	150,000	50,000	50,000
6874 Litigation/District Costs	0	0	0	0	5,000	0	0
6516 Other Professional Services	92,259	20,186	149,719	6,540	100,000	50,000	50,000
6517 Audit Fees	5,300	2,500	3,296	2,650	2,575	2,730	2,730
7110 Travel/Misc Staff Expense	13	54	138	0	26	0	0
7135.1 Property Insurance	55,127	55,181	55,132	56,801	55,132	59,073	59,073
7135.4 Earthquake Insurance	92,800	89,726	88,786	91,475	88,786	95,134	95,134
7145 Claims Paid	0	147,000	18,000	0	72,000	0	0
7153 TSD Staff Services	500	4,036	1,804	5,000	5,000	5,000	5,000
5525 Consulting Services	389,038	344,732	336,150	336,456	336,150	377,798	377,798
7203 Allocated Building Maint	80,473	88,082	95,945	95,565	82,757	85,410	97,010
7225 Allocated Support Services	56,762	38,976	37,553	82,309	47,113	84,585	85,428
7226 Allocated Operations Services	28,456	18,196	15,671	33,307	21,228	34,115	34,119
Sub-total	\$889,261	\$1,027,937	\$908,405	\$760,103	\$965,767	\$843,845	\$856,292
TOTAL EXPENSES	\$995,329	\$1,123,156	\$989,058	\$952,966	\$1,056,842	\$1,046,223	\$1,058,670



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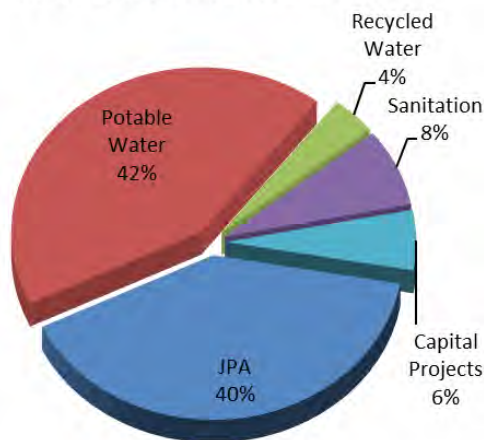
INTERNAL SERVICES

The Internal Service fund is used to account for all costs related to the General Administration of the District. In addition, all personnel related costs, including salaries, benefits, training, etcetera, are administered through the Internal Service fund. Personnel working in the various enterprises account for their workload distribution through the timekeeping system. Labor costs are charged to each enterprise as determined and credits are posted to the Internal Service fund. All net accumulated costs are allocated to the various enterprise and capital project funds as described below.

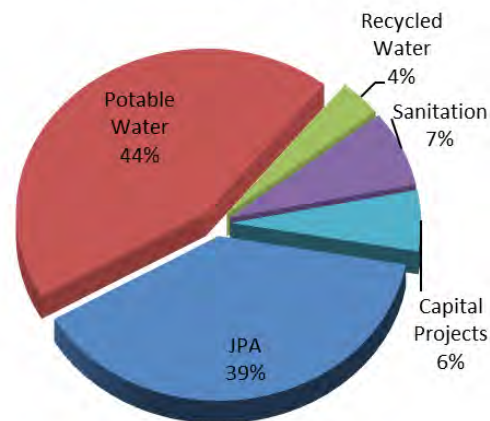
The Joint Powers Authority (JPA) agreement between Las Virgenes Municipal Water District (LV) and Triunfo Sanitation District (TSD) calls for allocation of General and Administrative costs based on the actual cost of labor. General and administrative costs are defined as accounting, personnel and general management expenses. As such, Internal Service costs which are not related to the function of the JPA are excluded from the allocation process. These excluded costs include all costs for the LV Board of Directors, some of the General Manager's office costs, administration and operation of Customer Service activities, including a portion of Information Services costs, water meter maintenance, water conservation activities and new customer planning and coordination.

All remaining costs are allocated between LV enterprises (potable water, recycled water, and non-JPA sanitation), Capital Improvement Projects, and the JPA operations. The allocation is based on the labor charged through the timekeeping system to each of these operations or projects. The allocation of costs is performed monthly with a final reconciliation at year-end. Each agency's share of the allocated costs for JPA operations is billed monthly as provided in the JPA agreement.

FY 2016-17 Estimated Actual



FY 2017-18 Budget



The allocated costs are shown in the budget reports as Allocated Support Services and Allocated Operations Services. Allocated Support Services are costs which originate from cost centers that provide general central service. These cost centers include general management, departmental administration, accounting, payroll, human resources, information systems, and public information administration. Allocated Operations Services are costs which originate in operations related cost centers. These cost centers include water administration, water treatment, facilities maintenance, electrical maintenance, construction services, laboratory services, wastewater treatment, composting, and technical services.

DISTRICT STAFFING PLAN

FY 2016-17 - FY 2017-18

Business Unit	DIVISION Dept/Section	2012-13 Auth Positions	2013-14 Auth Positions	2014-15 Auth Positions	2015-16 Auth Positions	2016-17 Auth Positions	Filled as 4/15/2017	2017-18 Proposed Positions
	BOARD & GENERAL MANAGER							
701121	Administration	2.0	2.0	2.0	2.0	2.0	2.0	2.0
TOTAL GENERAL MANAGER		2.0	2.0	2.0	2.0	2.0	2.0	2.0

Business Unit	DIVISION Dept/Section	2012-13 Auth Positions	2013-14 Auth Positions	2014-15 Auth Positions	2015-16 Auth Positions	2016-17 Proposed Positions	Filled as 4/15/2017	2017-18 Proposed Positions
	RESOURCE CONSERVATION & PUBLIC OUTREACH							
701210	Administration	2.0	2.0	2.0	2.0	2.0	2.0	2.0
701220	Customer Service-Administration	1.0	1.0	1.0	1.0	1.0	1.0	1.0
701221	Customer Service Operations	15.0	15.0	15.0	15.0	16.0	15.0	16.0
701226	Customer Service Programs	3.0	3.0	3.0	3.0	3.0	3.0	3.0
701223	Resource/Watershed Conservation	3.0	3.0	3.0	4.0	3.0	3.0	3.0
701230	Public Information	3.0	3.0	3.0	3.0	3.0	3.0	3.0
TOTAL RESOURCE CONSERVATION & PUBLIC OUTREACH		27.0	27.0	27.0	28.0	28.0	27.0	28.0

Business Unit	DIVISION Dept/Section	2012-13 Auth Positions	2013-14 Auth Positions	2014-15 Auth Positions	2015-16 Auth Positions	2016-17 Proposed Positions	Filled as 4/15/2017	2017-18 Proposed Positions
	FACILITIES & OPERATIONS							
701310	Administration	2.0	2.0	2.0	2.0	2.0	2.0	2.0
701320	Facilities Maintenance-Admin	1.2	1.2	1.2	0.7	0.7	0.7	0.7
701326	Electrical/Instrumentation-Maint	6.0	6.0	6.0	7.0	7.0	7.0	7.0
701321	Facilities Maintenance-Maint	8.0	8.0	8.0	8.0	8.0	7.0	8.0
701325	Facilities Maintenance-Fleet	1.0	1.0	1.0	1.0	1.0	1.0	1.0
701330	Water Division-Admin	0.8	0.8	0.8	0.3	0.3	0.3	0.3
701331	Water Treatment & Production	11.0	11.0	11.0	11.0	11.0	9.0	11.0
701322	Construction	7.0	7.0	7.0	6.0	6.0	5.0	6.0
701340	Reclamation Division-Admin	3.0	3.0	3.0	3.0	3.0	3.0	3.0
701341	Reclamation Division-Lab	6.0	6.0	6.0	6.0	6.0	5.0	6.0
701342	Reclamation Division-Treatment	9.0	9.0	9.0	8.0	8.0	8.0	8.0
701343	Reclamation Division-Composting	6.0	6.0	6.0	7.0	7.0	7.0	7.0
701350	Technical Services Division	8.0	8.0	8.0	9.0	9.0	9.0	9.0
TOTAL FACILITIES & OPERATIONS		69.0	69.0	69.0	69.0	69.0	64.0	69.0

Business Unit	DIVISION Dept/Section	2012-13 Auth Positions	2013-14 Auth Positions	2014-15 Auth Positions	2015-16 Auth Positions	2016-17 Proposed Positions	Filled as 4/15/2017	2017-18 Proposed Positions
	FINANCE & ADMINISTRATION							
701410	Administration	2.0	2.0	2.0	2.0	2.0	2.0	2.0
701420	Information Systems	6.0	6.0	6.0	6.0	6.0	5.0	6.0
701430	Human Resources/Risk Mgmt	2.0	2.0	2.0	2.0	2.0	2.0	2.0
701440	Accounting	9.0	9.0	9.0	9.0	9.0	9.0	9.0
TOTAL FINANCE & ADMINISTRATION		19.0	19.0	19.0	19.0	19.0	18.0	19.0

TOTAL AGENCY STAFF POSITIONS		117.0	117.0	117.0	118.0	118.0	111.0	118.0
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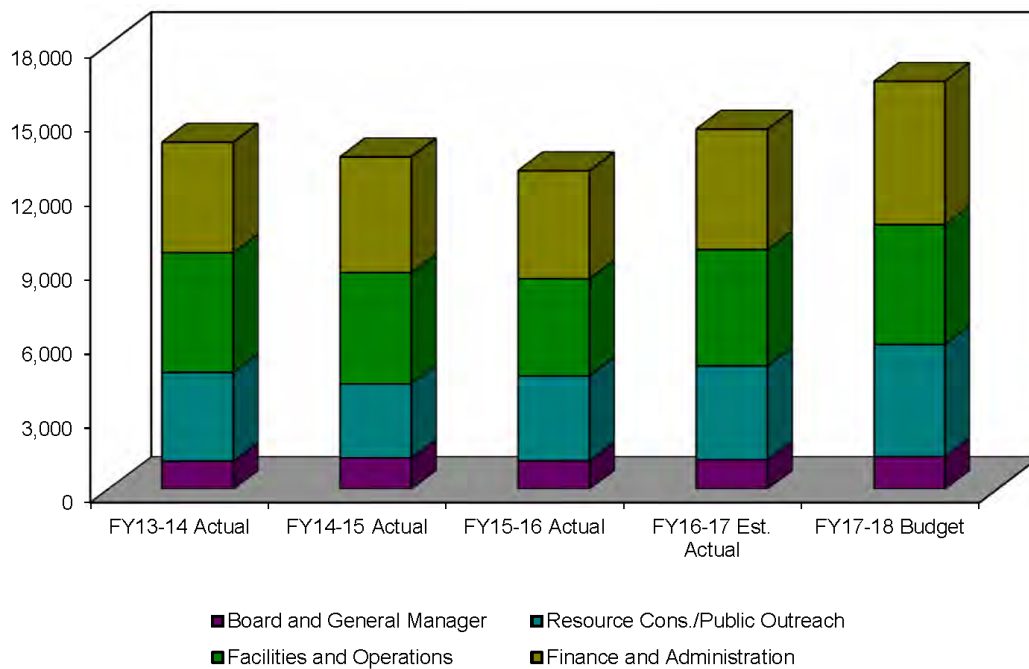
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Las Virgenes Municipal Water District
Internal Service Summary
(Dollars in Thousands)

	FY13-14 Actual	FY14-15 Actual	FY15-16 Actual	FY16-17 Est. Actual	FY17-18 Budget
Board and General Manager	1,144	1,276	1,161	1,200	1,321
Resource Cons./Public Outreach	3,626	3,031	3,469	3,835	4,577
Facilities and Operations	4,829	4,492	3,920	4,691	4,837
Finance and Administration	4,458	4,664	4,355	4,856	5,777
	14,057	13,463	12,905	14,582	16,512



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**Las Virgenes Municipal Water District
Internal Service Summary**

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
BOARD EXPENSES							
6000 Directors' Fees	\$83,893	\$82,600	\$77,600	\$90,000	\$82,800	\$90,000	\$90,000
6005 Directors' Benefits	79,809	79,741	77,699	77,075	80,579	77,075	77,075
6010 Directors' Conference Expenses	26,724	33,169	24,588	30,000	33,000	30,000	30,000
6015 Directors' Miscellaneous	563	1,355	775	2,000	300	2,000	2,000
6020 Election Expense	0	54,821	0	43,000	0	0	0
Sub-total	\$190,989	\$251,686	\$180,662	\$242,075	\$196,679	\$199,075	\$199,075
PAYROLL EXPENSES							
6100 Staff Salaries	9,736,971	9,859,752	10,175,631	11,092,348	10,657,250	11,452,671	11,452,671
6102 Staff Overtime	390,665	360,053	415,244	246,755	386,384	255,118	255,118
6105 Staff Benefits	4,915,514	4,166,054	2,787,307	4,788,227	4,477,132	4,964,849	4,964,849
6110 Staff Taxes	951,996	935,629	1,012,997	1,046,150	1,096,123	1,074,662	1,074,662
Sub-total	\$15,995,146	\$15,321,488	\$14,391,179	\$17,173,480	\$16,616,889	\$17,747,300	\$17,747,300
6115 Staff Costs Recovered	(7,266,733)	(7,267,690)	(7,224,829)	(8,085,712)	(7,605,211)	(8,348,065)	(8,348,065)
Net Payroll Expenses	\$8,728,413	\$8,053,798	\$7,166,350	\$9,087,768	\$9,011,678	\$9,399,235	\$9,399,235
OFFICE EQUIPMENT & POSTAGE							
6200 Forms, Supplies & Postage	119,761	109,103	119,243	153,750	121,339	164,752	164,752
6205 Equipment Rental	8,415	7,605	6,039	7,600	7,600	7,600	7,600
6210 Equipment Repairs	608	876	1,892	3,000	2,500	3,000	3,000
6215 Equipment Maintenance	318,685	323,835	342,201	310,944	312,280	330,500	330,500
6220 Outside Services	133,821	161,088	351,169	342,600	220,980	342,600	345,100
6225 Radio Maintenance Expense	12,244	7,815	28,928	11,380	16,500	11,551	11,551
6230 Safety Equipment	20,486	34,561	18,121	20,285	19,346	20,359	20,359
6235 Records Management	54,384	37,901	51,070	50,000	45,504	50,000	50,000
6250 Equipment Interest Expense	4,423	2,962	3,847	4,500	4,500	3,500	3,500
Sub-total	\$672,827	\$685,746	\$922,510	\$904,059	\$750,549	\$933,862	\$936,362
PROFESSIONAL SERVICES							
6500 Legal Services	108,120	94,087	100,464	99,000	94,000	99,000	99,000
6505 Legal Advertising	16,355	18,062	18,581	15,000	3,800	15,000	15,000
6516 Other Professional Services	45,588	167,471	117,442	554,860	114,499	562,115	562,115
6517 Audit Fees	21,000	37,500	31,664	37,000	37,000	38,100	38,100
6522 Management Consultant Fees	5,815	134,281	53,851	25,000	60,000	52,500	127,500
Sub-total	\$196,878	\$451,401	\$322,002	\$730,860	\$309,299	\$766,715	\$841,715
RES CONSER/PUBLIC OUTREACH							
6602 School Education Program	4,816	5,416	40,276	15,540	23,707	15,765	15,765
6604 Public Education Program	142,080	148,927	226,905	200,084	219,268	200,817	200,817
6606 Community Group Outreach	3,226	7,711	6,082	13,406	4,568	14,606	14,606
6608 Intergovernmental Coordination	10,447	17,897	16,252	16,499	16,765	17,909	17,909
Sub-total	\$160,569	\$179,951	\$289,515	\$245,529	\$264,308	\$249,097	\$249,097
HUMAN RESOURCES							
6800 Safety	17,592	11,768	11,513	38,000	16,000	38,000	38,000
6810 Recruitment Expenses	17,553	12,766	15,820	10,000	10,000	10,000	10,000
6812 Retired Employee Benefits	862,983	868,442	827,847	985,283	952,638	1,073,468	1,073,468
6815 Employee Recognition Function	7,330	16,021	8,652	15,000	13,500	15,000	15,000
6820 Employee Assistance Program	0	0	0	1,000	0	1,000	1,000
6825 Employee Wellness Program	977	5,470	7,470	10,000	10,000	10,000	10,000
6830 Training & Prof. Development	88,091	105,773	78,959	166,584	117,157	156,541	161,541
6840 DOT Testing	825	1,000	999	1,000	1,000	1,000	1,000
6850 Unemployment Ins. Benefit	0	1,155	1,575	5,000	0	5,000	5,000
6855 Donated Sick Leave	(1,352)	1,050	0	0	0	0	0
6872 Litigation - Outside Services	131,237	32,073	38,109	50,000	11,650	50,000	50,000
Sub-total	\$1,125,236	\$1,055,518	\$990,944	\$1,281,867	\$1,131,945	\$1,360,009	\$1,365,009

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**Las Virgenes Municipal Water District
Internal Service Summary**

	FY 13-14 Actual	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Budget	FY 16-17 Est. Actual	FY 17-18 Plan	FY 17-18 Budget
OTHER G&A EXPENSES							
7100 Provision for Uncollectible Accts	47,011	41,161	15,506	50,000	50,000	50,000	50,000
7105 Dues/Subscriptions/Memberships	119,112	118,073	119,490	111,380	102,140	111,325	111,325
7110 Travel/Misc. Expenses	3,017	1,707	3,882	7,370	2,302	7,387	7,387
7135.1 Property Insurance	32,435	32,707	32,678	33,668	33,759	35,014	35,014
7135.2 Liability Insurance	181,792	163,484	167,021	163,919	182,628	170,476	170,476
7135.3 Automobile Insurance	38,176	54,572	64,884	69,951	67,336	72,750	72,750
7135.4 Earthquake Insurance	55,005	53,183	52,626	54,220	54,215	56,389	56,389
7135.5 Excess Liability Insurance	206,111	201,897	198,720	203,770	194,333	211,921	211,921
7145 Claims Paid	3,500	718	0	0	0	0	0
7152 LAFCO Charges	13,405	18,501	24,631	21,000	21,410	21,000	21,000
Sub-total	\$699,565	\$686,005	\$679,441	\$715,278	\$708,123	\$736,262	\$736,262
OPERATING EXPENSE							
5400 Labor	331,609	282,308	406,544	358,275	429,601	371,647	371,647
5405.1 Utilities - Energy	133,464	141,743	117,059	131,600	115,300	133,575	133,575
5405.2 Utilities - Telephone	176,756	233,023	247,839	241,520	247,825	243,676	244,472
5405.3 Utilities - Gas	24,975	22,047	17,792	21,915	13,102	22,244	22,244
5405.4 Utilities - Water	15,953	14,963	15,535	15,096	16,455	15,323	15,323
5415 Outside Services	0	78,834	171,825	200,000	185,306	200,000	200,000
5430 Capital Outlay	44,186	95,079	89,470	101,000	101,000	75,500	75,500
Sub-total	\$726,943	\$867,997	\$1,066,064	\$1,069,406	\$1,108,589	\$1,061,965	\$1,062,761
MAINTENANCE EXPENSE							
5500 Labor	372,074	370,366	328,208	440,177	359,847	454,830	454,830
5510 Supplies/Materials	419,592	201,946	316,641	472,677	201,473	474,490	474,490
5510.1 Fuel	161,331	112,807	72,662	116,900	64,197	118,654	118,654
5515 Outside Services	395,709	315,657	331,713	368,949	257,088	373,733	373,733
5520 Permits/Fee	6,086	9,698	11,891	14,229	14,490	14,440	14,440
5530 Capital Outlay	3,747	7,871	9,135	23,200	0	0	23,200
6255 Rental Charge - Vehicles	141,976	153,536	158,463	178,822	171,491	206,113	206,113
Sub-total	\$1,500,515	\$1,171,881	\$1,228,713	\$1,614,954	\$1,068,586	\$1,642,260	\$1,665,460
INVENTORY EXPENSE							
5536 Inventory Adjustment	12,196	24,861	7,148	11,550	10,500	12,705	12,705
Sub-total	\$12,196	\$24,861	\$7,148	\$11,550	\$10,500	\$12,705	\$12,705
GEN'L SPECIALTY EXPENSE							
5725 Supplies and Small Tools	42,037	31,676	52,777	49,048	21,164	44,462	44,462
Sub-total	\$42,037	\$31,676	\$52,777	\$49,048	\$21,164	\$44,462	\$44,462
TOTAL EXPENSES	\$14,056,167	\$13,460,518	\$12,906,123	\$15,952,394	\$14,581,420	\$16,405,647	\$16,512,143
ALLOCATED EXPENSES							
ALLOCATED TECHNICAL SERVICES	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ALLOCATED CUSTOMER INFO SYSTEMS	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ALLOCATED LABORATORY EXPENSES	(\$532,731)	(\$524,989)	(\$500,353)	(\$592,991)	(\$600,962)	(\$614,009)	(\$614,009)
ALLOCATED VEHICLE EXPENSES	\$1	\$4	(\$2)	\$0	\$0	\$0	\$0
ALLOCATED LEGAL EXPENSES	(\$131,228)	(\$32,073)	(\$38,109)	(\$50,000)	(\$11,650)	(\$50,000)	(\$50,000)
ALLOCATED OPS BLDG EXPENSES	(\$160,947)	(\$176,164)	(\$191,890)	(\$191,131)	(\$165,515)	(\$170,821)	(\$194,021)
ALLOCATED INTERNAL G&A	\$91	(\$30)	\$2	\$1	\$1	\$1	\$1
ALLOCATED SUPPORT SERVICES(G&A)	(\$5,608,593)	(\$5,763,615)	(\$5,085,225)	(\$6,652,729)	(\$6,031,221)	(\$6,813,547)	(\$6,871,580)
ALLOCATED OPERATIONS SERVICES(G&A)	(\$7,622,760)	(\$6,963,651)	(\$7,090,546)	(\$8,465,544)	(\$7,772,073)	(\$8,757,271)	(\$8,782,534)
TOTAL ALLOCATED EXPENSES	(\$14,056,167)	(\$13,460,518)	(\$12,906,123)	(\$15,952,394)	(\$14,581,420)	(\$16,405,647)	(\$16,512,143)

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**Las Virgenes Municipal Water District
Summary of Allocated Internal Service Costs
FY 2016-17 Estimated Actual**

Central Service Provider	Total Costs	Direct Allocations	Allocated G&A Costs	Cost Recipient				
				JPA	Total LVMWD Operations	Capital Projects	Internal G&A Allocated/ (Received)	Total Allocations
General Manager	722,417	4,676	727,093	394,273	178,950	9,347	144,523	727,093
General Manager-100% LVMWD	237,926	(11,650)	226,276	-	230,301	-	(4,025)	226,276
Board of Directors	239,666	-	239,666	-	246,488	-	(6,822)	239,666
Board of Directors & GM	1,200,009	(6,974)	1,193,035	394,273	655,739	9,347	133,676	1,193,035
RCPO Administration	398,246	-	398,246	215,950	31,565	-	150,731	398,246
Customer Service Admin	211,908	-	211,908	-	-	-	211,908	211,908
Customer Service Operations	1,240,031	473,566	1,713,597	-	2,045,184	12,729	(344,316)	1,713,597
Meter Service	889,014	-	889,014	-	1,033,362	-	(144,348)	889,014
Customer Service Programs	256,331	9,255	265,586	-	376,955	-	(111,369)	265,586
Resource/Watershed Conservation	417,061	4,676	421,737	-	480,277	53,364	(111,904)	421,737
Public Information	423,333	-	423,333	229,554	63,613	14,073	116,093	423,333
RCPO	3,835,924	487,497	4,323,421	445,504	4,030,956	80,166	(233,205)	4,323,421
Facilities & Operations Admin	502,181	4,676	506,857	274,844	285,229	63,159	(116,375)	506,857
Facilities Maint/Const Admin	165,660	3,264	168,924	91,599	96,591	21,389	(40,655)	168,924
Electrical	212,284	27,814	240,098	130,196	148,316	4,418	(42,832)	240,098
Maintenance	161,922	92,795	254,717	138,121	106,115	256	10,225	254,717
Building 8 Maintenance	377,880	-	377,880	204,908	-	-	172,972	377,880
Building 7 Maintenance	165,515	(165,515)	-	1	66,369	-	(66,370)	-
Construction	181,297	120,610	301,907	163,711	177,453	-	(39,257)	301,907
Fleet Maintenance	487,113	(487,113)	-	-	-	-	-	-
Water Administration	70,404	1,364	71,768	38,917	52,715	-	(19,864)	71,768
Water Treatment & Production	256,850	78,864	335,714	182,041	228,229	351	(74,907)	335,714
Reclamation Administration	454,182	9,255	463,437	251,302	-	-	212,135	463,437
Laboratory	591,707	(591,707)	-	-	404,510	-	(404,510)	-
Wastewater Treatment Facility	144,287	18,510	162,797	88,277	125,373	-	(50,853)	162,797
Composting Facility	129,538	23,187	152,725	82,815	155,490	-	(85,580)	152,725
Planning & Technical Services	790,353	(84,863)	705,490	382,557	82,229	555,532	(314,828)	705,490
Facilities & Operations	4,691,173	(948,859)	3,742,314	2,029,289	1,928,619	645,105	(860,699)	3,742,314
Finance & Administration Admin	1,108,202	-	1,108,202	600,929	234,071	-	273,202	1,108,202
Information Systems	1,356,042	(309,791)	1,046,251	587,601	154,072	34,085	270,493	1,046,251
Human Resources	1,269,052	-	1,269,052	688,151	152,739	33,790	394,372	1,269,052
Finance & Accounting	1,121,018	-	1,121,018	607,878	430,591	60,389	22,160	1,121,018
Finance & Administration	4,854,314	(309,791)	4,544,523	2,484,559	971,473	128,264	960,227	4,544,523
Total Allocated G&A Costs	14,581,420	(778,127)	13,803,293	5,353,625	7,586,787	862,882	(1)	13,803,293
Direct Allocations								
Allocated Laboratory Expenses				402,645	198,317	-	-	600,962
Allocated Ops Bldg Expenses				82,757	82,758	-	-	165,515
Allocated Legal Expenses				-	11,650	-	-	11,650
Total Direct Allocations				485,402	292,725	-	-	778,127
Total all Allocated Costs				5,839,027	7,879,512	862,882	(1)	14,581,420

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**Las Virgenes Municipal Water District
Summary of Allocated Internal Service Costs
FY 2017-18 Budget**

				Cost Recipient				
	Total Costs	Direct Allocations	Allocated G&A Costs	JPA	Total LVMWD Operations	Capital Projects	Internal G&A Allocated/ (Received)	Total Allocations
Central Service Provider								
General Manager	765,268	6,377	771,645	414,374	199,248	10,503	147,520	771,645
General Manager-100% LVMWD	309,388	(50,000)	259,388	-	264,013	-	(4,625)	259,388
Board of Directors	245,630	-	245,630	-	253,317	-	(7,687)	245,630
Board of Directors & GM	1,320,286	(43,623)	1,276,663	414,374	716,578	10,503	135,208	1,276,663
RCPO Administration	407,888	-	407,888	219,037	34,542	-	154,309	407,888
Customer Service Admin	323,014	-	323,014	-	-	-	323,014	323,014
Customer Service Operations	1,545,408	475,094	2,020,502	-	2,497,055	17,035	(493,588)	2,020,502
Meter Service	1,196,213	-	1,196,213	-	1,374,442	-	(178,229)	1,196,213
Customer Service Programs	222,004	12,621	234,625	-	380,946	-	(146,321)	234,625
Resource/Watershed Conservation	375,180	6,377	381,557	-	465,383	54,751	(138,577)	381,557
Public Information	507,892	-	507,892	272,741	76,335	17,067	141,749	507,892
RCPO	4,577,599	494,092	5,071,691	491,778	4,828,703	88,853	(337,643)	5,071,691
Facilities & Operations Admin	505,928	6,377	512,305	275,109	310,720	69,539	(143,063)	512,305
Facilities Maint/Const Admin	168,520	4,450	172,970	92,886	106,316	23,794	(50,026)	172,970
Electrical	192,366	37,929	230,295	123,670	162,093	4,685	(60,153)	230,295
Maintenance	160,032	126,539	286,571	153,890	119,766	288	12,627	286,571
Building 8 Maintenance	445,676	-	445,676	239,331	-	-	206,345	445,676
Building 7 Maintenance	194,021	(194,021)	-	1	75,985	-	(75,986)	-
Construction	76,469	164,467	240,936	129,384	160,046	-	(48,494)	240,936
Fleet Maintenance	664,249	(664,249)	-	-	-	-	-	-
Water Administration	72,257	1,860	74,117	39,801	58,484	-	(24,168)	74,117
Water Treatment & Production	228,697	107,542	336,239	180,561	246,112	378	(90,812)	336,239
Reclamation Administration	506,402	12,621	519,023	278,718	-	-	240,305	519,023
Laboratory	601,388	(601,388)	-	-	479,895	-	(479,895)	-
Wastewater Treatment Facility	61,818	25,241	87,059	46,750	100,777	-	(60,468)	87,059
Composting Facility	121,311	31,618	152,929	82,123	171,278	-	(100,472)	152,929
Planning & Technical Services	838,535	(74,079)	764,456	410,516	93,913	634,477	(374,450)	764,456
Facilities & Operations	4,837,669	(1,015,093)	3,822,576	2,052,740	2,085,385	733,161	(1,048,710)	3,822,576
Finance & Administration Admin	1,129,881	-	1,129,881	606,750	243,342	-	279,789	1,129,881
Information Systems	1,846,879	(293,406)	1,553,473	834,224	207,470	46,388	465,391	1,553,473
Human Resources	1,494,319	-	1,494,319	802,455	178,784	39,974	473,106	1,494,319
Finance & Accounting	1,305,510	-	1,305,510	701,069	500,706	70,877	32,858	1,305,510
Finance & Administration	5,776,589	(293,406)	5,483,183	2,944,498	1,130,302	157,239	1,251,144	5,483,183
Total Allocated G&A Costs	16,512,143	(858,030)	15,654,113	5,903,390	8,760,968	989,756	(1)	15,654,113
Direct Allocations								
Allocated Laboratory Expenses				411,386	202,623	-	-	614,009
Allocated Ops Bldg Expenses				97,010	97,011	-	-	194,021
Allocated Legal Expenses				-	50,000	-	-	50,000
Total Direct Allocations				508,396	349,634	-	-	858,030
Total all Allocated Costs				6,411,786	9,110,602	989,756	(1)	16,512,143

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CAPITAL IMPROVEMENT PROJECTS

Each year the District prepares a Five-Year Infrastructure Investment Plan (IIP) as a planning document used to identify the future facility improvements or replacement projects required by the District to maintain and improve the level of service to customers, or to achieve regulatory compliance. Annual funding approval is requested based on funding availability, priority of need and overall justification. Many projects span multiple fiscal years from design through construction and to the acceptance and ultimate use of the facility. The District appropriates funds as needed on an annual basis as detailed in the IIP. If unforeseen delays in work result in an appropriation remaining unspent on a continuing project at the end of the fiscal year, that unspent appropriation will continue to be available for that project until the project is completed or cancelled as specified in the IIP. The projected annual expenditures shown in the following pages represent the total working capital requirements needed to complete the projects as scheduled. The FY17-18 appropriations amounts represent additional funds needed in each of the upcoming fiscal years.

Each project is assigned a priority in order to develop a vocabulary of time and need sensitivity of projects relative to each other. The higher priority projects reflect projects that typically are driven by external needs, events, or regulation, rather than district needs. It is not the intent to fund only Priority 1 or Priority 2 projects and defer the Priority 3 projects. Rather the intent is to achieve a blend of projects in all Priorities consistent with fund availability.

Priority 1 – Essential Projects

- Required by law, regulation or court mandate to be accomplished immediately.
- Disaster recovery work needed to restore service.
- Emergency repairs to maintain/restore service reliability, or to resolve or correct a hazardous situation.

Priority 2 – Necessary Projects

- High need for scheduled repair, replacement or upgrade to maintain or improve service reliability.
- Safety improvement to protect life or property.
- Improvement to protect facilities, equipment and structures.
- Cost related efficiency improvements.
- Conservation of resources.
- Water quality improvement – no regulatory requirement.
- Matching funding available (like grants).
- Current demand related improvements.

Priority 3 – Desirable or Deferrable Projects

- Routine improvements or repairs to systems.
- No direct cost benefit.
- Cosmetic improvements.
- Future demand related improvements.

Projects identified in the Las Virgenes – Triunfo Joint Powers Authority Infrastructure Investment Plan have shared funding responsibility of the District and Triunfo Sanitation District consistent with the Joint Powers Authority Agreement. Allocation of costs between the two agencies for Joint Powers Authority construction or replacement costs is governed by the JPA agreement and is based on capacity rights, flow amounts and other defined criteria.

Each project is funded by one or more Capital Funds. A description of each of the LVMWD Capital Funds is:

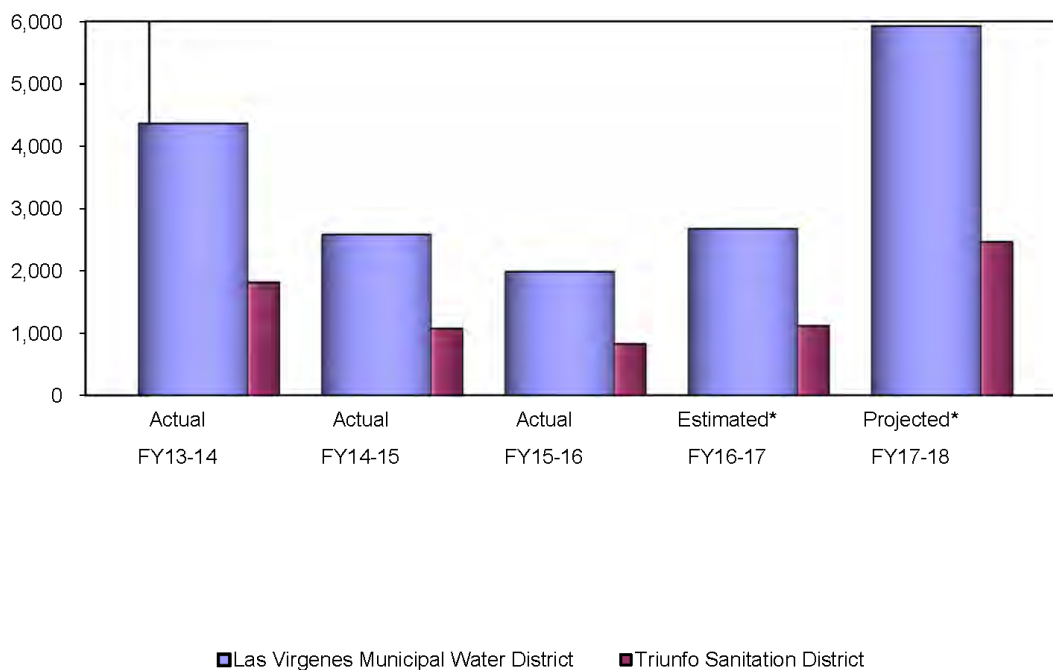
- Recycled Water Conservation Fund – Provides for construction of new facilities or services to support new users, as well as conservation programs, such as low flow toilet rebates. Source of revenue for this Fund is a component of the Water Capacity Fee for the Water Conservation Fund.
- Recycled Water Replacement Fund – Provides for the repair, upgrade, and replacement of component facilities in the existing recycled water system. Source of revenue for this Fund is Recycled Water Rates.

- Sanitation Construction Fund – Provides for construction projects related to the Sanitation System to support new demands or requirements. Source of revenue for this Fund is the Sewer Capacity Fee.
- Sanitation Replacement Fund – Provides for projects to repair, upgrade and replace component facilities in the Sanitation System. Source of revenue for this Fund is Sewer Rates.

The District has actively pursued funding for capital projects from various Federal, State and County government agencies. Currently the Los Angeles County Flood Control District has secured State of California Proposition 84 funding for the LVMWD-CMWD Interconnection project up to the amount of \$354,000. No other grant funds are currently approved for the proposed JPA capital improvements. Staff also expects to receive incentives to offset the installation costs of the Lighting Efficiency projects, as well as annual operating cost savings from completion of those projects.

**Las Virgenes - Triunfo
Joint Powers Authority
Capital Improvement Projects
Annual Expenditures
(Dollars in Thousands)**

	FY13-14 Actual	FY14-15 Actual	FY15-16 Actual	FY16-17 Estimated*	FY17-18 Projected*
Las Virgenes Municipal Water District	4,361	2,582	1,987	2,676	5,925
Triunfo Sanitation District	1,816	1,075	827	1,117	2,467
	<u>6,177</u>	<u>3,657</u>	<u>2,814</u>	<u>3,793</u>	<u>8,392</u>



*Estimated and Projected expenditures represent working capital requirements for each fiscal year.

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Las Virgenes - Triunfo Joint Powers Authority **Working Capital Requirements** **Capital Improvement Projects** **FY16-17 and FY17-18**

Job #	Title	Approved Appropriations	Prior Expenditures	Estimated Expenditures FY16-17	Projected Carryover July 1, 2017	FY17-18 Appropriation	FY17-18 Working Capital Requirement
10418	Rehabilitation of 18" RW Pipe (Tapia/Mulholland Highway)	\$443,231	\$338,631	\$68,057	\$0	\$0	\$0
10513	Tapia Sluice Gate and Drive Replacement	\$545,105	\$24,009	\$415,000	\$0	\$0	\$0
10520	SCADA System Communication Upgrades	\$93,100	\$32,447	\$0	\$0	\$0	\$0
10537	Raw Sludge Wet Well Mixing Improvements	\$148,000	\$32,659	\$204,328	(\$88,987)	\$196,614	\$107,627
10540	Lost Hill Overpass Recycled Water Main Relocation	\$852,433	\$112,606	\$2,664	\$737,163	(\$115,109)	\$622,054
10559	Manhole Rehabilitation, F2/F3 Line	\$291,500	\$2,272	\$6,635	\$0	\$0	\$0
10560	Rancho: Rehabilitate Existing Centrate Line	\$175,390	\$0	\$1,892	\$0	\$0	\$0
10564	Centrate Equalization Tank	\$1,573,008	\$186,929	\$1,284,954	\$0	\$0	\$0
10565	Rancho Las Virgenes Digester Cleaning and Repair	\$318,000	\$162,227	\$94,788	\$60,985	\$761,706	\$822,691
10567	Programmable Logic Controller Upgrades	\$226,000	\$0	\$0	\$226,000	\$106,850	\$332,850
10574	Rancho Facility Improvements	\$384,000	\$136,100	\$13,848	\$0	\$0	\$0
10579	Security Upgrades - JPA	\$33,044	\$13,977	\$5,639	\$0	\$0	\$0
10587	Recycled Water Storage Study	\$2,271,644	\$700,498	\$484,705	\$1,086,441	(\$1,086,441)	\$0
10588	Woodland Hills Golf Course RW Pipeline Extension	\$1,432,692	\$390,265	\$390	\$0	\$0	\$0
10589	WIMS Software Implementation	\$32,350	\$25,740	\$0	\$0	\$0	\$0
10597	Tapia Electrical and Instrumentation Upgrades	\$167,810	\$0	\$0	\$167,810	(\$101,810)	\$66,000
10600	Tapia Water Reclamation Facility Reliability Improvements	\$132,000	\$25,216	\$117,219	\$0	\$0	\$0
10601	Rancho Reliability Improvements	\$96,400	\$57,025	\$97,475	\$0	\$0	\$0
10602	Miscellaneous RW Extension	\$106,000	\$6,921	\$0	\$99,079	\$32,321	\$131,400
10607	Tapia: Primary Tanks No. 2 - 5 Rehabilitation	\$946,160	\$32,058	\$840,105	\$0	\$0	\$0
10608	Rancho Amendment Bin and Conveyance Modification Project	\$776,500	\$0	\$58,500	\$718,000	(\$347,850)	\$370,150

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Las Virgenes - Triunfo Joint Powers Authority **Working Capital Requirements** **Capital Improvement Projects** **FY16-17 and FY17-18**

Job #	Title	Approved Appropriations	Prior Expenditures	Estimated Expenditures FY16-17	Projected Carryover July 1, 2017	FY17-18 Appropriation	FY17-18 Working Capital Requirement
10611	Tapia Duct Bank Infrastructure Upgrade	\$66,000	\$0	\$0	\$0	\$0	\$0
10617	Flow Meter Replacement - JPA Meters	\$25,849	\$0	\$0	\$0	\$0	\$0
10619	Summer Season 2013 TMDL Compliance	\$200,000	\$0	\$0	\$200,000	\$0	\$200,000
10621	Recycled Water Tank Coating Evaluation and Repair	\$30,000	\$0	\$0	\$30,000	\$0	\$30,000
10622	Capri Tract w/o Lindero Greenbelt Recycled Water Improvements	\$431,000	\$0	\$0	\$0	\$0	\$0
10623	Hillcrest and Oak Park North Apartments Recycled Water Improvements	\$300,000	\$0	\$0	\$0	\$0	\$0
10624	Tapia Chemical Building Roof Replacement	\$55,000	\$0	\$27,500	\$0	\$0	\$0
10626	Process Air Improvements	\$1,797,400	\$0	\$69,584	\$1,727,816	(\$175,816)	\$1,552,000
10629	Canyon Oaks Park RW Main Extension	\$399,780	\$0	\$0	\$0	\$0	\$0
10635	Pure Water Project Las Virgenes-Triunfo	\$0	\$0	\$0	\$0	\$1,850,000	\$1,850,000
60023	Tapia Lighting Efficiency Upgrade	\$0	\$0	\$0	\$0	\$469,920	\$469,920
70002	Rancho Reliability Improvements FY 17-18	\$0	\$0	\$0	\$0	\$132,000	\$132,000
70007	Tapia Water Reclamation Facility Reliability Improvements FY 17-18	\$0	\$0	\$0	\$0	\$132,000	\$132,000
70009	Tapia Primary Tanks No. 4-5 Rehabilitation	\$0	\$0	\$0	\$0	\$790,000	\$790,000
70010	Tapia Sluice Gate and Drive Replacement FY 17-18	\$0	\$0	\$0	\$0	\$556,600	\$556,600
70012	Tapia Grit and Skimmings Pipeline Replacement	\$0	\$0	\$0	\$0	\$202,500	\$202,500
99911	Rancho Las Virgenes: FOG Receiving Facilities	\$0	\$0	\$0	\$0	\$25,000	\$25,000
Total CIP Budget		\$14,349,396	\$2,279,580	\$3,793,283	\$4,964,307	\$3,428,485	\$8,392,792

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JPA - Capital Improvement Project Detail, FY2017-18

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2017	FY17-18 Appropriations
10418	Rehabilitation of 18" RW Pipe (Tapia/Mulholland Highway)	Cao	3 Completed	Appr. \$443,231 Exp. \$406,688	\$0
	Rehabilitation of 18" RW pipe between Tapia and Mulholland Highway due to excessive failure rate. Cost estimate is based on the installation of an active cathodic protection system. The project is divided in three phases: 1) FY12-13; 2) FY13-14; 3) FY14-15.				
	Project Funding:		JPA Share - LV:		JPA Share - TSD:
	Recycled Water Replacement	100.00%	70.60%		29.40%
	Estimated Impact on Annual Operating Expense		\$0		
10513	Tapia Sluice Gate and Drive Replacement	Olinger	2 Completed	Appr. \$545,105 Exp. \$439,009	\$0
	Replaces existing gates in the tanks and channels at Tapia as well as drive mechanisms for flights and chains.				
	Sub-Projects: FY17-18 Tapia Sluice Gate and Drive Replacement \$556,600				
	FY18-19 - FY19-20 Sluice Gate & Drive replacement project \$769,400				
	Project Funding:		JPA Share - LV:		JPA Share - TSD:
	Sanitation Replacement	100.00%	70.60%		29.40%
	Estimated Impact on Annual Operating Expense		\$0		
10520	SCADA System Communication Upgrades	Schlageter	2 Deferred	Appr. \$93,100 Exp. \$32,447	\$0
	Migration of the existing communication system from a serial radio network to an Ethernet based radio network. Provide redundant data paths for uninterrupted communication. Eliminate need to rely on telephone company equipment.				
	Project Funding:		JPA Share - LV:		JPA Share - TSD:
	Sanitation Replacement	100.00%	70.60%		29.40%
	Estimated Impact on Annual Operating Expense		\$0		
10537	Raw Sludge Wet Well Mixing Improvements	Adams	2 Continuing	Appr. \$148,000 Exp. \$236,987	\$196,614
	Replace the existing centrifugal mixing pump with a pump that is more appropriate for sludge mixing.				
	Project Funding:		JPA Share - LV:		JPA Share - TSD:
	Sanitation Replacement	100.00%	70.60%		29.40%
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2017-18

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2017	FY17-18 Appropriations
10540	Lost Hill Overpass Recycled Water Main Relocation	Zhao	2 Continuing	Appr. \$852,433 Exp. \$115,270	(\$115,109)
	Relocate the existing 10" recycled water pipeline in the Lost Hills overpass to the new overpass that will under construction beginning May 2015.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10559	Manhole Rehabilitation, F2/F3 Line	Schlageter	2 Deferred	Appr. \$291,500 Exp. \$8,907	\$0
	The project consists of rehabilitation of existing deteriorated manholes identified by sewer collection inspection. The rehabilitation project includes various repair alternatives based upon the severity of their condition.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	40.10%	59.90%	
	Estimated Impact on Annual Operating Expense		\$0		
10560	Rancho: Rehabilitate Existing Centrate Line	Schlageter	2 Completed	Appr. \$175,390 Exp. \$1,892	\$0
	Provide mechanical and/or chemical cleaning of minerals from the existing centrate line. No planning is needed due to the availability of existing documentation.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10564	Centrate Equalization Tank	Schlageter	2 Completed	Appr. \$1,573,008 Exp. \$1,471,883	\$0
	Construct a centrate equalization tank at the centrate treatment facility.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Construction	25.00%	70.60%	29.40%	
	Sanitation Replacement	75.00%			
	Estimated Impact on Annual Operating Expense		\$0		
10565	Rancho Las Virgenes Digester Cleaning and Repair	Adams	1 Continuing	Appr. \$318,000 Exp. \$257,015	\$761,706
	To clean out and evaluate the condition of existing digesters # 1 and #2. The full scope of repairs is unknown at this time but could include coatings, concrete patching, pipe and valve repairs, removal of the steam lances, and repairs to hatches and seals.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2017-18

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2017	FY17-18 Appropriations
10567	Programmable Logic Controller Upgrades	Schlageter	2 Continuing	Appr. \$226,000 Exp. \$0	\$106,850
	This project replaces programmable logic controllers (PLC's) with newer PLCs and provides necessary equipment upgrades (fiber optics, network switches and programming) to complete the installation. This is a program project which addresses Tapia in the first two years and centrate treatment in the third year. Design will occur in the first year for all facilities.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10574	Rancho Facility Improvements	Triplett	3 Cancelled	Appr. \$384,000 Exp. \$149,948	\$0
	Replace and repair significant components of the JPA's Rancho Las Virgenes Composting Facility. 1) Replacement Sump Pumps (4 @ \$8K/ea.) - \$35,000 2) Amendment Bin Overhaul (welding/coating) - \$50,000 3) Conveyor Screw Replacement (2) - \$30,000 4) Dewatering Compressor (1) - \$10,000				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10579	Security Upgrades - JPA	Miller	3 Completed	Appr. \$33,044 Exp. \$19,616	\$0
	Remote Access Control: \$20,000 Security Cameras: \$15,000 Lock and Key Control: \$5,000				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10587	Recycled Water Storage Study	Lippman	1 Continuing	Appr. \$2,271,644 Exp. \$1,185,203	(\$1,086,441)
	On April 6, 2015, the Board approved the Recycled Water - Seasonal Storage Plan of Action and directed staff to prepare a Basis of Design Report (BODR) for two scenarios: 1) the use of Las Virgenes Reservoir for indirect potable reuse; and 2) repurposing the Encino Reservoir for seasonal storage. On August 1, 2016 the JPA Board selected indirect potable reuse using Las Virgenes Reservoir as the preferred scenario for the Basis of Design Report. See Project 10635.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Conservation	30.00%	70.60%	29.40%	
	Sanitation Construction	20.00%			
	Sanitation Replacement	50.00%			
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2017-18

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2017	FY17-18 Appropriations
10588	Woodland Hills Golf Course RW Pipeline Extension	Schlageter	2 Cancelled	Appr. \$1,432,692 Exp. \$390,655	\$0
	Installation of a 16 inch pipeline from the intersection of Park Granada and Park Capri (Calabasas) to the Los Angeles city boundary and extending to the Woodland Hills Country Club. The JPA will manage the development of the preliminary design, environmental documentation (with CEQA) and final design and construction of the project. The JPA will be reimbursed for all costs related to this project by the LADWP.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Conservation	100.00%	70.60%	29.40%	
	Other Funding from: Los Angeles Dept. of Water & Power				
	Estimated Impact on Annual Operating Expense		\$0		
10589	WIMS Software Implementation		2 Cancelled	Appr. \$32,350 Exp. \$25,740	\$0
	Purchase and installation of Water Information Management solution.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10597	Tapia Electrical and Instrumentation Upgrades	Korkosz	3 Continuing	Appr. \$167,810 Exp. \$0	(\$101,810)
	Replace obsolete and malfunctioning mechanical protective relays for generators with new solid state controls. The controls will provide better generator protection and troubleshooting capabilities (generators 1 & 2). Generator vendor will be selected through RFP process.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10600	Tapia Water Reclamation Facility Reliability Improvements	Dingman	3 Annual	Appr. \$132,000 Exp. \$142,435	\$0
	Replace or rehabilitate facilities and equipment at the Tapia Water Reclamation Facility (WRF) based on failure, exceedence of useful life, or obsolescence. Specific projects are identified for each fiscal year.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2017-18

Proj #	Project Name/Description	Project Manager	Priority/Status	through June 30, 2017	FY17-18 Appropriations
10601	Rancho Reliability Improvements	Schlageter	2 Annual	Appr. \$96,400 Exp. \$154,500	\$0
	Replace or rehabilitate facilities and equipment at the Rancho facility based on failure, exceedence of useful life, or obsolescence. Specific projects are identified for each fiscal year.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10602	Miscellaneous RW Extension	Schlageter	2 Continuing	Appr. \$106,000 Exp. \$6,921	\$32,321
	Funding to develop miscellaneous recycled water system extensions.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Conservation	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10607	Tapia: Primary Tanks No. 2 - 5 Rehabilitation	Olinger	2 Cancelled	Appr. \$946,160 Exp. \$872,163	\$0
	Concrete repair and the installation of a protective coating in the tanks. This project also includes the replacement of existing aluminum launders with stainless steel launders and new stainless steel inlet diffusers.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10608	Rancho Amendment Bin and Conveyance Modification Project	Adams	2 Continuing	Appr. \$776,500 Exp. \$58,500	(\$347,850)
	The project consists of installing a new smaller amendment bin and modification to the conveyor system to simplify the amendment conveyance process.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10611	Tapia Duct Bank Infrastructure Upgrade	Korkosz	2 Deferred	Appr. \$66,000 Exp. \$0	\$0
	Add new duct bank from the front gate to the chemical building with several intercept points along the way.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2017-18

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2017	FY17-18 Appropriations
10617	Flow Meter Replacement - JPA Meters	Anders	1 Completed	Appr. \$25,849 Exp. \$0	\$0
	Replace end of life flow meters at two (2) locations. Includes the purchase of wireless flow meters and installation.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10619	Summer Season 2013 TMDL Compliance	Lippman	1 Continuing	Appr. \$200,000 Exp. \$0	\$0
	Construction of a 1MGD "side stream" treatment facility at Tapia to treat stream flow augmentation discharges to the 2013 TMDL limits of 1 mg/L total nitrogen and 0.1 mg/L total phosphorous. The cost estimate is based on membrane technology. The size is based on the maximum daily flow from 2013-2015.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Construction	25.00%	70.60%	29.40%	
	Sanitation Replacement	75.00%			
	Estimated Impact on Annual Operating Expense		\$0		
10621	Recycled Water Tank Coating Evaluation and Repair	Olinger	2 Continuing	Appr. \$30,000 Exp. \$0	\$0
	The project consists of evaluating the coatings of three (3) steel tanks (Indian Hills, Parkway, Cordillera), that have been identified as needing possible rehabilitation based upon the annual diver's inspection report. The project would include review of the applicable inspection reports and videos and update the "Coating Evaluations and Proposed Rehabilitation Activities" report that was last prepared in June 2002 with recommended rehabilitation.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10622	Capri Tract w/o Lindero Greenbelt Recycled Water Improvements	TSD	2 Cancelled	Appr. \$431,000 Exp. \$0	\$0
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2017-18

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2017	FY17-18 Appropriations
10623	Hillcrest and Oak Park North Apartments Recycled Water Improvements	TSD	2 Cancelled	Appr. \$300,000 Exp. \$0	\$0
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10624	Tapia Chemical Building Roof Replacement	Miller	3 Completed	Appr. \$55,000 Exp. \$27,500	\$0
	Replacement of original chemical building roof located at the Tapia Water Reclamation Facility. The original roof is over 20 years old and has developed leaks in numerous locations. Based on extent of the repairs necessary a total replacement of the 4,700 square foot roof is recommended. The flat roof will be stripped to the rafters and replaced with new sheeting, tar paper and rocks. Rain gutters and roof drainage will also be addressed as part of the replacement.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
10626	Process Air Improvements	Schlageter	2 Continuing	Appr. \$1,797,400 Exp. \$69,584	(\$175,816)
	The first phase is to replace the existing Roots blowers with new, high efficiency, single stage blowers. To replace the air diffusers in the aeration basins with new full floor mounted fine bubble diffusers.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Construction	25.00%	70.60%	29.40%	
	Sanitation Replacement	75.00%			
	Estimated Impact on Annual Operating Expense		(\$184,000)		
10629	Canyon Oaks Park RW Main Extension	Schlageter	2 Cancelled	Appr. \$399,780 Exp. \$0	\$0
	This extension will serve the City of Westlake Village's Canyon Oaks Park and eliminate a long private service line to Yerba Buena School.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Conservation	100.00%	70.60%	29.40%	
	Other Funding from: Prop 84 IRWMP		\$354,000		
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2017-18

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2017	FY17-18 Appropriations																		
10635	Pure Water Project Las Virgenes-Triunfo	Lippman	1 Continuing	Appr. Exp.	\$0 \$0 \$1,850,000																		
<p>On August 1, 2016 the JPA Board selected indirect potable reuse using Las Virgenes Reservoir as the preferred scenario for the Basis of Design Report. This CIP will fund preliminary studies, outreach, CEQA analysis, preliminary design and final design.</p> <p><i>Sub-Projects: 10636-Mixing & Dilution Study</i> <i>10637-Facility Siting Study</i> <i>10638-Demonstration Project</i></p> <p>Project Funding:</p> <table> <tr> <td>Recycled Water Conservation</td><td>30.00%</td><td>JPA Share - LV:</td><td>70.60%</td><td>JPA Share - TSD:</td><td>29.40%</td></tr> <tr> <td>Sanitation Construction</td><td>20.00%</td><td></td><td></td><td></td><td></td></tr> <tr> <td>Sanitation Replacement</td><td>50.00%</td><td></td><td></td><td></td><td></td></tr> </table> <p>Estimated Impact on Annual Operating Expense \$0</p>						Recycled Water Conservation	30.00%	JPA Share - LV:	70.60%	JPA Share - TSD:	29.40%	Sanitation Construction	20.00%					Sanitation Replacement	50.00%				
Recycled Water Conservation	30.00%	JPA Share - LV:	70.60%	JPA Share - TSD:	29.40%																		
Sanitation Construction	20.00%																						
Sanitation Replacement	50.00%																						
60023	Tapia Lighting Efficiency Upgrade	Zhao	3 New	Appr. Exp.	\$0 \$0 \$469,920																		
<p>Replace internal and external lights at Tapia.</p> <p>Project Funding:</p> <table> <tr> <td>Sanitation Replacement</td><td>100.00%</td><td>JPA Share - LV:</td><td>70.60%</td><td>JPA Share - TSD:</td><td>29.40%</td></tr> </table> <p>Other Funding from: Incentives \$25,000</p> <p>Estimated Impact on Annual Operating Expense (\$53,000)</p>						Sanitation Replacement	100.00%	JPA Share - LV:	70.60%	JPA Share - TSD:	29.40%												
Sanitation Replacement	100.00%	JPA Share - LV:	70.60%	JPA Share - TSD:	29.40%																		
70002	Rancho Reliability Improvements FY 17-18	Adams	2 Annual	Appr. Exp.	\$0 \$0 \$132,000																		
<p>Based on analysis of break history, facility age, pipe material, location and other distribution system indicators, this project will fund specific repair and/or replacement projects.</p> <p>Project Funding:</p> <table> <tr> <td>Sanitation Replacement</td><td>100.00%</td><td>JPA Share - LV:</td><td>70.60%</td><td>JPA Share - TSD:</td><td>29.40%</td></tr> </table> <p>Estimated Impact on Annual Operating Expense \$0</p>						Sanitation Replacement	100.00%	JPA Share - LV:	70.60%	JPA Share - TSD:	29.40%												
Sanitation Replacement	100.00%	JPA Share - LV:	70.60%	JPA Share - TSD:	29.40%																		
70007	Tapia Water Reclamation Facility Reliability Improvements FY 17-18	Dingman	3 Annual	Appr. Exp.	\$0 \$0 \$132,000																		
<p>Based on analysis of break history, facility age, pipe material, location and other distribution system indicators, this project will fund specific repair and/or replacement projects.</p> <p>Project Funding:</p> <table> <tr> <td>Sanitation Replacement</td><td>100.00%</td><td>JPA Share - LV:</td><td>70.60%</td><td>JPA Share - TSD:</td><td>29.40%</td></tr> </table> <p>Estimated Impact on Annual Operating Expense \$0</p>						Sanitation Replacement	100.00%	JPA Share - LV:	70.60%	JPA Share - TSD:	29.40%												
Sanitation Replacement	100.00%	JPA Share - LV:	70.60%	JPA Share - TSD:	29.40%																		

JPA - Capital Improvement Project Detail, FY2017-18

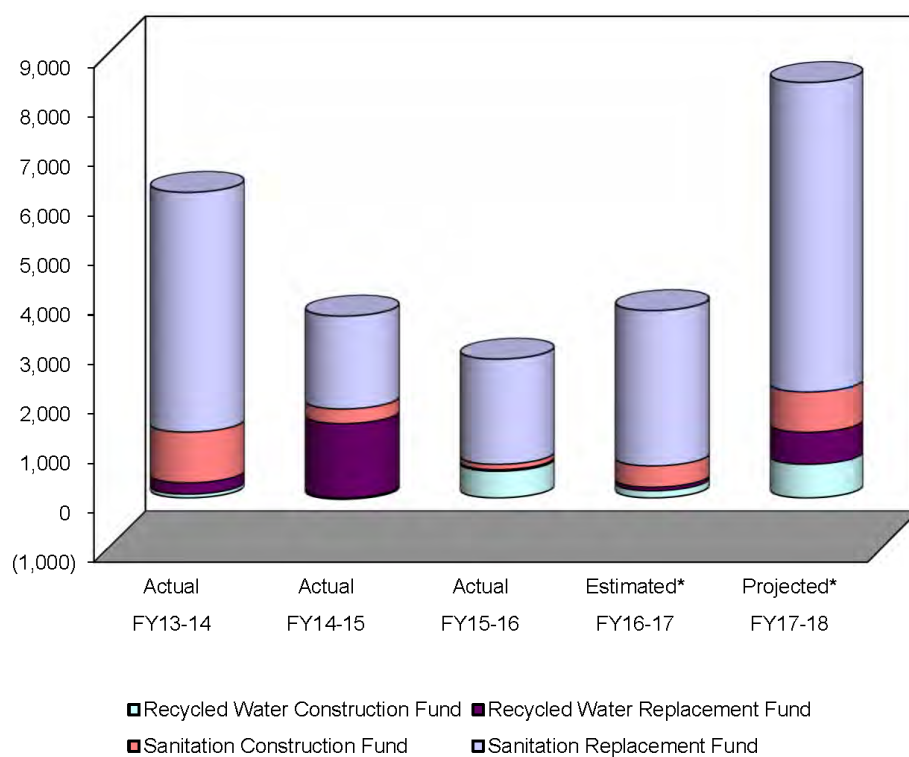
Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2017	FY17-18 Appropriations
70009	Tapia Primary Tanks No. 4-5 Rehabilitation	Olinger	2 New	Appr. Exp.	\$0 \$0 \$790,000
	Concrete repair and the installation of a protective coating in the tanks. This project also includes the replacement of existing aluminum launders with stainless steel launders and new stainless steel inlet diffusers				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
70010	Tapia Sluice Gate and Drive Replacement FY 17-18	Olinger	2 New	Appr. Exp.	\$0 \$0 \$556,600
	Replace existing gates in the tanks and channels at Tapia as well as drive mechanisms. Replace ten RAS gates in FY 17-18				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
70012	Tapia Grit and Skimmings Pipeline Replacement	Dingman	2 New	Appr. Exp.	\$0 \$0 \$202,500
	Replace approximately 230 feet of grit piping and "Y" grit valves as well as approximately 200 feet of primary skimming pipe. Pipe diameters vary from 4" to 8".				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		\$0		
99911	Rancho Las Virgenes: FOG Receiving Facilities	Dingman	3 New	Appr. Exp.	\$0 \$0 \$25,000
	To conduct a study to determine the market for local high strength wastes (food waste, fats, oils, and grease (FOG)) that can be fed into the third digester. After completion of the study, the installation of facilities for receiving and conveying fats, oils, and grease (FOG) and food waste into the newly constructed third digester.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Construction	20.00%	70.60%	29.40%	
	Sanitation Replacement	80.00%			
	Estimated Impact on Annual Operating Expense		\$0		

JPA - Capital Improvement Project Detail, FY2017-18

Proj #	Project Name/Description	Project Manager	Priority/ Status	through June 30, 2017	FY17-18 Appropriations
Total Capital Improvement Project Appropriations					\$3,428,485
Total Other Funding			\$379,000		
Total Estimated Impact on Annual Operating Expense			(\$237,000)		
Appropriations by Fund		FY 2017-18 Appropriations	JPA Projects TSD Share	Net LVMWD Appropriations	
Recycled Water Conservation		\$261,389	\$76,848	\$184,540	
Recycled Water Replacement		(\$115,109)	(\$33,842)	(\$81,267)	
Sanitation Construction		\$113,758	\$33,445	\$80,313	
Sanitation Replacement		\$3,168,448	\$931,524	\$2,236,924	
GRAND TOTAL		\$3,428,485	\$1,007,975	\$2,420,510	

**Las Virgenes - Triunfo
Joint Powers Authority
Capital Improvement Projects
Annual Expenditures
(Dollars in Thousands)**

	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18
	Actual	Actual	Actual	Estimated*	Projected*
Recycled Water Construction Fund	77	(25)	543	146	686
Recycled Water Replacement Fund	228	1,514	33	71	652
Sanitation Construction Fund	1,037	295	108	435	813
Sanitation Replacement Fund	4,835	1,873	2,130	3,141	6,241
	<u>6,177</u>	<u>3,657</u>	<u>2,814</u>	<u>3,793</u>	<u>8,392</u>



*Estimated and Projected expenditures represent working capital requirements for each fiscal year.

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
CAPITAL IMPROVEMENT PROJECTS
EXPENDITURE LISTING by FUND
FY 2016-17 ESTIMATED ACTUAL**

WORK ORDER NO.	PROJECT NAME / FUND	FY 2016-17 ESTIMATED EXPENDITURES	% OF TOTAL PROJECT	FY 2016-17 ALLOCATED EXPENDITURES	JOINT POWERS ALLOCATION			
					TSD SHARE		LVMWD SHARE	
					RATIO	AMOUNT	RATIO	AMOUNT
Recycled Water Conservation								
10587	Recycled Water Storage Study							
		\$484,705	30.0%	\$145,412	29.4%	\$42,751	70.6%	\$102,661
10588	Woodland Hills Golf Course RW Pipeline Extension							
		\$390	100.0%	\$390	29.4%	\$115	70.6%	\$275
10602	Miscellaneous RW Extension							
		\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10629	Canyon Oaks Park RW Main Extension							
		\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
Total: Recycled Water Conservation				\$145,802		\$42,866		\$102,936
Recycled Water Replacement								
10418	Rehabilitation of 18" RW Pipe (Tapia/Mulholland Highway)							
		\$68,057	100.0%	\$68,057	29.4%	\$20,009	70.6%	\$48,048
10540	Lost Hill Overpass Recycled Water Main Relocation							
		\$2,664	100.0%	\$2,664	29.4%	\$783	70.6%	\$1,881
10621	Recycled Water Tank Coating Evaluation and Repair							
		\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10622	Capri Tract w/o Lindero Greenbelt Recycled Water Improve							
		\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10623	Hillcrest and Oak Park North Apartments Recycled Water Impr							
		\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
Total: Recycled Water Replacement				\$70,721		\$20,792		\$49,929
Sanitation Construction								
10564	Centrate Equalization Tank							
		\$1,284,954	25.0%	\$321,239	29.4%	\$94,444	70.6%	\$226,794
10587	Recycled Water Storage Study							
		\$484,705	20.0%	\$96,941	29.4%	\$28,501	70.6%	\$68,440
10619	Summer Season 2013 TMDL Compliance							
		\$0	25.0%	\$0	29.4%	\$0	70.6%	\$0
10626	Process Air Improvements							
		\$69,584	25.0%	\$17,396	29.4%	\$5,114	70.6%	\$12,282
Total: Sanitation Construction				\$435,576		\$128,059		\$307,516
Sanitation Replacement								
10513	Tapia Sluice Gate and Drive Replacement							
		\$415,000	100.0%	\$415,000	29.4%	\$122,010	70.6%	\$292,990
10520	SCADA System Communication Upgrades							
		\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10537	Raw Sludge Wet Well Mixing Improvements							
		\$204,328	100.0%	\$204,328	29.4%	\$60,072	70.6%	\$144,256

FY 2017-18 JPA Budget

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June 5, 2017

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
CAPITAL IMPROVEMENT PROJECTS
EXPENDITURE LISTING by FUND
FY 2016-17 ESTIMATED ACTUAL**

WORK ORDER NO.	PROJECT NAME / FUND	FY 2016-17 ESTIMATED EXPENDITURES	% OF TOTAL PROJECT	FY 2016-17 ALLOCATED EXPENDITURES	JOINT POWERS ALLOCATION			
					TSD SHARE		LVMWD SHARE	
					RATIO	AMOUNT	RATIO	AMOUNT
10559	Manhole Rehabilitation, F2/F3 Line							
		\$6,635	100.0%	\$6,635	59.9%	\$3,974	40.1%	\$2,661
10560	Rancho: Rehabilitate Existing Centrate Line							
		\$1,892	100.0%	\$1,892	29.4%	\$556	70.6%	\$1,336
10564	Centrate Equalization Tank							
		\$1,284,954	75.0%	\$963,716	29.4%	\$283,332	70.6%	\$680,383
10565	Rancho Las Virgenes Digester Cleaning and Repair							
		\$94,788	100.0%	\$94,788	29.4%	\$27,868	70.6%	\$66,920
10567	Programmable Logic Controller Upgrades							
		\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10574	Rancho Facility Improvements							
		\$13,848	100.0%	\$13,848	29.4%	\$4,071	70.6%	\$9,777
10579	Security Upgrades - JPA							
		\$5,639	100.0%	\$5,639	29.4%	\$1,658	70.6%	\$3,981
10587	Recycled Water Storage Study							
		\$484,705	50.0%	\$242,353	29.4%	\$71,252	70.6%	\$171,101
10589	WIMS Software Implementation							
		\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10597	Tapia Electrical and Instrumentation Upgrades							
		\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10600	Tapia Water Reclamation Facility Reliability Improvements							
		\$117,219	100.0%	\$117,219	29.4%	\$34,462	70.6%	\$82,757
10601	Rancho Reliability Improvements							
		\$97,475	100.0%	\$97,475	29.4%	\$28,658	70.6%	\$68,817
10607	Tapia: Primary Tanks No. 2 - 5 Rehabilitation							
		\$840,105	100.0%	\$840,105	29.4%	\$246,991	70.6%	\$593,114
10608	Rancho Amendment Bin and Conveyance Modification Project							
		\$58,500	100.0%	\$58,500	29.4%	\$17,199	70.6%	\$41,301
10611	Tapia Duct Bank Infrastructure Upgrade							
		\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10617	Flow Meter Replacement - JPA Meters							
		\$0	100.0%	\$0	29.4%	\$0	70.6%	\$0
10619	Summer Season 2013 TMDL Compliance							
		\$0	75.0%	\$0	29.4%	\$0	70.6%	\$0
10624	Tapia Chemical Building Roof Replacement							
		\$27,500	100.0%	\$27,500	29.4%	\$8,085	70.6%	\$19,415
10626	Process Air Improvements							
		\$69,584	75.0%	\$52,188	29.4%	\$15,343	70.6%	\$36,845
Total: Sanitation Replacement				\$3,141,185		\$925,532		\$2,215,653
GRAND TOTAL				\$3,793,283		\$1,117,249		\$2,676,034

FY 2017-18 JPA Budget

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June 5, 2017

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
CAPITAL IMPROVEMENT PROJECTS
WORKING CAPITAL REQUIREMENT by FUND
FY 2017-18**

WORK ORDER NO.	PROJECT NAME/FUND	FY 2017-18 PROJECT REQUIREMENTS	% OF TOTAL PROJECT	FY 2017-18 ALLOCATED REQUIREMENT	JOINT POWERS		NET LVMWD REQUIREMENTS
					TSD SHARE		
					RATIO	AMOUNT	
Recycled Water Conservation							
10587	Recycled Water Storage Study	\$0	30.0%	\$0	29.4%	\$0	\$0
10602	Miscellaneous RW Extension	\$131,400	100.0%	\$131,400	29.4%	\$38,632	\$92,768
10635	Pure Water Project Las Virgenes-Triunfo	\$1,850,000	30.0%	\$555,000	29.4%	\$163,170	\$391,830
Total: Recycled Water Conservation				\$686,400		\$201,802	\$484,598
Recycled Water Replacement							
10540	Lost Hill Overpass Recycled Water Main Relocation	\$622,054	100.0%	\$622,054	29.4%	\$182,884	\$439,170
10621	Recycled Water Tank Coating Evaluation and Repair	\$30,000	100.0%	\$30,000	29.4%	\$8,820	\$21,180
Total: Recycled Water Replacement				\$652,054		\$191,704	\$460,350
Sanitation Construction							
10587	Recycled Water Storage Study	\$0	20.0%	\$0	29.4%	\$0	\$0
10619	Summer Season 2013 TMDL Compliance	\$200,000	25.0%	\$50,000	29.4%	\$14,700	\$35,300
10626	Process Air Improvements	\$1,552,000	25.0%	\$388,000	29.4%	\$114,072	\$273,928
10635	Pure Water Project Las Virgenes-Triunfo	\$1,850,000	20.0%	\$370,000	29.4%	\$108,780	\$261,220
99911	Rancho Las Virgenes: FOG Receiving Facilities	\$25,000	20.0%	\$5,000	29.4%	\$1,470	\$3,530
Total: Sanitation Construction				\$813,000		\$239,022	\$573,978
Sanitation Replacement							
10537	Raw Sludge Wet Well Mixing Improvements	\$107,627	100.0%	\$107,627	29.4%	\$31,642	\$75,985
10565	Rancho Las Virgenes Digester Cleaning and Repair	\$822,691	100.0%	\$822,691	29.4%	\$241,871	\$580,820
10567	Programmable Logic Controller Upgrades	\$332,850	100.0%	\$332,850	29.4%	\$97,858	\$234,992
10587	Recycled Water Storage Study	\$0	50.0%	\$0	29.4%	\$0	\$0
10597	Tapia Electrical and Instrumentation Upgrades	\$66,000	100.0%	\$66,000	29.4%	\$19,404	\$46,596

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June 5, 2017

**LAS VIRGENES - TRIUNFO JOINT POWERS AUTHORITY
CAPITAL IMPROVEMENT PROJECTS
WORKING CAPITAL REQUIREMENT by FUND
FY 2017-18**

WORK ORDER NO.	PROJECT NAME/FUND	FY 2017-18 PROJECT REQUIREMENTS	% OF TOTAL PROJECT	FY 2017-18 ALLOCATED REQUIREMENT	JOINT POWERS		NET LVMWD REQUIREMENTS
					TSD SHARE RATIO	AMOUNT	
10608	Rancho Amendment Bin and Conveyance Modification Project	\$370,150	100.0%	\$370,150	29.4%	\$108,824	\$261,326
10619	Summer Season 2013 TMDL Compliance	\$200,000	75.0%	\$150,000	29.4%	\$44,100	\$105,900
10626	Process Air Improvements	\$1,552,000	75.0%	\$1,164,000	29.4%	\$342,216	\$821,784
10635	Pure Water Project Las Virgenes-Triunfo	\$1,850,000	50.0%	\$925,000	29.4%	\$271,950	\$653,050
60023	Tapia Lighting Efficiency Upgrade	\$469,920	100.0%	\$469,920	29.4%	\$138,156	\$331,764
70002	Rancho Reliability Improvements FY 17-18	\$132,000	100.0%	\$132,000	29.4%	\$38,808	\$93,192
70007	Tapia Water Reclamation Facility Reliability Improvements FY	\$132,000	100.0%	\$132,000	29.4%	\$38,808	\$93,192
70009	Tapia Primary Tanks No. 4-5 Rehabilitation	\$790,000	100.0%	\$790,000	29.4%	\$232,260	\$557,740
70010	Tapia Sluice Gate and Drive Replacement FY 17-18	\$556,600	100.0%	\$556,600	29.4%	\$163,640	\$392,960
70012	Tapia Grit and Skimmings Pipeline Replacement	\$202,500	100.0%	\$202,500	29.4%	\$59,535	\$142,965
99911	Rancho Las Virgenes: FOG Receiving Facilities	\$25,000	80.0%	\$20,000	29.4%	\$5,880	\$14,120
Total: Sanitation Replacement				\$6,241,338		\$1,834,953	\$4,406,385
GRAND TOTAL				\$8,392,792		\$2,467,481	\$5,925,311

RESOURCE CONSERVATION AND PUBLIC OUTREACH Program Descriptions

Resource Conservation and Public Outreach Programs are included as individual line-item requests throughout the Budget. To provide a consolidated review, each Program is detailed on the following pages. This allows a more in-depth description of each Program and a more comprehensive perspective than is available within the business unit line-item explanations.

RESOURCE CONSERVATION AND PUBLIC OUTREACH

Public Outreach Programs

School Education

FUNDING SOURCES

Las Virgenes MWD - general	701230
Las Virgenes MWD - 100%	101900
Joint Powers Authority - 100%	751840

ACCT #	DESCRIPTION	2016-17 Adopted Budget	2016-17 Estimated Actual	2017-18 Budget Plan	2017-18 Proposed Budget
	Program Expenses				
701230.6602	School Education	15,540	23,707	15,765	15,765
101900.6602	School Education - 100% LVMWD	203,684	162,851	214,514	214,514
751840.6602	School Education - 100% JPA	9,915	13,017	11,975	11,975
	Total Expenses	\$ 229,139	\$ 199,575	\$ 242,254	\$ 242,254

PROGRAM DESCRIPTION

All programs include staff time charged from 701230.6100 and other units.

- 701230.6602 Staff support for Outdoor Education including educational materials.
- 101900.6602 Includes LVUSD water science education school initiative (\$107,000); annual school poster contest and related calendar (\$7,500); elementary school theatrical presentations and related take-home support materials (\$8,800); secondary school outreach program (\$5,000), the annual library book program (\$3,500), and MWD's Solar Cup Challenge for participating high schools (\$2,500 per participant).
- 751840.6602 Wastewater education initiatives, programs and tours (\$5,000). Also includes programs designed to accommodate home-school students and school education programs in the TSD service area .

RESOURCE CONSERVATION AND PUBLIC OUTREACH

Public Outreach Programs

Public Education

FUNDING SOURCES

Las Virgenes MWD - general	701230
Las Virgenes MWD - 100%	101900
Joint Powers Authority - 100%	751840

		2016-17 Adopted Budget	2016-17 Estimated Actual	2017-18 Budget Plan	2017-18 Proposed Budget
ACCT #	DESCRIPTION				
	Program Expenses				
701230.6604	Public Education	309,581	219,268	200,817	200,817
101900.6604	Public Education - 100% LVMWD	222,887	142,445	233,793	233,793
751840.6604	Public Education - 100% JPA	67,398	66,155	71,835	71,835
	Total Expenses	\$ 599,866	\$ 427,868	\$ 506,445	\$ 506,445

PROGRAM DESCRIPTION

All programs include staff time charged from 701230.6100 and other units.

- 701230.6604 Includes community outreach (\$15,000); events and activities; printing and production of customer newsletters; website costs; District brochures and handout materials (\$15,000).
- 101900.6604 Includes water conservation-related display advertising, shut down notifications and other incident-specific notices to customers (\$10,000); conservation education to hotels, restaurants and businesses (\$5,000); chamber directories (\$1,800) and "water supply only" District quarterly tours for potable water (\$4,000), production and mailing of the annual water quality report, production of the annual "Popular Budget", construction project notifications and outreach (variable), rate change notifications.
- 751840.6604 Quarterly tours of Rancho/Tapia (\$4,000); Malibu Creek Watershed and regulatory issue outreach (\$3,500); JPA activities and display advertising related to watershed, compost and recycled water promotion, pharmaceutical disposal education, etc. (\$10,000).

RESOURCE CONSERVATION AND PUBLIC OUTREACH

Public Outreach Programs

Community Group Outreach

FUNDING SOURCES

Las Virgenes MWD - general	701230
Las Virgenes MWD - 100%	101900
Joint Powers Authority - 100%	751840

ACCT #	DESCRIPTION	2016-17 Adopted Budget	2016-17 Estimated Actual	2017-18 Budget Plan	2017-18 Proposed Budget
	Program Expenses				
701230.6606	Community Group Outreach	13,406	4,568	14,606	14,606
101900.6606	Comm'ty Group Outreach - 100% LVMWD	8,096	3,915	8,164	8,164
751840.6606	Community Group Outreach - 100% JPA	5,015	455	6,525	6,525
	Total Expenses	\$ 26,517	\$ 8,938	\$ 29,295	\$ 29,295

PROGRAM DESCRIPTION

All programs include staff time charged from 701230.6100 and other units.

701230.6606	Includes funding and staff time for community forums and workshops (\$10,000); meetings and fees for speaker's bureau, HOA outreach, chamber events and luncheons (\$2,000) and community liaison expenses (\$1,000).
101900.6606	Includes water-related community group events; brochures, advertising, posters, speaker's bureau publications and supplies, photos and training materials (\$2,000).
751840.6606	JPA related publications and community group outreach related to watershed stewardship and NPDES permit (\$6,000) and speaker's bureau expenses (\$1,000).

RESOURCE CONSERVATION AND PUBLIC OUTREACH

Public Outreach Programs

Intergovernmental Coordination

FUNDING SOURCES

Las Virgenes MWD - general	701230
Las Virgenes MWD - 100%	101900
Joint Powers Authority - 100%	751840

ACCT #	DESCRIPTION	2016-17 Adopted Budget	2016-17 Estimated Actual	2017-18 Budget Plan	2017-18 Proposed Budget
	Program Expenses				
701230.6608	Intergovernmental Coordination	16,499	16,765	17,909	17,909
101900.6608	Intergov'tal Coord'n - 100% LVMWD	10,284	2,042	10,469	10,469
751840.6608	Intergov'tal Coord'n - 100% JPA	10,342	6,448	10,618	10,618
	Total Expenses	\$ 37,125	\$ 25,255	\$ 38,996	\$ 38,996

PROGRAM DESCRIPTION

Programmed funds include support for intergovernmental activities such as legislative monitoring and activities with the federal and state legislators and staff, county, cities, school districts, federal agencies and regulatory bodies.

Budget includes funds for responses to legislative or regulatory issues that emerge during the year.

GLOSSARY

005 – Alternate effluent discharge point for treated wastewater from Tapia WRF.

Account – A record of a business transaction; a reckoning of money received or paid.

Accounting System – The total structure of records and procedures that discover, record, classify, summarize, and report information on the financial position and results of operations of a government entity.

Accounts Payable – Purchase of services and supplies as of or prior to June 30 but not yet paid at June 30.

Accounts Receivable – General bills due from customers.

Accrual – The recognition of a revenue or expense in a budget year even though the actual cash may not be received or paid until the following budget year.

Acre-Foot of Water (AF) – The volume of water that would cover one acre to a depth of one foot.

Adoption – Formal action by the Board of Directors, which sets the spending limits for the fiscal year.

Advance Refunding – A defeasance of outstanding debt prior to the date the bonds can be called by depositing cash and/or securities.

American Water Works Association (AWWA) – An international nonprofit scientific and educational society dedicated to the improvement of water quality and supply.

Amortization – Gradual reduction, redemption, or liquidation of the balance of an account; according to a specified schedule of times and amounts.

Appropriation – A funding authorization made by the Board, which permits the District to incur obligations and to make expenditures of resources.

Aqueduct – A canal for conveying a large amount of water.

Assets – Resources owned or held by the enterprise as a result of past events and from which future economic benefits are expected to flow to the enterprise.

Association of California Water Agencies (ACWA) – Association representing over 400 public water agencies consisting of municipal, irrigation, county and California water districts, and a number of special purpose agencies. ACWA also represents non-profit and non-public mutual water companies. Members provide the link between local, state and federal water projects, and ultimate water consumers.

Audit – Performed by the District's independent certified public accountant (CPA), with the objective 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 (GAAP).

Automatic Meter Reading (AMR) – Automatic collection of water meter data using remote reading devices.

Biosolids – Nutrient-rich solid materials that are produced from the organic residuals that are a byproduct of the treatment of domestic wastewater in a wastewater treatment plant.

Bond Call – Bonds that are redeemable by the issuer prior to the specified maturity date at a specified price at or above par.

Budget – The District's financial plan balancing proposed expenditures for a certain period of time to the expected income or revenue for that same period.

California Association of Sanitation Agencies (CASA) – An organization of various municipal agencies that provide wastewater collection, treatment, transportation and disposal in California.

California Environmental Quality Act (CEQA) – Legislation passed in 1969 to implement Federal law establishing environmental standards. Turbidity and other standards were established for treated wastewater discharges into public streams and rivers.

California Public Utilities Commission (CPUC) – Commission governing the business operations of private utilities in so much as they affect the rates of the services sold.

Capacity Fee – Fee imposed when a customer requests a new service connection. Capacity fee funds are used by the District to plan, design and construct new facilities to support the additional demand placed by on the water and sanitation systems by the new service connections.

Capital Assets – Assets of a long-term nature such as land, buildings, machinery, furniture, plants and transmission and distribution infrastructure, and other equipment. The District has defined such assets as those with an expected life in excess of three years and an acquisition cost in excess of \$5,000.

Capital Improvement Program (CIP) – A plan to provide for the maintenance or replacement of existing assets, infrastructure, and equipment and for the construction or acquisition of new facilities and equipment.

Capital Improvement Program-Labor Reimbursement – Salaries are budgeted 100% in the District's operating budget. Labor expended on capital improvement projects is then reimbursed to the operating budget from the project budget.

Capital Improvement Project Funds – Funds used to account for financial resources used for the acquisition or construction of major capital facilities, as approved in the five year Capital Improvement Plan.

Capitalized Interest – Funds provided from the proceeds of a bond issue, used to cover interest payments until revenue sources to repay the debt are available.

Certificates of Participation (COP) – Form of lease-purchase financing used to construct or acquire capital facilities and equipment.

Coverage – A margin of safety for payment of debt service, reflecting the number of times by which earnings for a period of time exceed debt service payable in such a period.

Current Assets – Cash, bank deposits, investments, accounts and other amounts receivable. Assets which can be converted to cash, consumed or sold within one year.

Current Liabilities – Accounts, contracts, deposits and other payables due within one year.

Customer Information System (CIS) – A system maintaining customer data including usage, billing and payment information.

Customer Water Budget – Volumetric allotments of water based on a set indoor demand volume and weather-adjusted outdoor demand.

Debt – An obligation resulting from the borrowing of money or from the purchase of goods and services. These include bonds and accounts payable.

Debt Service – Interest and principal payments on bond issues and Certificates of Participation. Also included are the issuance costs related to bond funding.

Defease – To set aside sufficient money to retire outstanding debt when due. A full defeasance results in release from covenants and contractual obligations contained in the bond documents.

Deficiency – A general term indicating the amount by which anything falls short of some requirement of expectation.

Deficit – The excess of expenditures over revenues during an accounting period.

Depreciation – An element of cost resulting from the service of long-lived assets in an economic organization and represents the loss in asset value because of wear, deterioration, obsolescence or action of the physical elements.

Drought – A period of drier-than-normal conditions that results in water-related problems.

Effluent – Treated wastewater discharged from wastewater treatment plants.

Emergency Action Plan (EAP) – Emergency Action Plan as required by the Federal Energy Regulatory Commission (FERC) as it applies to dams and reservoirs of high or moderate hazard potential to life and property. The EAP consists typically of notification procedures to alert the appropriate authorities in the event of a hazardous condition developing and also includes continuous monitoring of the facility to provide an early warning to the operator.

Enterprise Fund – A fund established to account for the financing of self-supporting enterprises, such as a utility fund, which render services primarily to the public.

Entity – The basic unit upon which accounting and/or financial reporting activities focus.

Equivalent Residential Unit (ERU) – Water usage equivalent to a typical single-family dwelling.

Expenses – Decreases in economic benefits during the accounting period in the form of outflows or depletions of assets or incurrences of liabilities that result in decreases in equity.

Fiscal Year – The beginning and ending period for recording financial transactions. The District has specified July 1 to June 30 as its fiscal year.

Full Time Equivalent (FTE) – An FTE equates to one full-time employee working 2,080 hours per year.

Fund – An accounting entity that records all financial transactions for specific activities or government functions.

Geographic Information System (GIS) – A system combining computer hardware, software, and geographic data for collecting, storing, analyzing and displaying geographically referenced information.

Generally Accepted Accounting Principles (GAAP) – Accounting standards and financial reporting practices promulgated by several national committees and boards. Primary sources for governmental accounting are the National Council on Governmental Accounting, producing governmental accounting, auditing and financial reporting (GAAFR), the Governmental Accounting Standards Board (GASB), and the Government Finance Officers Association (GFOA).

Governmental Accounting Standards Board (GASB) – National advisory board of accounting standards for public agencies. Identifies procedures, methods and standards for presenting the financial condition of public agencies.

Hundred Cubic Feet (HCF) – The base billing unit used to charge customers for water service, equal to one hundred cubic feet of water. Also used to express Customer Water Budget volumes.

Infrastructure – The accumulated pipelines, treatment plants and storage facilities of the District, including all meters, valves, pumps, filters and other appurtenances, whether constructed by the District or dedicated by private entities.

Internal Service Funds – Internal Service Funds are used to account for the financing of goods or services provided by one or more departments to other operating departments of the District on a cost reimbursement basis.

Joint Powers Authority (JPA) – A joint powers agreement between the District and Triunfo Sanitation District for the purpose of constructing, operating, maintaining and providing for the replacement of a joint sewer system.

Liabilities – Present obligations of the enterprise arising from past events.

Line Item – Expenditure classifications established to account for and budget the appropriations approved.

Local Agency Investment Funds (LAIF) – An investment fund established by the California State Treasurer for the benefit for public agencies. The District, per its investment policy may invest up to the maximum permitted under State law (California Government Code Section 16429.1).

Maintenance – The upkeep of physical properties in condition for use or occupancy. Examples are the inspection of equipment to detect defects and the making of repairs.

Metropolitan Water District (MWD) – A consortium of 26 cities and water districts that provides drinking water to nearly 18 million people in parts of Los Angeles, Orange, San Diego, Riverside, San Bernardino and Ventura counties.

Municipal – In its broadest sense, an adjective, which denotes the state and all subordination units of government.

Net Assets – The excess of assets over liabilities, represents the cumulative effect of revenues and other financing sources over expenses and other financing uses.

NPDES – National Pollution Discharge Elimination System

O&M – Operations and Maintenance

Obligations – Amounts that a government may be legally required to meet out of its resources. They include not only actual liabilities, but also encumbrances not yet paid.

Operating Expenses – All costs associated with the day-to-day business of the District, which are not considered capital improvements or debt repayments.

Operating Revenue – Revenue generated from the day-to-day business of the District.

Potable Water – Water that is suitable for drinking.

Projected – An estimate of revenues and expenditures based on past trends, the present economic situation and future financial forecasts.

Proposition 218 – The “Right to Vote on Taxes Act”. Limits the methods by which local governments can create or increase taxes, fees and charges without taxpayer consent. Proposition 218 requires taxpayer approval of property related assessments and fees.

Proposition 50 – The Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002.

Proprietary Fund – A method of accounting for a government’s ongoing activities that is similar to those often found in the private sector.

Public Employees Retirement System (PERS) – An agent, multiple-employer, public retirement system to which the District contributes that acts as a common investment and administrative agent for participating public entities within the State of California.

Pump Station – Mechanical devices installed in sewer or water systems or other liquid-carrying pipelines that moves the liquids to a higher level.

Recycled Water – Treated wastewater of a quality suitable for nonpotable applications, such as landscape irrigation, decorative water features, and nonfood crops.

Regional Water Quality Control Board (RWQCB) – Statewide Regional Water Control Boards that work to preserve California water.

Reserves – An amount set aside in an account for future use.

Reservoir – A pond, lake, tank, or basin (natural or engineered) where water is collected and stored.

Resolution – A special or temporary order of a legislative body; an order to a legislative body requiring less legal formality than an ordinance or statute.

Revenue – An inflow of assets, not necessarily in cash, in exchange for services rendered.

Revenue Bond – A bond payable solely from net or gross non ad valorem tax revenues derived from general fund revenues, tax increment revenues, or tolls, charges or rents paid by users of the facility constructed with the proceeds of the bond issue.

Right of Way – A legal right of passage over another person’s ground.

Sanitation Service – The collection, treatment, reuse and disposal of wastewater.

Sewage – Word used interchangeably with wastewater.

Standby Charge – Fee collected for the maintenance and upkeep of the District's Potable Water Infrastructure.

Supervisory Control and Data Acquisition (SCADA) – The Supervisory Control and Data Acquisition system collects operational data from remote units to monitor and control water and wastewater systems and facilities throughout the District service area.

Tapia Effluent Alternatives (TEA) – Study funded by the JPA to identify alternatives to effluent discharge into Malibu Creek.

Title 22 – Title 22 of the California Code of Regulations sets state environmental health standards for potable and non-potable water. When "Title 22" is referenced in conjunction with reclaimed wastewater, this means a tertiary wastewater effluent that has been filtered and disinfected and meets California State Health Department standards for full human body contact.

Total Maximum Daily Load (TMDL) – The maximum amount of a given pollutant that a receiving body of water can assimilate without violating water quality standards.

Wastewater – Word used interchangeably with sewage. Any water that has come into contact with, or contains biological contaminants, particulate contaminants, or inorganic or organic solutes.

Water Budget – Same as Customer Water Budget.

Water Reclamation Facility (WRF) – A facility that controls and filters out raw sewage and water-treating both to meet standards set by state and federal guidelines for the discharge of the effluent into streams and rivers or for reuse, and for the proper disposal of the sludge.

Water Treatment Plant (WTP) – A facility that monitors and controls the quality of water, to include purity and turbidity as required by state and federal guidelines.

Watershed – A geographic area, surrounded by the highest ridgelines, which drains into a river, river system, or body of water.

Working Capital – The difference between current assets and current liabilities. Represents the amount available for operations or other expenditures.

ACRONYMS

ACWA	Association of California Water Agencies
AF	Acre Feet
AMMS	Automated Maintenance Management System
AMR/AMI	Automated Meter Reading/Advanced Metering Infrastructure
APWA	American Public Works Association
ASCE	American Society of Civil Engineers
AWA	Association of Water Agencies of Ventura County
AWWA	American Water Works Association
BMP	Best Management Practice
BNR	Biological Nutrient Removal
CAL-ARP	California Accidental Release Program
CALPERS	California Public Employees Retirement System
CASA	California Association of Sanitations Agencies
CCR	Consumer Confidence Report
CEQA	California Environmental Quality Act
CIP	Capital Improvement Program
CIS	Customer Information System
CIWMB	California Integrated Waste Management Board
COBRA	Consolidated Omnibus Budget Reconciliation Act
COP	Certificates of Participation
CPUC	California Public Utilities Commission
CUPA	Certified Unified Program Agency
CSMFO	California Society of Municipal Finance Officers
CWEA	California Water Environment Association
DCDA	Double Check Detector Assembly
DCS	Distributed Control System
DE	Diatomaceous Earth
DPH	Department of Public Health
DMP	Digital Map Products
DWR	Department of Water Resources
EAP	Emergency Action Plan
EPA	United States Environmental Protection Agency
ERU	Equivalent Residential Unit
FOG	Fats, Oils and Grease disposal
FSA	Flexible Spending Allowance
FTE	Full Time Equivalent
GAAP	Generally Accepted Accounting Principles
GASB	Governmental Accounting Standards Board
Geosmin/MIB	Geosmin/Methylisoborneol
GFOA	Government Finance Officers Association
GIS	Geographical Information Systems
GPCD	Gallons Per Capita Per Day
GPS	Global Positioning System

HAA5	Haloacetic acids five
HCF	Hundred Cubic Feet
HECW	High Efficiency Clothes Washer
HET	High Efficiency Toilet
HOA	Home Owners Association
HVAC	Heating, Ventilation and Air Conditioning
IIP	Infrastructure Investment Plan
IRP	Integrated Resources Plan
IRWMP	Integrated Regional Water Management Plan
JPA	Joint Powers Authority
JPIA	Joint Powers Insurance Authority
LAFCO	Local Agency Formation Commission
LAIF	Local Agency Investment Fund
LIMS	Laboratory Information Management System
LVMWD	Las Virgenes Municipal Water District
LVR	Las Virgenes Reservoir
LVUSD	Las Virgenes Unified School District
MCRC	Malibu Creek Runoff Control Project
MGD	Million gallons per day
MLSS	Mixed Liquor Suspended Solids
MOU	Memorandum of Understanding
MS4	Municipal Separate Storm Sewer System
MTBE/TOC	Methyl Tertiary Butyl Ether/Total Organic Compound
MWD	Metropolitan Water District
NGO	Non Government Organization
NPDES	National Pollution Discharge Elimination System
OSHA	Occupational Safety and Health Administration
PERS	Public Employees Retirement System
PLC	Programmable Logic Controller
POWER	Political Officials for Water and Environmental Reform
PPA	Power Purchase Agreement
PVC	Polyvinylchloride
PW	Potable Water
RAS	Return Activated Sludge
RCPO	Resource Conservation and Public Outreach
RLV	Rancho Las Virgenes
RW	Recycled Water
RWPS	Recycled Water Pump Station
RWQCB	Regional Water Quality Control Board
SCADA	Supervisory Control and Data Acquisition
SCAP	Southern California Association of Publicly-Owned Treatment Works
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SWRCB	State Water Resources Control Board
TEA	Tapia Effluent Alternatives
TMDL	Total Maximum Daily Load

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TSD	Triunfo Sanitation District
TTHM	Total trihalomethanes
ULFT	Ultra Low Flush Toilet
UWMP	Urban Water Management Plan
VFD	Variable Frequency Drive
WBIC	Weather Based Irrigation Controller
WDR	Waste Discharge Requirement
WEF	Water Environment Federation
WRF	Water Reclamation Facility
WTP	Water Treatment Plant

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TRIUNFO SANITATION DISTRICT

VRSD Contract Services

Project Summary - FY 2018 vs. FY 2017 Budget Comparison

Central Administration	Project Number	Adopted FY 17 Budget	Adopted FY 18 Budget	Change	% Change
Administration - Central Admin	121100	\$702,097	\$714,146	\$12,049	2%
Administration - Wastewater Admin	121101	\$181,055	\$177,945	(\$3,110)	-2%
Administration - Special Projects	121103	\$11,648	\$12,996	\$1,348	12%
Administration - JPA - Pure Water Project	121104	\$0	\$23,909	\$23,909	100%
Administration - PW Customer Service	122100	\$249,106	\$231,653	(\$17,453)	-7%
Administration - EPG - OP Water Conservation	122501	\$27,190	\$15,545	(\$11,645)	-43%
Administration - RW Customer Service	123100	\$28,629	\$77,712	\$49,083	171%
Total Central Administration Costs		\$1,199,725	\$1,253,906	\$54,181	5%
<i>Less: Administration - Wastewater Admin</i>	<i>121101</i>	<i>(\$181,055)</i>	<i>(\$177,945)</i>	<i>\$3,110</i>	<i>-2%</i>
<i>Less: Administration - JPA - Pure Water Project</i>	<i>121104</i>	<i>\$0</i>	<i>(\$23,909)</i>	<i>(\$23,909)</i>	<i>100%</i>
<i>Less: Administration - PW Customer Service</i>	<i>122100</i>	<i>(\$249,106)</i>	<i>(\$231,653)</i>	<i>\$17,453</i>	<i>-7%</i>
<i>Less: Administration - EPG - OP Water Conservation</i>	<i>122501</i>	<i>(\$27,190)</i>	<i>(\$15,545)</i>	<i>\$11,645</i>	<i>-43%</i>
<i>Less: Administration - RW Customer Service</i>	<i>123100</i>	<i>(\$28,629)</i>	<i>(\$77,712)</i>	<i>(\$49,083)</i>	<i>171%</i>
Central Administration Total		\$713,745	\$727,142	\$13,397	2%

Wastewater	Project Number	Adopted FY 17 Budget	Adopted FY 18 Budget	Change	% Change
Maintenance	221200	\$114,165	\$115,975	\$1,810	2%
Maintenance - Emergency Callouts	221200E	\$6,240	\$6,360	\$120	2%
Maintenance - Collection System	221201	\$391,700	\$397,799	\$6,099	2%
Maintenance - Collection System - Emergency Callouts	221201E	\$12,540	\$12,750	\$210	2%
Maintenance - N. Shore Tank	221202	\$50,949	\$52,045	\$1,096	2%
Maintenance - N. Shore Tank - Emergency Callouts	221202E	\$1,872	\$1,908	\$36	2%
Maintenance - Manhole Rehab	221203	\$313,375	\$319,027	\$5,652	2%
Maintenance - Preventative	221204	\$69,467	\$72,751	\$3,284	5%
Maintenance - Electrical System and Controls	221206	\$89,992	\$114,916	\$24,924	28%
Maintenance - Bell Canyon - Collection System	221207	\$84,085	\$96,605	\$12,520	15%
Maintenance - Bell Canyon - Preventative	221208	\$14,345	\$26,729	\$12,384	86%
Operations - Administration Field	221300	\$28,400	\$28,900	\$500	2%
Operations	221301	\$95,317	\$96,723	\$1,406	1%
Operations - Emergency Callouts	221301E	\$2,340	\$2,385	\$45	2%
Operations - Bell Canyon	221302	\$13,301	\$13,529	\$228	2%
Operations - Bell Canyon - Administration Field	221303	\$2,990	\$3,050	\$60	2%
Engineering	221400	\$98,942	\$123,848	\$24,906	25%
EPG - Sewer System Management Plan	221500	\$11,920	\$16,660	\$4,740	40%
EPG - Source Control	221501	\$57,605	\$104,150	\$46,545	81%
Total Wastewater Operations Costs		\$1,459,545	\$1,606,110	\$146,565	10%
<i>Add: Administration - Wastewater Admin</i>	<i>121101</i>	<i>\$181,055</i>	<i>\$177,945</i>	<i>(\$3,110)</i>	<i>-2%</i>
<i>Add: Administration - JPA - Pure Water Project</i>	<i>121104</i>	<i>\$0</i>	<i>\$23,909</i>	<i>\$23,909</i>	<i>100%</i>
Wastewater Total		\$1,640,600	\$1,807,964	\$167,364	10%

TRIUNFO SANITATION DISTRICT
VRSD Contract Services
Project Summary - FY 2018 vs. FY 2017 Budget Comparison

Potable Water	Project Number	Adopted FY 17 Budget	Adopted FY 18 Budget	Change	% Change
Maintenance	222200	\$104,760	\$106,040	\$1,280	1%
Maintenance - Preventative	222201	\$142,201	\$144,585	\$2,384	2%
Maintenance - Electrical System and Controls	222202	\$123,614	\$145,010	\$21,396	17%
Maintenance - Coatings & Linings	222203	\$24,632	\$25,096	\$464	2%
Operations	222300	\$318,971	\$321,960	\$2,989	1%
Operations - Emergency Callouts	222300E	\$12,540	\$12,750	\$210	2%
Operations - System Repairs	222301	\$223,056	\$225,710	\$2,654	1%
Operations - PW Customer Service	222302	\$74,814	\$76,398	\$1,584	2%
Operations - PW Customer Service - Emergency Callouts	222302E	\$8,778	\$8,925	\$147	2%
Operations - Fire Hydrants	222303	\$74,638	\$75,974	\$1,336	2%
Operations - Anode Checks/Leak Protection	222304	\$10,995	\$11,255	\$260	2%
Operations - Meter Replacement	222305	\$11,443	\$11,639	\$196	2%
Operations - Customer AMI Training	222307	\$50,040	\$51,120	\$1,080	2%
Engineering	222400	\$71,900	\$72,850	\$950	1%
EPG - Potable Water	222500	\$99,709	\$101,881	\$2,172	2%
EPG - OP Water Conservation	222501	\$99,800	\$72,800	(\$27,000)	-27%
Total Potable Water Operations Costs		\$1,451,891	\$1,463,993	\$12,102	1%
<i>Add: Administration - PW Customer Service</i>	<i>122100</i>	<i>\$249,106</i>	<i>\$231,653</i>	<i>(\$17,453)</i>	<i>-7%</i>
<i>Add: Administration - EPG - OP Water Conservation</i>	<i>122501</i>	<i>\$27,190</i>	<i>\$15,545</i>	<i>(\$11,645)</i>	<i>-43%</i>
Potable Water Total		\$1,728,187	\$1,711,191	(\$16,996)	-1%

Recycled Water	Project Number	Adopted FY 17 Budget	Adopted FY 18 Budget	Change	% Change
Maintenance	223200	\$19,653	\$79,644	\$59,991	305%
Operations	223300	\$69,230	\$69,922	\$692	1%
Operations - Emergency Callouts	223300E	\$3,658	\$3,719	\$61	2%
Total Recycled Water Operations Costs		\$92,541	\$153,285	\$60,744	66%
<i>Add: Administration - RW Customer Service</i>	<i>123100</i>	<i>\$28,629</i>	<i>\$77,712</i>	<i>\$49,083</i>	<i>171%</i>
Recycled Water Total		\$121,170	\$230,997	\$109,827	91%

Capital Projects	Project Number	Adopted FY 17 Budget	Adopted FY 18 Budget	Change	% Change
Capital Projects Total		\$0	\$0	\$0	100%

Project Summary Total		\$4,203,702	\$4,477,294	\$273,592	7%
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VENTURA REGIONAL SANITATION DISTRICT
HOURLY RATES
JULY 1, 2017 THROUGH JUNE 30, 2018

		FY 2017		FY 2018	
<u>CENTRAL ADMINISTRATION</u>					
Div.	Title	Hourly	OT	Hourly	OT
CA	Office Assistant	\$56	\$84	\$57	\$86
CA	Administrative Assistant	\$56	\$84	\$57	\$86
CA	Human Resources Technician	\$56	\$84	\$57	\$86
CA	Fiscal Assistant	\$67	\$101	\$68	\$103
CA	Executive Assistant	\$78	\$117	\$80	\$119
CA	Human Resources Analyst	\$89	\$134	n/a	n/a
CA	Human Resources Administrator	\$89	\$134	\$91	\$136
CA	Human Resources Manager	n/a	n/a	\$91	\$136
CA	Management Analyst	\$97	\$146	\$99	\$148
CA	Accountant	\$97	\$146	\$99	\$148
CA	Senior Accountant	\$97	\$146	\$99	\$148
CA	Senior Management Analyst	\$97	\$146	\$99	\$148
CA	Director of Finance	\$154	\$231	\$157	\$236
CA	General Manager	\$188	\$282	\$192	\$288
<u>OPERATIONS</u>					
Div.	Title	Hourly	OT	Hourly	OT
WWW	Office Assistant	\$56	\$84	\$57	\$86
WWW	Administrative Assistant	\$56	\$84	\$57	\$86
WWW	W/WW Helper	\$55	\$83	\$56	\$84
WWW	W/WW Worker	\$81	\$122	\$83	\$124
WWW	Construction Specialist	\$97	\$146	\$99	\$148
WWW	Electrical/Mechanical Worker	\$104	\$156	\$106	\$159
WWW	W/WW Operator in Training	\$104	\$156	\$106	\$159
WWW	W/WW Treatment Operator I	\$104	\$156	\$106	\$159
WWW	W/WW Treatment Operator II	\$104	\$156	\$106	\$159
WWW	W/WW Treatment Operator III	\$104	\$156	\$106	\$159
WWW	W/WW Treatment Operator IV	\$104	\$156	\$106	\$159
WWW	W/WW Treatment Operator V	\$104	\$156	\$106	\$159
WWW	W/WW Treatment Plant Operator	\$104	\$156	n/a	n/a
WWW	Environmental Resource Analyst	\$112	\$168	\$114	\$171
WWW	Instrumentation Technician	\$114	\$171	\$116	\$174
WWW	Electrical & Instrumentation Control Supervisor	n/a	n/a	\$118	\$177
WWW	W/WW Operations Supervisor	\$116	\$174	\$118	\$177
WWW	W/WW Operations Superintendent	\$131	\$197	\$134	\$200
SW	Solid Waste Worker	\$79	\$119	\$81	\$121
SW	Solid Waste Equipment Operator	\$104	\$156	\$106	\$159
SW	Senior Solid Waste Equipment Operator	\$104	\$156	\$106	\$159
SW	Engineering Technician	\$107	\$161	\$109	\$164
SW	Solid Waste Operations Supervisor	\$113	\$170	\$115	\$173
SW	Engineer	n/a	n/a	\$118	\$177
SW	Senior Engineer	n/a	n/a	\$118	\$177
SW	Senior Engineering Technician	\$116	\$174	\$118	\$177
SW	Director of Operations	\$154	\$231	\$157	\$236

- EMERGENCY CALL OUTS ARE PER PERSON, PORTAL TO PORTAL (3 HOUR MINIMUM).
- OBSERVED VRSD HOLIDAYS WILL BE CHARGED AT DOUBLE TIME (3 HOUR MINIMUM).
- OVERHEAD RATES APPLIED, AS FOLLOWS:

All Other Services: 15%

**VENTURA REGIONAL SANITATION DISTRICT
EQUIPMENT & SUPPLY (CONSUMABLE) RATES
JULY 1, 2017 THROUGH JUNE 30, 2018**

EQUIPMENT	CHARGE					
	Mile	Use	Hour	Day	Week	Month
Air Compressor				\$100		
Airless Sprayer Epic 660E				\$35		
Bulldog Nozzle		\$25				
Chlorine Residuals, Field Tests		\$4				
Coatings & Linings - Hand Tools				\$20		
Coatings & Linings - Power Tools (includes Hand Tools rate)				\$50		
Compressor, Air				\$100		
Computer, Laptop				\$50		
Concrete Mixer				\$50		
Confined Space Tripod/Harness System w/air blower				\$50		
Debris Catcher				\$25		
Digital Manometer		\$1				
Epoxy Injection Machine				\$310		
Fleet Vehicle Use (mileage)	\$1					
Fuel Filtering System				\$55		
Gas Analyzer (GEM)						\$228
Gas Scope (meter)		\$20				
Generator - 2kw				\$25		
Generator - 5kw				\$25		
Generator - 70kw				\$100		
Grunfos Control Box		\$15				
Laptop computer				\$50		
Laser Alignment Equipment				\$75		
Lateral Camera (use = each lateral)		\$100				
Load Bank				\$45		
Locator (or metal detector)				\$25		
Manhole Rehab Equipment = \$65/vertical foot		\$65/vft				
Metal Detector (Locator)				\$25		
Meter - Electrical Conductivity		\$5				
Meter - QED Flow Cell Meter		\$20				
Mule (ATV)						\$280
Oil System				\$40		
Peristolic Pump		\$20				
pH, Field Tests		\$5				
Polymixer						\$130
Portable Hydorrodder				\$375		
Portable Welder				\$20		
Pressure Washer			\$5	\$40		
Pressure Washer - High Pressure/Hot Water				\$55		

**VENTURA REGIONAL SANITATION DISTRICT
EQUIPMENT & SUPPLY (CONSUMABLE) RATES (continued)
JULY 1, 2017 THROUGH JUNE 30, 2018**

EQUIPMENT	CHARGE					
	Mile	Use	Hour	Day	Week	Month
Pulse Air System				\$55		
Pump - 3" Pump				\$40		
Pump - 4" Godwin				\$100	\$560	\$2,250
Pump - 4" Trailer-Mounted Pump				\$60	\$336	\$1,350
Pump - Dewatering Pump (Potable)				\$50	\$150	\$400
Pump - Diaphragm Pump				\$100	\$560	\$2,250
Pump - King Pump				\$100	\$560	\$2,250
Pump - Trash Pump, 6"				\$100	\$560	\$2,250
Pumper Trailer				\$50		
Push Camera				\$75		
Root Saw or Chain Scraper				\$25		
Sampler - Automatic (ISCO)		\$30				
Sandblaster				\$45		
Spec. Small Tools & Equip (includes Gas Tech, Fluke meter, etc)				\$30-\$130		
Sprayer, Airless and Manhole				\$100		
Sprayer, Extreme Airless				\$250		
Test Bench, Water (Ford)						\$250
Traffic Control Items (cones/signs)				\$30		
Vactor with Chase Truck (for traffic control) *			\$75	\$550		
Vactor without Chase Truck *			\$62	\$500		
Vacuum Truck *				\$300		
Vehicle - MULE (all terrain vehicle)						\$280
Vehicle - Standby Truck w/crane, pump, & tank		\$25				
Vehicle or Forklift				\$25		
Vehicle #2106 (Assigned to TSD)						\$578
Vehicle #2107 (Assigned to TSD)						\$600
Vehicle #2122 (Assigned to TSD)						\$1,000
Vehicle #2131 (Assigned to TSD)						\$620
Video Inspection Vehicle (TV Van) *				\$300		
Water line depth sounder		\$2				
Water Trailer (250 Tank)				\$60		
Well Control Box (pump controller-QED)		\$10				

* Hourly/Daily rate does not include fuel surcharge.

SUPPLY (CONSUMABLE)	CHARGE					
	Mile	Use	Hour	Day	Week	Month
Bailers & Disposable supplies (filters)		\$15				
Consumables				\$3		
Float Switch		\$53				
Float Weight		\$10				

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Hours by Classification

Administration Personnel

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
121100	Director of Finance	625	665	40	6.4%
	Executive Assistant	608	628	20	3.3%
	Fiscal Assistant	664	704	40	6.0%
	General Manager	40	40	-	0.0%
	Management Analyst	1,271	378	(893)	-70.3%
	Senior Management Analyst	200	200	-	0.0%
	Accountant	1,248	1,248	-	0.0%
Central Administration (Total)		4,656	3,863	(793)	-17.0%
121101	Director of Finance	40	40	-	0.0%
	Fiscal Assistant	118	118	-	0.0%
	Management Analyst	899	595	(304)	-33.8%
	Accountant	190	190	-	0.0%
WW Administration (Total)		1,247	943	(304)	-24.4%
121103	Administrative Assistant	208	228	20	9.6%
Special Projects (Total)		208	228	20	9.6%
121104	N/A	-	-	-	0.0%
WW Administration - JPA - Pure Water Project (Total)		-	-	-	0.0%
122100	Director of Finance	80	80	-	0.0%
	Fiscal Assistant	2,217	2,362	145	6.5%
	Accountant	40	80	40	100.0%
PW Customer Service (Total)		2,337	2,522	185	7.9%
122501	Fiscal Assistant	290	145	(145)	-50.0%
	Accountant	80	40	(40)	-50.0%
EPG - Oak Park Water Conservation (Total)		370	185	(185)	-50.0%
123100	Director of Finance	5	5	-	0.0%
	Fiscal Assistant	120	120	-	0.0%
	Management Analyst	-	298	298	100.0%
	Accountant	40	40	-	0.0%
RW Customer Service (Total)		165	463	298	180.6%
Administration Total		8,983	8,204	(779)	-8.7%
Total FTEs		4.32	3.94	-0.37	-8.7%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Hours by Classification

Wastewater Personnel

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
221200	WWW Electrical Mechanical Worker	245	245	-	0.0%
	WWW Operations Supervisor	100	100	-	0.0%
	WWW Worker	560	560	-	0.0%
Maintenance (Total)		905	905	-	0.0%
221200E	WWW Electrical Mechanical Worker	40	40	-	0.0%
Maintenance - Emergency Callouts (Total)		40	40	-	0.0%
221201	WWW Worker	2,520	2,520	-	0.0%
	Administrative Assistant	48	48	-	0.0%
	WWW Operations Superintendent	50	50	-	0.0%
	WWW Operations Supervisor	430	430	-	0.0%
Maintenance - Collection System (Total)		3,048	3,048	-	0.0%
221201E	WWW Worker	60	60	-	0.0%
	WWW Operations Supervisor	30	30	-	0.0%
Maintenance - Coll System - Emergency Callouts (Total)		90	90	-	0.0%
221202	WWW Electrical Mechanical Worker	40	40	-	0.0%
	WWW Operations Supervisor	40	40	-	0.0%
	WWW Treatment Operator II	12	12	-	0.0%
	WWW Worker	456	456	-	0.0%
Maintenance - N Shore Tank (Total)		548	548	-	0.0%
221202E	WWW Treatment Operator II	12	12	-	0.0%
Maintenance - N Shore Tank - Emergency Callouts (Total)		12	12	-	0.0%
221203	WWW Worker	2,118	2,118	-	0.0%
	Administrative Assistant	40	40	-	0.0%
	WWW Operations Superintendent	12	12	-	0.0%
	WWW Operations Supervisor	670	670	-	0.0%
Maintenance - Manhole Rehab (Total)		2,840	2,840	-	0.0%
221204	WWW Electrical Mechanical Worker	460	460	-	0.0%
	WWW Operations Supervisor	12	12	-	0.0%
	Administrative Assistant	60	100	40	66.7%
Maintenance - Preventative (Total)		532	572	40	7.5%
221206	Instrumentation Tech	650	650	-	0.0%
	Elec. & Inst. Control Supervisor	-	200	200	100.0%
	WWW Operations Supervisor	12	12	-	0.0%
Maintenance - Electrical System and Controls (Total)		662	862	200	30.2%
221207	WWW Operations Supervisor	40	40	-	0.0%
	Environmental Resource Analyst	-	100	100	100.0%
	WWW Worker	520	520	-	0.0%
Maintenance - Bell Canyon - Collection System (Total)		560	660	100	17.9%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Hours by Classification

Wastewater Personnel (Continued)

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
221208	WWW Electrical Mechanical Worker	76	40	(36)	-47.4%
	Instrumentation Tech	-	36	36	100.0%
	Elec. & Inst. Control Supervisor	-	100	100	100.0%
	WWW Operations Supervisor	36	36	-	0.0%
Maintenance - Bell Canyon - Preventative (Total)		112	212	100	89.3%
221300	Environmental Resource Analyst	100	100	-	0.0%
	WWW Operations Supervisor	100	100	-	0.0%
	Administrative Assistant	100	100	-	0.0%
Operations - Administration Field (Total)		300	300	-	0.0%
221301	WWW Treatment Operator II	300	300	-	0.0%
	WWW Treatment Operator III	295	295	-	0.0%
	WWW Operations Superintendent	40	40	-	0.0%
	WWW Operations Supervisor	48	48	-	0.0%
Operations (Total)		683	683	-	0.0%
221301E	WWW Treatment Operator II	15	15	-	0.0%
Operations - Emergency Callouts (Total)		15	15	-	0.0%
221302	WWW Operations Supervisor	10	10	-	0.0%
	WWW Treatment Operator II	104	104	-	0.0%
Operations - Bell Canyon (Total)		114	114	-	0.0%
221303	Administrative Assistant	30	30	-	0.0%
	WWW Operations Superintendent	10	10	-	0.0%
Operations - Bell Canyon - Administrations Field (Total)		40	40	-	0.0%
221400	Instrumentation Tech	200	200	-	0.0%
	Environmental Resource Analyst	100	300	200	200.0%
	Administrative Assistant	12	24	12	100.0%
	WWW Operations Superintendent	70	70	-	0.0%
	WWW Operations Supervisor	300	300	-	0.0%
Engineering (Total)		682	894	212	31.1%
221500	Environmental Resource Analyst	40	80	40	100.0%
	WWW Operations Superintendent	20	20	-	0.0%
	WWW Operations Supervisor	20	20	-	0.0%
EPG - Sewer System Management Plan (Total)		80	120	40	50.0%
221501	Environmental Resource Analyst	420	820	400	95.2%
	WWW Operations Supervisor	40	40	-	0.0%
	Administrative Assistant	25	25	-	0.0%
EPG - Source Control (Total)		485	885	400	82.5%
Wastewater Total		11,748	12,840	1,092	9.3%
Total FTEs		5.65	6.17	0.53	9.3%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Hours by Classification

Potable Water Personnel

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
222200	Instrumentation Tech	300	300	-	0.0%
	WWW Electrical Mechanical Worker	340	340	-	0.0%
Maintenance (Total)		640	640	-	0.0%
222201	WWW Electrical Mechanical Worker	201	201	-	0.0%
	Instrumentation Tech	268	268	-	0.0%
	Administrative Assistant	36	36	-	0.0%
	WWW Operations Supervisor	36	36	-	0.0%
	WWW Worker	651	651	-	0.0%
	WWW Operations Superintendent	12	12	-	0.0%
Maintenance - Preventative (Total)		1,204	1,204	-	0.0%
222202	WWW Operations Superintendent	10	10	-	0.0%
	WWW Electrical Mechanical Worker	89	89	-	0.0%
	Elec. & Inst. Control Supervisor	-	200	200	100.0%
	Instrumentation Tech	882	846	(36)	-4.1%
Maintenance - Electrical System and Controls (Total)		981	1,145	164	16.7%
222203	WWW Worker	188	188	-	0.0%
	WWW Operations Supervisor	44	44	-	0.0%
Maintenance - Coatings & Linings (Total)		232	232	-	0.0%
222300	Office Assistant	300	150	(150)	-50.0%
	Administrative Assistant	-	100	100	100.0%
	WWW Worker	1,848	1,848	-	0.0%
	WWW Operations Superintendent	234	234	-	0.0%
	WWW Operations Supervisor	570	570	-	0.0%
Operations (Total)		2,952	2,902	(50)	-1.7%
222300E	WWW Worker	60	60	-	0.0%
	WWW Operations Supervisor	30	30	-	0.0%
Operations - Emergency Callouts (Total)		90	90	-	0.0%
222301	Instrumentation Tech	348	348	-	0.0%
	WWW Worker	547	547	-	0.0%
	WWW Operations Superintendent	20	20	-	0.0%
	WWW Operations Supervisor	402	402	-	0.0%
Operations - System Repairs (Total)		1,317	1,317	-	0.0%
222302	Office Assistant	144	144	-	0.0%
	Environmental Resource Analyst	10	10	-	0.0%
	WWW Worker	469	469	-	0.0%
	WWW Operations Superintendent	10	10	-	0.0%
	WWW Operations Supervisor	226	226	-	0.0%
Operations - PW Customer Service (Total)		859	859	-	0.0%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Hours by Classification

Potable Water Personnel (Continued)

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
222302E	WWW Worker	42	42	-	0.0%
	WWW Operations Supervisor	21	21	-	0.0%
Operations - Customer Service - Emergency Callouts (Total)		63	63	-	0.0%
222303	WWW Worker	650	650	-	0.0%
	WWW Operations Supervisor	18	18	-	0.0%
Operations - Fire Hydrants (Total)		668	668	-	0.0%
222304	WWW Operations Supervisor	10	10	-	0.0%
	WWW Worker	120	120	-	0.0%
Operations - Anode Checks/Leak Protection (Total)		130	130	-	0.0%
222305	WWW Worker	80	80	-	0.0%
	WWW Operations Supervisor	18	18	-	0.0%
Operations - Meter Replacement (Total)		98	98	-	0.0%
222307	WWW Worker	360	360	-	0.0%
	WWW Operations Supervisor	180	180	-	0.0%
Operations - Customer AMI Training (Total)		540	540	-	0.0%
222400	Instrumentation Tech	225	225	-	0.0%
	WWW Operations Superintendent	100	100	-	0.0%
	WWW Operations Supervisor	100	100	-	0.0%
Engineering		425	425	-	0.0%
222500	WWW Operations Superintendent	40	40	-	0.0%
	Environmental Resource Analyst	140	140	-	0.0%
	Office Assistant	72	100	28	38.9%
	WWW Operations Supervisor	52	52	-	0.0%
EPG - Potable Water (Total)		304	332	28	9.2%
222501	Environmental Resource Analyst	100	100	-	0.0%
	WWW Worker	560	560	-	0.0%
	Office Assistant	630	120	(510)	-81.0%
	WWW Operations Supervisor	60	60	-	0.0%
EPG - Oak Park Water Conservation (Total)		1,350	840	(510)	-37.8%
Potable Water Total		11,853	11,485	(368)	-3.1%
Total FTEs		5.70	5.52	(0.18)	-3.1%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Hours by Classification

Recycled Water Personnel

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
223200	WWW Electrical Mechanical Worker	50	50	-	0.0%
	WWW Worker	36	236	200	555.6%
	WWW Operations Supervisor	27	27	-	0.0%
	Elec. & Inst. Control Supervisor	-	300	300	100.0%
	WWW Operations Superintendent	5	5	-	0.0%
Maintenance (Total)		118	618	500	423.7%
223300	Environmental Resource Analyst	6	6	-	0.0%
	Office Assistant	12	12	-	0.0%
	WWW Worker	250	250	-	0.0%
	WWW Operations Superintendent	6	6	-	0.0%
	WWW Operations Supervisor	75	75	-	0.0%
Operations (Total)		349	349	-	0.0%
223300E	WWW Worker	20	20	-	0.0%
	WWW Operations Supervisor	7	7	-	0.0%
Operations - Emergency Callouts (Total)		27	27	-	0.0%
Recycled Water Total		494	994	500	101.2%
Total FTEs		0.24	0.48	0.24	101.2%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Hours by Classification

Capital Projects Personnel

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
Capital Projects Total		0	0	0	0.0%
Total FTEs		0.00	0.00	0.00	0.0%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Hours by Classification

<i>Total Contracted FTEs</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
Administration Total	4.32	3.94	-0.37	-8.7%
Wastewater Total	5.65	6.17	0.53	9.3%
Potable Water Total	5.70	5.52	-0.18	-3.1%
Recycled Water Total	0.24	0.48	0.24	101.2%
Capital Projects Total	0.00	0.00	0.00	0.0%
Total FTEs	15.90	16.12	0.21	1.3%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Dollars by Classification

Administration Personnel

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
121100	Director of Finance	96,250	104,405	8,155	8.5%
	Executive Assistant	47,424	50,240	2,816	5.9%
	Fiscal Assistant	44,488	47,872	3,384	7.6%
	General Manager	7,520	7,680	160	2.1%
	Management Analyst	123,287	37,422	(85,865)	-69.6%
	Senior Management Analyst	19,400	19,800	400	2.1%
	Accountant	121,056	123,552	2,496	2.1%
Central Administration (Total)		459,425	390,971	(68,454)	-14.9%
121101	Director of Finance	6,160	6,280	120	1.9%
	Fiscal Assistant	7,906	8,024	118	1.5%
	Management Analyst	87,203	58,905	(28,298)	-32.5%
	Accountant	18,430	18,810	380	2.1%
WW Administration (Total)		119,699	92,019	(27,680)	-23.1%
121103	Administrative Assistant	11,648	12,996	1,348	11.6%
Special Projects (Total)		11,648	12,996	1,348	11.6%
121104	N/A	-	-	-	0.0%
WW Administration - JPA - Pure Water Project (Total)		-	-	-	0.0%
122100	Director of Finance	12,320	12,560	240	1.9%
	Fiscal Assistant	148,539	160,616	12,077	8.1%
	Accountant	3,880	7,920	4,040	104.1%
PW Customer Service (Total)		164,739	181,096	16,357	9.9%
122501	Fiscal Assistant	19,430	9,860	(9,570)	-49.3%
	Accountant	7,760	3,960	(3,800)	-49.0%
EPG - Oak Park Water Conservation (Total)		27,190	13,820	(13,370)	-49.2%
123100	Director of Finance	770	785	15	1.9%
	Fiscal Assistant	8,040	8,160	120	1.5%
	Management Analyst	-	29,502	29,502	100.0%
	Accountant	3,880	3,960	80	2.1%
RW Customer Service (Total)		12,690	42,407	29,717	234.2%
Administration Total		795,391	733,309	(62,082)	-7.8%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Dollars by Classification

Wastewater Personnel

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
221200	WWW Electrical Mechanical Worker	25,480	25,970	490	1.9%
	WWW Operations Supervisor	11,600	11,800	200	1.7%
	WWW Worker	45,360	46,480	1,120	2.5%
Maintenance (Total)		82,440	84,250	1,810	2.2%
221200E	WWW Electrical Mechanical Worker	6,240	6,360	120	1.9%
Maintenance - Emergency Callouts (Total)		6,240	6,360	120	1.9%
221201	WWW Worker	204,120	209,160	5,040	2.5%
	Administrative Assistant	2,688	2,736	48	1.8%
	WWW Operations Superintendent	6,550	6,700	150	2.3%
	WWW Operations Supervisor	49,880	50,740	860	1.7%
Maintenance - Collection System (Total)		263,238	269,336	6,098	2.3%
221201E	WWW Worker	7,320	7,440	120	1.6%
	WWW Operations Supervisor	5,220	5,310	90	1.7%
Maintenance - Coll System - Emergency Callouts (Total)		12,540	12,750	210	1.7%
221202	WWW Electrical Mechanical Worker	4,160	4,240	80	1.9%
	WWW Operations Supervisor	4,640	4,720	80	1.7%
	WWW Treatment Operator II	1,248	1,272	24	1.9%
	WWW Worker	36,936	37,848	912	2.5%
Maintenance - N Shore Tank (Total)		46,984	48,080	1,096	2.3%
221202E	WWW Treatment Operator II	1,872	1,908	36	1.9%
Maintenance - N Shore Tank - Emergency Callouts (Total)		1,872	1,908	36	1.9%
221203	WWW Worker	171,558	175,794	4,236	2.5%
	Administrative Assistant	2,240	2,280	40	1.8%
	WWW Operations Superintendent	1,572	1,608	36	2.3%
	WWW Operations Supervisor	77,720	79,060	1,340	1.7%
Maintenance - Manhole Rehab (Total)		253,090	258,742	5,652	2.2%
221204	WWW Electrical Mechanical Worker	47,840	48,760	920	1.9%
	WWW Operations Supervisor	1,392	1,416	24	1.7%
	Administrative Assistant	3,360	5,700	2,340	69.6%
Maintenance - Preventative (Total)		52,592	55,876	3,284	6.2%
221206	Instrumentation Tech	74,100	75,400	1,300	1.8%
	Elec. & Inst. Control Supervisor	-	23,600	23,600	100.0%
	WWW Operations Supervisor	1,392	1,416	24	1.7%
Maintenance - Electrical System and Controls (Total)		75,492	100,416	24,924	33.0%
221207	WWW Operations Supervisor	4,640	4,720	80	1.7%
	Environmental Resource Analyst	-	11,400	11,400	100.0%
	WWW Worker	42,120	43,160	1,040	2.5%
Maintenance - Bell Canyon - Collection System (Total)		46,760	59,280	12,520	26.8%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Dollars by Classification

Wastewater Personnel (Continued)

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
221208	WWW Electrical Mechanical Worker	7,904	4,240	(3,664)	-46.4%
	Instrumentation Tech	-	4,176	4,176	100.0%
	Elec. & Inst. Control Supervisor	-	11,800	11,800	100.0%
	WWW Operations Supervisor	4,176	4,248	72	1.7%
Maintenance - Bell Canyon - Preventative (Total)		12,080	24,464	12,384	102.5%
221300	Environmental Resource Analyst	11,200	11,400	200	1.8%
	WWW Operations Supervisor	11,600	11,800	200	1.7%
	Administrative Assistant	5,600	5,700	100	1.8%
Operations - Administration Field (Total)		28,400	28,900	500	1.8%
221301	WWW Treatment Operator II	31,200	31,800	600	1.9%
	WWW Treatment Operator III	30,680	31,270	590	1.9%
	WWW Operations Superintendent	5,240	5,360	120	2.3%
	WWW Operations Supervisor	5,568	5,664	96	1.7%
Operations (Total)		72,688	74,094	1,406	1.9%
221301E	WWW Treatment Operator II	2,340	2,385	45	1.9%
Operations - Emergency Callouts (Total)		2,340	2,385	45	1.9%
221302	WWW Operations Supervisor	1,160	1,180	20	1.7%
	WWW Treatment Operator II	10,816	11,024	208	1.9%
Operations - Bell Canyon (Total)		11,976	12,204	228	1.9%
221303	Administrative Assistant	1,680	1,710	30	1.8%
	WWW Operations Superintendent	1,310	1,340	30	2.3%
Operations - Bell Canyon - Administrations Field (Total)		2,990	3,050	60	2.0%
221400	Instrumentation Tech	22,800	23,200	400	1.8%
	Environmental Resource Analyst	11,200	34,200	23,000	205.4%
	Administrative Assistant	672	1,368	696	103.6%
	WWW Operations Superintendent	9,170	9,380	210	2.3%
	WWW Operations Supervisor	34,800	35,400	600	1.7%
Engineering (Total)		78,642	103,548	24,906	31.7%
221500	Environmental Resource Analyst	4,480	9,120	4,640	103.6%
	WWW Operations Superintendent	2,620	2,680	60	2.3%
	WWW Operations Supervisor	2,320	2,360	40	1.7%
EPG - Sewer System Management Plan (Total)		9,420	14,160	4,740	50.3%
221501	Environmental Resource Analyst	47,040	93,480	46,440	98.7%
	WWW Operations Supervisor	4,640	4,720	80	1.7%
	Administrative Assistant	1,400	1,425	25	1.8%
EPG - Source Control (Total)		53,080	99,625	46,545	87.7%
Wastewater Total		1,112,864	1,259,428	146,564	13.2%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Dollars by Classification

Potable Water Personnel

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
222200	Instrumentation Tech	34,200	34,800	600	1.8%
	WWW Electrical Mechanical Worker	35,360	36,040	680	1.9%
Maintenance (Total)		69,560	70,840	1,280	1.8%
222201	WWW Electrical Mechanical Worker	20,904	21,306	402	1.9%
	Instrumentation Tech	30,552	31,088	536	1.8%
	Administrative Assistant	2,016	2,052	36	1.8%
	WWW Operations Supervisor	4,176	4,248	72	1.7%
	WWW Worker	52,731	54,033	1,302	2.5%
	WWW Operations Superintendent	1,572	1,608	36	2.3%
Maintenance - Preventative (Total)		111,951	114,335	2,384	2.1%
222202	WWW Operations Superintendent	1,310	1,340	30	2.3%
	WWW Electrical Mechanical Worker	9,256	9,434	178	1.9%
	Elec. & Inst. Control Supervisor	-	23,600	23,600	100.0%
	Instrumentation Tech	100,548	98,136	(2,412)	-2.4%
Maintenance - Electrical System and Controls (Total)		111,114	132,510	21,396	19.3%
222203	WWW Worker	15,228	15,604	376	2.5%
	WWW Operations Supervisor	5,104	5,192	88	1.7%
Maintenance - Coatings & Linings (Total)		20,332	20,796	464	2.3%
222300	Office Assistant	16,800	8,550	(8,250)	-49.1%
	Administrative Assistant	-	5,700	5,700	100.0%
	WWW Worker	149,688	153,384	3,696	2.5%
	WWW Operations Superintendent	30,654	31,356	702	2.3%
	WWW Operations Supervisor	66,120	67,260	1,140	1.7%
Operations (Total)		263,262	266,250	2,988	1.1%
222300E	WWW Worker	7,320	7,440	120	1.6%
	WWW Operations Supervisor	5,220	5,310	90	1.7%
Operations - Emergency Callouts (Total)		12,540	12,750	210	1.7%
222301	Instrumentation Tech	39,672	40,368	696	1.8%
	WWW Worker	44,307	45,401	1,094	2.5%
	WWW Operations Superintendent	2,620	2,680	60	2.3%
	WWW Operations Supervisor	46,632	47,436	804	1.7%
Operations - System Repairs (Total)		133,231	135,885	2,654	2.0%
222302	Office Assistant	8,064	8,208	144	1.8%
	Environmental Resource Analyst	1,120	1,140	20	1.8%
	WWW Worker	37,989	38,927	938	2.5%
	WWW Operations Superintendent	1,310	1,340	30	2.3%
	WWW Operations Supervisor	26,216	26,668	452	1.7%
Operations - PW Customer Service (Total)		74,699	76,283	1,584	2.1%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Dollars by Classification

Potable Water Personnel (Continued)

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
222302E	WWW Worker	5,124	5,208	84	1.6%
	WWW Operations Supervisor	3,654	3,717	63	1.7%
Operations - Customer Service - Emergency Callouts (Total)		8,778	8,925	147	1.7%
222303	WWW Worker	52,650	53,950	1,300	2.5%
	WWW Operations Supervisor	2,088	2,124	36	1.7%
Operations - Fire Hydrants (Total)		54,738	56,074	1,336	2.4%
222304	WWW Operations Supervisor	1,160	1,180	20	1.7%
	WWW Worker	9,720	9,960	240	2.5%
Operations - Anode Checks/Leak Protection (Total)		10,880	11,140	260	2.4%
222305	WWW Worker	6,480	6,640	160	2.5%
	WWW Operations Supervisor	2,088	2,124	36	1.7%
Operations - Meter Replacement (Total)		8,568	8,764	196	2.3%
222307	WWW Worker	29,160	29,880	720	2.5%
	WWW Operations Supervisor	20,880	21,240	360	1.7%
Operations - Customer AMI Training (Total)		50,040	51,120	1,080	2.2%
222400	Instrumentation Tech	25,650	26,100	450	1.8%
	WWW Operations Superintendent	13,100	13,400	300	2.3%
	WWW Operations Supervisor	11,600	11,800	200	1.7%
Engineering		50,350	51,300	950	1.9%
222500	WWW Operations Superintendent	5,240	5,360	120	2.3%
	Environmental Resource Analyst	15,680	15,960	280	1.8%
	Office Assistant	4,032	5,700	1,668	41.4%
	WWW Operations Supervisor	6,032	6,136	104	1.7%
EPG - Potable Water (Total)		30,984	33,156	2,172	7.0%
222501	Environmental Resource Analyst	11,200	11,400	200	1.8%
	WWW Worker	45,360	46,480	1,120	2.5%
	Office Assistant	35,280	6,840	(28,440)	-80.6%
	WWW Operations Supervisor	6,960	7,080	120	1.7%
EPG - Oak Park Water Conservation (Total)		98,800	71,800	(27,000)	-27.3%
Potable Water Total		1,109,827	1,121,928	12,101	1.1%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Dollars by Classification

Recycled Water Personnel

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
223200	WWW Electrical Mechanical Worker	5,200	5,300	100	1.9%
	WWW Worker	2,916	19,588	16,672	571.7%
	WWW Operations Supervisor	3,132	3,186	54	1.7%
	Elec. & Inst. Control Supervisor	-	35,400	35,400	100.0%
	WWW Operations Superintendent	655	670	15	2.3%
Maintenance (Total)		11,903	64,144	52,241	438.9%
223300	Environmental Resource Analyst	672	684	12	1.8%
	Office Assistant	672	684	12	1.8%
	WWW Worker	20,250	20,750	500	2.5%
	WWW Operations Superintendent	786	804	18	2.3%
	WWW Operations Supervisor	8,700	8,850	150	1.7%
Operations (Total)		31,080	31,772	692	2.2%
223300E	WWW Worker	2,440	2,480	40	1.6%
	WWW Operations Supervisor	1,218	1,239	21	1.7%
Operations - Emergency Callouts (Total)		3,658	3,719	61	1.7%
Recycled Water Total		46,641	99,635	52,994	113.6%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Dollars by Classification

Capital Projects Personnel

<i>Project Number</i>	<i>Classification</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
Capital Projects Total		0	0	0	0.0%

TRIUNFO SANITATION DISTRICT

VRSD Contract Labor Estimate - Dollars by Classification

<i>Total Contracted Labor Dollars</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>Change</i>	<i>%Change</i>
Administration Total	795,391	733,309	-62,082	-7.8%
Wastewater Total	1,112,864	1,259,428	146,564	13.2%
Potable Water Total	1,109,827	1,121,928	12,101	1.1%
Recycled Water Total	46,641	99,635	52,994	113.6%
Capital Projects Total	0	0	0	-
Total	3,064,723	3,214,300	149,577	4.9%

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Central Administration

Project 121100 - Administration – Central Admin

FY17 \$702,097	FY18 \$714,146	\$12,049 Increase (+2%)
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This budget provides funding for management, accounting, investment, fiscal, and administration support. It includes \$1,725 for the TSD General Manager's conference attendance. It also includes professional services and general administrative expenses.

Cost Analysis: This increase includes additional TSD General Manager services (\$15,939), contract services from The PRD Group (\$56,974), and miscellaneous expenses (\$7,590), as well as a 793 hour decrease in staff time.

Project 121101 - Administration – Wastewater Admin

FY17 \$181,055	FY18 \$177,945	\$3,110 Decrease (-2%)
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This budget provides funding for sewer service administration, management, and customer service support.

Cost Analysis: This decrease includes increases to contract services from The PRD Group (\$17,250) and Debra West (\$7,320), as well as a 304 hour decrease in staff time.

Project 121103 - Administration – Special Projects

FY17 \$11,648	FY18 \$12,996	\$1,348 Increase (+12%)
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This budget provides for Twitter and Facebook.

Cost Analysis: The cost increase includes an additional 20 hours of staff time.

Project 121104 - Administration – JPA – Pure Water Project

FY17 \$0	FY18 \$23,909	\$23,909 Increase (+100%)
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This budget provides for enhancing Potable Water supply by converting Recycled Water to drinking water.

Cost Analysis: This project is new in Fiscal Year 2018.

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Central Administration (Continued)

Project 122100 - Administration – PW Customer Service

FY17 \$249,106	FY18 \$231,653	\$17,453 Decrease (-7%)
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This budget provides funding for potable water administration, management and customer service support. It also includes other operating services and general administrative expenses.

Cost Analysis: This includes increases to The PRD Group (\$9,200), Debra West (\$5,290), and staff time (185 hours), as well as elimination of Mail Manager (now a direct cost to TSD).

Project 122501 – Administration – EPG – OP Water Conservation

FY17 \$27,190	FY18 \$15,545	\$11,645 Decrease (-43%)
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This budget provides funding for customer calls regarding water allocation, exceedances, the customer portal, and violation letters.

Cost Analysis: This includes a \$1,725 increase in miscellaneous expenses and a 185 hour decrease in staff time.

Project 123100 – Administration – RW Customer Service

FY17 \$28,629	FY18 \$77,712	\$49,083 Increase (+171%)
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This budget provides funding for recycled water administration, management and customer service support.

Cost Analysis: This includes increases to The PRD Group (\$14,076) and Debra West (\$5,290), as well as an additional 298 hours of staff time.

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Wastewater

Project 221200 – WW – Maintenance

FY17 \$114,165	FY18 \$115,975	\$1,810 Increase (+2%)
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This budget provides funding for major mechanical repairs of the lift stations due to pump failure or larger repairs identified during the preventative maintenance programs

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 221200E – WW – Maintenance – Emergency Callouts

FY17 \$6,240	FY18 \$6,360	\$120 Increase (+2%)
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This budget provides funding for emergency call outs and overtime.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 221201 – WW – Maintenance – Collection System

FY17 \$391,700	FY18 \$397,799	\$6,099 Increase (+2%)
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This budget provides funding for sewer mainline cleaning, CCTV inspection, and hot spot cleaning. It also includes GIS maintenance mapping and system updates.

Cost Analysis: This cost increase is due to increased labor hourly rates.

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

FY17 \$12,540	FY18 \$12,750	\$210 Increase (+2%)
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This budget provides funding for emergency call-outs as required.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Wastewater (Continued)

Project 221202 – WW – Maintenance – N. Shore Tank

FY17 \$50,949	FY18 \$52,045	\$1,096 Increase (+2%)
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This budget provides funding for maintenance of the North Shore Step System. Work includes solids removal from tanks, system inspection, maintenance, and repair. This work is being done in an effort to prevent system failure (i.e., spills).

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 221202E – WW – Maintenance – N. Shore Tank – Emergency Callouts

FY17 \$1,872	FY18 \$1,908	\$36 Increase (+2%)
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This budget provides funding for emergency call-outs as required.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 221203 – WW – Maintenance – Manhole Rehab

FY17 \$313,375	FY18 \$319,027	\$5,652 Increase (+2%)
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This budget provides funding for inspection, maintenance, and repair of manholes.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 221204 – WW – Maintenance – Preventative

FY17 \$69,467	FY18 \$72,751	\$3,284 Increase (+5%)
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This budget provides funding for ongoing work order generation and updating of data files associated with the computerized preventative maintenance (PM) program. This program encompasses all of the 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.

Cost Analysis: This cost increase is due to additional staff hours (40) to adjust for changes made to the CIP schedule.

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Wastewater (Continued)

Project 221206 – WW – Maintenance – Electrical System and Controls

FY17 \$89,992	FY18 \$114,916	\$24,924 Increase (+28%)
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This budget provides funding for the set-up, programming, operation, maintenance, and repair of the Wastewater electrical systems. The Wastewater electrical system includes a SCADA system that is not fully implemented and will not currently allow remote monitoring. The goal for FY18 is to continue to upgrade components as necessary in order to have the system report all operational data and allow for remote viewing and control.

The FY2015 Electrical Systems and Controls budget was increased to upgrade electrical controls and program the system to allow for remote monitoring and control. At the end of FY2017, 50% of the upgrades will be complete and staff anticipates upgrades to continue for two years.

Cost Analysis: This cost increase is due to additional staff hours (200). Supervisor hours have been added for project management and arc flash surveys.

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

FY17 \$84,085	FY18 \$96,905	\$12,520 Increase (+15%)
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This budget provides funding for sewer line cleaning and CCTV inspection. It also provides for GIS maintenance mapping updates.

Cost Analysis: This cost increase is due to additional staff hours (100) necessary to provide services to houses converting to a grinder system.

Project 221208 – WW – Maintenance – Bell Canyon – Preventative

FY 17 \$14,345	FY18 \$26,729	\$12,384 Increase (+86%)
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This budget provides funding for ongoing work order generation, preventative maintenance work activities, and updating of data files. This program encompasses all of the 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.

Cost Analysis: This cost increase is due to additional staff hours (100) for additional preventative maintenance as a result of CIP schedule adjustments.

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Wastewater (Continued)

Project 221300 – WW – Operations – Administration Field

FY17 \$28,400	FY18 \$28,900	\$500 Increase (+2%)
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This budget provides funding for administrative support for planning and permitting. This budget also covers customer service regarding the wastewater system.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 221301 – WW – Operations

FY17 \$95,317	FY18 \$96,723	\$1,406 Increase (+1%)
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This budget provides funding for the overall operation of all of the wastewater lift stations including staff, operating supplies, utilities, and permit fees.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 221301E – WW – Operations – Emergency Callouts

FY17 \$2,340	FY18 \$2,385	\$45 Increase (+2%)
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This budget provides funding for emergency call outs and overtime work, as required.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 221302 – WW – Operations – Bell Canyon

FY17 \$13,301	FY18 \$13,529	\$228 Increase (+2%)
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This budget provides funding for the overall operation of Bell Canyon lift station including staff, operating supplies, utilities, and permit fees.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Wastewater (Continued)

Project 221303 – WW – Operations – Bell Canyon – Administration Field

FY17 \$2,990 FY18 \$3,050 \$60 Increase (+2%)

This budget provides funding for administrative support for planning and permitting.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 221400 – WW – Engineering

FY17 \$98,942 FY18 \$123,848 \$24,906 Increase (+25%)

This budget provides funding for general engineering support including review and inspection of County, City, and homeowner projects, as well as special projects such as energy efficiency analysis of the wastewater pumps. This budget provides for continued inspection of the sewer main installation in the Lake Sherwood development. This work covers planning and plan checks that are required for new connections.

Cost Analysis: This cost increase is due to additional staff hours (212) for grease trap inspections and plan reviews.

Project 221500 – WW – EPG – Sewer System Management Plan

FY17 \$11,920 FY18 \$16,660 \$4,740 Increase (+40%)

This budget provides funding for the review, update and training associated with the Sewer System Management Plan (SSMP). This budget also pays for the monthly CWIQS reporting.

Cost Analysis: This cost increase is due to additional staff hours (40) for review and recertification of the SSMP.

Project 221501 – WW – EPG – Source Control

FY17 \$57,605 FY18 \$104,150 \$46,545 Increase (+81%)

This budget provides funding for inspection and public outreach to industrial facilities and restaurants to ensure compliance with the pre-treatment ordinance. This budget provides for fixture counts, audits, and dental office pretreatment.

Cost Analysis: This cost increase is due to additional staff hours (400), which were budgeted in 121101 during FY17.

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Potable Water

Project 222200 – PW – Maintenance

FY17 \$104,760	FY18 \$106,040	\$1,280 Increase (+1%)
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This budget provides funding for major mechanical repairs of booster pump stations due to pump failure or larger repairs identified during the preventative maintenance programs. This budget also includes material costs for major pump repairs at the Lindero Pump Station.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 222201 – PW – Maintenance – Preventative

FY17 \$142,201	FY18 \$144,585	\$2,384 Increase (+2%)
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This program encompasses all of the booster pump 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.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 222202 – PW – Maintenance – Electrical System and Controls

FY17 \$123,614	FY18 \$145,010	\$21,396 Increase (+17%)
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This budget provides funding for the set-up, programming, operation, and maintenance, of the Potable Water electrical and control systems. In order to provide for remote monitoring of the Potable Water system, additional improvements of the systems are required. The goal for FY18 is to complete the upgrades, allowing for remote viewing and some control.

At the end of FY2017, 50% of the upgrades will be complete and staff anticipates upgrades to continue for three years.

Cost Analysis: This cost increase is due to additional staff hours (164). Supervisor hours have been added for project management and arc flash surveys.

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Potable Water (Continued)

Project 222203 – PW – Maintenance – Coatings & Linings

FY17 \$24,632	FY18 \$25,096	\$464 Increase (+2%)
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This budget provides funding for coatings and corrosion control of water system related equipment, appurtenances and other facilities. This includes PRV stations, structures, tank sites, booster pumps stations, etc.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 222300 – PW – Operations

FY17 \$318,971	FY18 \$321,960	\$2,989 Increase (+1%)
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This budget provides funding for the overall Oak Park Water System operation including staff, operating supplies, utilities, and permit fees.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 222300E – PW – Operations – Emergency Callouts

FY17 \$12,540	FY18 \$12,750	\$210 Increase (+2%)
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This budget pays for emergency call outs and overtime work, as required.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 222301 – PW – Operations – System Repairs

FY17 \$223,056	FY18 \$225,710	\$2,654 Increase (+1%)
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This budget provides funding for the repair and maintenance of the water distribution system. Routine maintenance includes servicing valves, blow offs, air-vacs, and Cla-valves maintenance. This budget also covers the repair of leaks and line breaks.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Potable Water (Continued)

Project 222302 – PW – Operations – Customer Service

FY17 \$74,814	FY18 \$76,398	\$1,584 Increase (+2%)
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This budget provides funding for all customer-related activities covered by the field staff. This includes: on-off meter reads for customers that are moving in and out of a residence, posting shut-off notices, investigating high bill inquiries, troubleshooting customer's water service when they have low water pressure, shut-off service for non-payment, and turning service back on when payment is made.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 222302E – PW – Operations – Customer Service – Emergency Callouts

FY17 \$8,778	FY18 \$8,925	\$147 Increase (+2%)
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This budget pays for emergency call outs and overtime work as required.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 222303 – PW – Operations – Fire Hydrant

FY17 \$74,638	FY18 \$75,974	\$1,336 Increase (+2%)
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This budget provides funding for fire hydrant maintenance. Work includes lubricating, exercising, and painting, the caps and valves. This budget also includes funding for 12 replacement hydrants that have exceeded their service life.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 222304 – PW – Operations – Anode Checks/Leak Protection

FY17 \$10,995	FY18 \$11,255	\$260 Increase (+2%)
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This budget provides funding for inspection of potable water services in the system with a listening device to search for service line leaks.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Potable Water (Continued)

Project 222305 – PW – Operations – Meter Replacement

FY17 \$11,443	FY18 \$11,639	\$196 Increase (+2%)
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This budget provides funding for labor and supplies necessary for replacement of water meters that are not working properly.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 222307 – PW – Operations – Customer AMI Training

FY17 \$50,040	FY18 \$51,120	\$1,080 Increase (+2%)
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This budget provides funding for staff to assist customers in understanding meters for utility billing, leak detection, and tracking consumption.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 222400 – PW – Engineering

FY17 \$71,900	FY18 \$72,850	\$950 Increase (+1%)
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This budget provides funding for an SCE efficiency study on our pumps, GIS updates to our system, and general engineering support on small projects, as needed. The efficiency study is part of a 5-cycle and will be completed during FY18.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 222500 – PW – EPG – Potable Water

FY17 \$99,709	FY18 \$101,881	\$2,172 Increase (+2%)
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This budget provides funding for the laboratory testing, continuing the update of the Urban Water Management Plan, and regulatory report preparation of the water system, as required by the Department of Public Health.

Cost Analysis: This cost increase is due to additional staff hours (28) for new water loss reporting Unregulated Contaminant Monitoring Rule 4 (UCMR4) sampling.

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Potable Water (Continued)

Project 222501 – PW – EPG – OP Water Conservation

FY17 \$99,800

FY18 \$72,800

\$27,000 Decrease (-27%)

This budget provides funding for the continued implementation of Oak Park Water's Water Waste Ordinance. This program is staffed for three hours each week to look for water waste violations and provide customer awareness, as necessary. The water conservation hotline provides customers with conservation information. This budget also includes staff time to conduct water surveys to help customers with water conservation at their homes and to prepare updates to the board regarding how Oak Park Water's water use compares to conservation goals.

Cost Analysis: This decrease is due to a reduction in staff hours (510), resulting from an anticipated reduction in overall water conservation efforts (i.e. improved drought picture, rescinding Stage 1).

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Reclaimed Water

Project 223200 – RW – Maintenance

FY17 \$19,653 FY18 \$79,644 \$59,991 Increase (+305%)

This program encompasses all of the RW booster pump station and the mechanical and electrical equipment within the station. This program will assist staff in identifying potential problems and allow for repair of equipment before breakdown. This budget is also based upon historical data received from Calleguas.

Cost Analysis: This cost increase is due to purchase of the new reclaimed water system. It includes additional staff hours (500), tools (\$1,000), mileage (\$1,000), and oil and other miscellaneous parts (\$5,750).

Project 223300 – RW – Operations

FY17 \$69,230 FY18 \$69,922 \$692 Increase (+1%)

This budget provides funding for the operation of the reclaimed water system. This includes meter reading, valve exercising, blow off and Cla-valve maintenance. Also included are reclaimed water audits and regulatory reporting.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Project 223300E – RW – Operations – Emergency Callouts

FY17 \$3,658 FY18 \$3,719 \$61 Increase (2%)

This budget pays for staff to respond to emergency situations in the reclaimed water system.

Cost Analysis: This cost increase is due to increased labor hourly rates.

Triunfo Sanitation District
FY2018 Budget Report
FY2018 Adopted Budget vs. FY2017 Adopted Budget
VRSD Contract Services Cost Analysis by Project

Capital Projects

VRSD Contract Services are not currently budgeted within Capital Projects. Staff will present potential VRSD Contract Services related to Capital Projects to the TSD Board for approval.

TRIUNFO SANITATION DISTRICT
FISCAL YEAR 2018 BUDGET SUMMARY
VRSD Contract Expenses by Category

VRSD Contract Categories	FY 2017 Budget	FY 2018 Budget	Change	% Change
Labor	3,064,723	3,214,300	149,577	4.9%
Supplies	174,607	176,757	2,150	1.2%
Services	156,128	156,128	-	0.0%
Permits & Fees	4,439	4,439	-	0.0%
General Administrative	62,025	26,642	(35,383)	-57.0%
Laboratory Services	73,600	73,600	-	0.0%
Other Professional Services	422,570	577,818	155,248	36.7%
Fleet Vehicles/Equipment	245,611	247,611	2,000	0.8%
	4,203,702	4,477,294	\$273,592	6.5%

TRIUNFO SANITATION DISTRICT

FISCAL YEAR 2018 BUDGET SUMMARY

MEMBERSHIP DUES, CONFERENCES & SEMINARS

Description	Unit (s)	Cost per Unit	Total Cost
California Special Districts Association (CSDA) Membership Dues	1	6,800	6,800
Ventura County Special Districts Association (VCSDA) Membership Dues	1	150	150
Miscellaneous Membership Dues	12	90	1,080
Total Central Administration Membership Dues Expense:			<u>\$8,030</u>
CSDA Conference Registration: 2 Members x 1 Event @ \$750/Event	2	750	1,500
CSDA Lodging: 2 Members x 1 Event x 3 Nights @ \$220/Night	6	220	1,320
CSDA Mileage: 2 Members x 1 Event	2	350	700
CSDA Per Diem: 2 Members x 1 Event x 4 Days @ \$80/Day	8	80	640
Total CSDA Conference Expense:			<u>\$4,160</u>
TBD: Conference Registration: 5 Events @ \$1,000/Event	5	1,000	5,000
Total TBD Conferences & Seminars Expense:			<u>\$5,000</u>
Total Central Administration Membership Dues, Conferences & Seminars Expense:			<u>\$17,190</u>
<hr/>			
California Association of Sanitation Agencies (CASA) Membership Dues	1	13,498	13,498
Total Wastewater Membership Dues:			<u>\$13,498</u>
CASA Conference Registration: 3 Members x 3 Events @ \$475/Event	9	475	4,275
CASA Lodging: 3 Members x 3 Events x 3 Nights @ \$220/Night	27	220	5,940
CASA Mileage: 3 Members x 3 Events	9	122	1,098
CASA Per Diem: 3 Members x 3 Events x 4 Days @ \$80/Day	36	80	2,880
Total CASA Conference Expense:			<u>\$14,193</u>
ACWA Conference Registration: 3 Members x 2 Events @ \$695/Event	6	695	4,170
ACWA Extra Event: 3 Members x 1 Event @ \$200/Event	3	200	600
ACWA Lodging: 3 Members x 2 Events x 3 Nights @ \$220/Night	18	220	3,960
ACWA Mileage: 3 Members x 2 Events	6	70	420
ACWA Per Diem: 3 Members x 2 Events x 4 Days @ \$80/Day	24	80	1,920
Total ACWA Conference Expense:			<u>\$11,070</u>
Total Wastewater Membership Dues, Conferences & Seminars Expense:			<u>\$38,761</u>
<hr/>			
Association of California Water Agencies (ACWA) Membership Dues	1	2,700	2,700
California Rural Water Association (CRWA) Membership Dues	1	1,060	1,200
California Urban Water Conservation Council (CUWCC) Membership Dues	1	2,645	2,645
Total Potable Water Membership Dues:			<u>6,545</u>
Total Potable Water Membership Dues, Conferences & Seminars Expense:			<u>\$6,545</u>
<hr/>			
Water Re-use Membership Dues	1	900	900
Total Recycled Water Membership Dues:			<u>900</u>
Total Recycled Water Membership Dues, Conferences & Seminars Expense:			<u>\$900</u>
Total District Membership Dues, Conferences & Seminars Expense:			<u>\$63,396</u>

TRIUNFO SANITATION DISTRICT
DEBT SERVICE
FISCAL YEAR 2018

OUTSTANDING DEBT SERVICE SUMMARY

	Potable Water <i>Loan #2222900</i>	Potable Water (97.73%) <i>Loan #2222901</i>	Recycled Water (2.27%) <i>Loan #2222901</i>	Recycled Water <i>Loan #434672.1</i>	Recycled Water (Taxable) <i>Loan #434672.1</i>	Combined Loan Amount
Original Loan Amount	\$7,760,000	\$2,477,456	\$57,545	\$9,849,000	1,876,000.00	\$20,144,000
Interest Rate	5.00%	3.24%	3.24%	2.74%	4.39%	n/a
Due Dates	Aug and Feb	Nov and May	Nov and May	Aug and Feb	Aug and Feb	n/a
Lender	[1]	[1]	[1]	[1]	[1]	
Balance Due as of June 30, 2017	\$6,129,356	\$2,072,641	\$48,142	\$9,849,000	\$1,876,000	\$19,975,139
Principal Payment through June 30, 2018	\$318,545	\$143,847	\$3,341	\$538,858	\$90,680	\$1,095,271
Interest Payment through June 30, 2018	\$283,170	\$65,998	\$1,533	\$266,488	\$81,372	\$698,561
Balance Due as of June 30, 2018	\$5,810,811	\$1,928,794	\$44,801	\$9,310,142	\$1,785,320	\$18,879,868

Notes:

[1] Lender: Bank of America

Additional Information

<u>Loan #2222900</u>	Description:	Construction of Conifer Tank
	Term:	August 2011- February 2031
<u>Loan #2222901</u>	Description:	Acquisition and installation of Advanced Metering Infrastructure
	Term:	November 2014 - May 2029
	Original Loan Amount:	\$2,535,000.00
<u>Loan #434672.1</u>	Description:	Purchase of Recycled Water System from CMWD
	Term:	August 2017 - February 2032
	Original Loan Amount:	\$11,725,000.00

TRIUNFO SANITATION DISTRICT
FISCAL YEAR 2018 BUDGET SUMMARY
RESERVE ANALYSIS

Description	Actual FY 2015 Yearend	Actual FY 2016 Yearend	Adopted FY 2017 Budget	Estimated FY 2017 Yearend	Adopted FY 2018 Budget
<u>WASTEWATER DIVISION</u>					
Restricted reserves:					
Prepaid connection and inspection fees for Lake Sherwood Development	666,373	666,373	666,373	666,373	666,373
Total restricted reserves	666,373	666,373	666,373	666,373	666,373
Committed reserves:					
Capital improvement fund	-	-	480,000	1,130,000	480,000
Total committed reserves	-	-	480,000	1,130,000	480,000
Assigned reserves:					
Operating fund	7,334,932	7,558,039	5,230,069	6,919,331	5,328,323
Total assigned reserves	7,334,932	7,558,039	5,230,069	6,919,331	5,328,323
Total reserve level balance	\$8,001,305	\$8,224,412	\$6,376,442	\$8,715,704	\$6,474,696
<u>POTABLE WATER DIVISION</u>					
Restricted reserves:					
Customer deposits	39,030	-	-	-	40,260
Conifer tank debt service obligation	602,000	107,703	519,539	(68,382)	602,000
Total restricted reserves	641,030	107,703	519,539	(68,382)	642,260
Committed reserves:					
Capital improvement fund	-	-	-	-	616,000
Total committed reserves	-	-	-	-	616,000
Assigned reserves:					
Operating fund	114,351	-	-	-	721,154
Total assigned reserves	114,351	-	-	-	721,154
Total reserve level balance	\$755,381	\$107,703	\$519,539	(\$68,382)	\$1,979,414
<u>RECYCLED WATER DIVISION</u>					
Total restricted reserves	-	-	-	-	-
Committed reserves:					
Capital improvement fund	-	-	250,000	250,000	250,000
Total committed reserves	-	-	250,000	250,000	250,000
Assigned reserves:					
Operating fund	1,512,203	1,723,160	318,543	1,703,368	1,876,541
Total assigned reserves	1,512,203	1,723,160	318,543	1,703,368	1,876,541
Total reserve level balance	\$1,512,203	\$1,723,160	\$568,543	\$1,953,368	\$2,126,541
<u>CONSOLIDATED</u>					
Restricted reserves:	1,307,403	774,076	1,185,912	597,991	1,308,633
Committed reserves:	-	-	730,000	1,380,000	1,346,000
Assigned reserves:	8,961,486	9,281,199	5,548,612	8,622,699	7,926,019
Total reserve level balance	\$10,268,889	\$10,055,275	\$7,464,524	\$10,600,690	\$10,580,652

Budget Glossary10

BUDGET GLOSSARY

Appropriation - An authorization made by the Board which 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 two directly elected members-at-large, one member of the Thousand Oaks City Council, one member of the Ventura County Board of Supervisors, and the Special Districts member of the Ventura Regional Sanitation District Board of Directors. 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 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.

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).

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 District 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 2008-09 is abbreviated "FY 2009" or "FY 09".

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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TRIUNFO SANITATION DISTRICT

A PUBLIC AGENCY