

Fiscal Year 2018 Budget



Leucadia Wastewater District

1960 La Costa Avenue
Carlsbad, CA 92009



LEUCADIA
WASTEWATER
DISTRICT

LEADERS IN
ENVIRONMENTAL
PROTECTION

LEUCADIA WASTEWATER DISTRICT

FISCAL YEAR 2018 BUDGET

BOARD OF DIRECTORS

JUDY HANSON, PRESIDENT
ELAINE SULLIVAN, VICE PRESIDENT
DAVID KULCHIN, DIRECTOR
ALLAN JULIUSSEN, DIRECTOR
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DISTRICT MANAGEMENT

PAUL BUSHEE, GENERAL MANAGER
RICHARD DUFFEY, ADMINISTRATIVE SERVICES MANAGER
ROBIN MORISHITA, TECHNICAL SERVICES MANAGER
JEFF STECKER, FIELD SERVICES SUPERINTENDENT

District Administration Office:

1960 La Costa Avenue
Carlsbad, California 92009
Telephone: 760.753.0155
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www.lwwd.org

LEUCADIA WASTEWATER DISTRICT

FISCAL YEAR 2018 BUDGET

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LEADERS IN
ENVIRONMENTAL
PROTECTION

BOARD OF DIRECTORS
Judy K. Hanson, President
Elaine Sullivan, Vice President
Allan Juliussen, Director
David Kulchin, Director
Donald F. Omsted, Director
Paul J. Bushee, General Manager

June 1, 2017

Leucadia Wastewater District
Board of Directors

Honorable President and Members of the Board of Directors:

I am pleased to submit the Fiscal Year 2018 (FY18) Annual Budget for the Leucadia Wastewater District (LWD). This budget document describes the financial resources required to fund programs necessary for the delivery of services by LWD. It includes the calculation of the wastewater service charge and identifies major revenue sources and expenditure categories.

The FY18 Budget has been designed to reflect LWD's core business functions. Expenses have been broken into two major operations: Wastewater Operations and Recycled Water Operations. In addition, administrative overhead expenses are categorized separately and allocated across the two operations. This approach is consistent with prior LWD budgets. Also, the FY18 Budget includes a Development Services expense budget that is fully funded by developer deposits. The key elements of the FY18 Budget are summarized as follows:

REVENUES AND OTHER FUNDS

Funds available for FY18 total \$12.9 million. Table 1 summarizes the major revenue sources.

Table 1
Revenue Summary

Revenue Source	Amount	% of Total
Wastewater Services Charges	\$9,827,873	76%
Recycled Water Sales	\$272,000	2%
Property Taxes	\$1,600,000	12%
Capacity Fees	\$400,600	3%
Interest Income	\$327,000	3%
Developer Fees	\$118,102	1%
Other	\$373,600	3%
Total Revenue	\$12,919,175	100%
Net Transfers from Reserves	\$322,922	
Total Funds Available	\$13,242,097	

Wastewater Operations

Wastewater service charges, of \$9.8 million, are the major funding source representing 76% of total revenue. Wastewater service charges are projected to increase 0.1% over the prior fiscal year budget due to a slight increase in the customer base with no increase in the sewer service rate. Property taxes, of \$1.6 million, is the second largest revenue source and represents approximately 12% of total revenue. Property taxes are expected to increase about \$50,000 due to increases in property valuations. Developer fee and capacity fee revenues are directly related to the level of development activity in the District and will account for approximately 4% or \$519,000 of total revenue.

Recycled Operations

Budgeted recycled water sales revenue of \$272,000, represent about 2% of total revenue, and is comparable with prior years.

EXPENDITURES AND OTHER USES OF FUNDS

Expenditures for FY18 total \$13.3 million. Table 2 summarizes these expenses.

**Table 2
 Expenditure Summary**

Program Expenditures	Amount	% of Total
Wastewater Operations		
Leucadia Facilities	\$6,016,162	45%
Batiquitos Joint Facilities	\$435,933	3%
Recycled Water Operations	\$200,483	2%
Total Operating Expenditures	\$6,652,578	50%
Development Services	\$118,102	1%
Total Development Services	\$118,102	1%
Capital Acquisitions	\$258,800	2%
Capital Improvement Projects	\$6,212,618	47%
Total Capital Expenditures	\$6,471,418	49%
Total Expenditures	\$13,242,097	100%

Operating Program Expenses

The operating expenses have been separated between the Wastewater Operations and Recycled Water Operations. The Wastewater operating expenses have been further broken out into two categories: the Leucadia Facilities and the Batiquitos Joint Facilities. The Leucadia Facilities operating expenses are funded solely by LWD. These expenses include collection system costs and LWD's share of the Encina regional treatment plant operating expenses. The Batiquitos Facilities include expenses associated with the jointly owned Batiquitos Pump Station and Force Main Facilities which are funded approximately 80% by LWD and 20% by the City of Encinitas. Administrative costs are allocated to each of the operating categories to reflect the actual cost of operating these entities.

For the FY18 Operating Budget, the projected expenses for Wastewater Operations are \$6.5 million. This includes LWD's share of the Encina treatment plant expenses of approximately \$1.9 million. This is a 3% increase over the prior year's budget, largely due to increases in budgeted personnel expenses of approximately \$140,000, which is largely due to increases in benefit insurance premiums, and an increase in allocated Administration Services expenses of approximately \$155,000. This is partially offset by a decrease in operating supplies of approximately \$25,000, a decrease in utility expenses of approximately \$52,000 and a decrease in EWA treatment expenses of approximately \$50,000. The FY18 projected operating expenses for the Recycled Water Operations are approximately \$200,000, which is a decrease of 1% from the prior year. The Recycled Water operating expenses remain fully funded through recycled water sales revenue.

LWD's overall Administrative Services Budget will increase approximately \$152,000 or 9% from the FY17 budget. This includes, approximately, a \$82,000 increase in labor expenses and a \$84,000 increase in professional services expenses for the Financial Plan Update and the Open House. This is partially offset by the removal of election expenses of \$30,000 for FY18. The Administrative Services Budget is distributed to Leucadia Facilities, Batiquitos Joint Facilities, Recycled Water Operations and Capital Improvement Projects as administrative overhead.

Capital Program

The Capital Acquisitions is a component of the LWD Capital Program Budget and represents the funding plan for the procurement of capital equipment with a purchase price greater than \$5,000 and useful life greater than one year. The FY18 Capital Acquisition Program totals \$258,800 and includes the purchase of a large truck, a confined space entry equipment trailer, and other critical sewer maintenance equipment.

The Capital Improvement Program (CIP) includes major capital projects that generally involve planning, permitting, engineering design, and construction. The total FY18 CIP Budget is \$6.2 million and includes funding for the wastewater and recycled water enterprises. The Wastewater Facilities CIP totals approximately \$5.4 million. The key components include: Encinitas Estates Pump Station replacement (\$1.2M), the Asset Management Plan update (\$100K), FY18 Gravity Pipeline Rehabilitation project (\$615K), and LWD's portion of the Encina Joint Treatment Facility capital budget (\$2.5M). The Recycled Water Facilities CIP includes \$821,000 mostly for the Gafner Recycled Water Reclamation Plant improvements as a result of its recent condition assessment and for the replacement of the northern section of the B1 Return Force Main.

LONG TERM DEBT OBLIGATIONS

There are no FY18 long term debt obligations.

RESERVE TRANSFERS

When operating revenues exceed operating expenses, the excess funds are transferred to the Capital Replacement Reserve to fund future capital replacement expenditures. The budgeted amount to be transferred to the Capital Replacement Reserves for FY18 is approximately \$3.4 million.

When non-operating revenues, such as capacity fees and property taxes, are not sufficient to cover capital expenditures, funds are transferred from the Capital Reserves. Approximately \$3.1 million is budgeted to be transferred from the Capital Reserves to cover the additional Wastewater capital expenditures in FY18.

In addition, approximately \$682,000 is budgeted to be transferred from the Water Recycling Reserve to cover Recycled Water capital expenditures.

This approach is consistent with the District's Reserve policy and its Comprehensive Financial Plan Update.

The Leucadia Wastewater District staff is proud to present this budget and looks forward to implementing the programs described herein during FY18. I would like to acknowledge the support of Trisha Hill, Tianne Baity, Maggie McEniry, and Jennifer Gabelein for their assistance in this effort. Administrative Services Manager Richard Duffey led the effort and produced the document with the assistance of Technical Services Manager Robin Morishita and Field Services Superintendent Jeff Stecker. If you have any questions or need additional information in your review of the FY18 Annual Budget, please contact Richard Duffey at (760) 753-0155, ext. 3012.

Respectfully submitted,

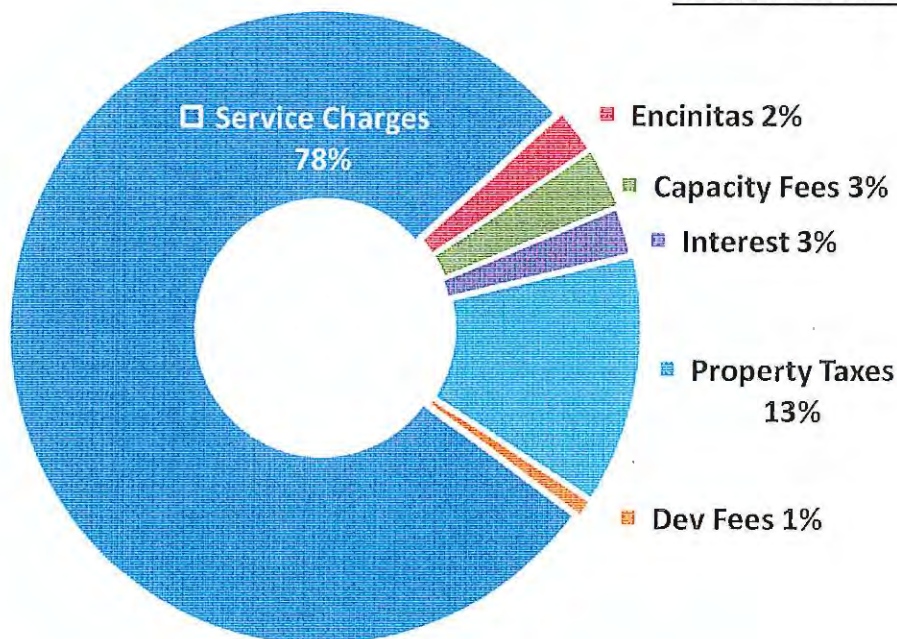


Paul J. Bushee
General Manager

Leucadia Wastewater District Fiscal Year 2018 Operating & Capital Budgets Wastewater Program Summary

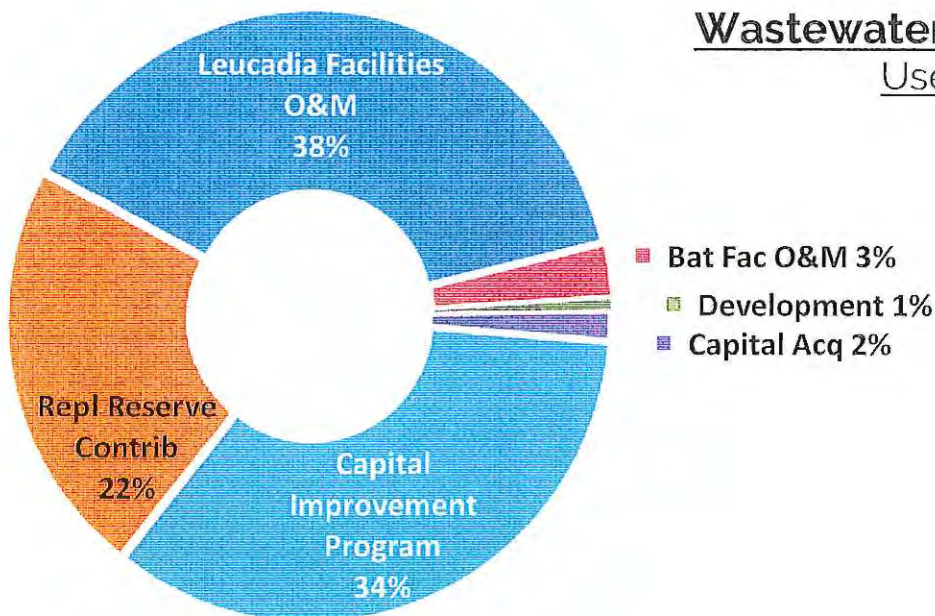
SOURCES OF FUNDS	FY 2017 BUDGET	FY 2017 PROJECTED	FY 2018 BUDGET	% Change Bud to Bud
OPERATING REVENUES				
Service Charges	\$ 9,819,969	\$ 9,811,900	\$ 9,827,873	0%
Encinitas O&M (Batiqitos Facilities)	\$ 87,300	\$ 77,000	\$ 87,200	0%
TOTAL ESTIMATED OPERATING REVENUE	\$ 9,907,269	\$ 9,888,900	\$ 9,915,073	0.1%
NON-OPERATING REVENUES				
Encinitas Capital (Batiqitos Facilities)	\$ 174,400	\$ 13,400	\$ 210,800	21%
Capacity Fees	\$ 240,360	\$ 150,000	\$ 400,600	67%
Interest Income	\$ 200,000	\$ 281,000	\$ 314,000	57%
Developer Fees	\$ 136,410	\$ 69,300	\$ 118,102	-13%
Property Taxes	\$ 1,550,000	\$ 1,573,000	\$ 1,600,000	3%
TOTAL NON-OPERATING REVENUE	\$ 2,301,170	\$ 2,086,700	\$ 2,643,502	14.9%
OTHER SOURCES OF FUNDS				
Transfer from Capital Replacement Reserve	\$ 3,382,194	\$ 1,576,500	\$ 3,103,518	-8%
TOTAL OTHER SOURCES OF FUNDS	\$ 3,382,194	\$ 1,576,500	\$ 3,103,518	-8.2%
TOTAL FUNDS AVAILABLE	\$ 15,590,633	\$ 13,552,100	\$ 15,662,093	0.5%

Wastewater Program Revenues



**Leucadia Wastewater District
Fiscal Year 2018 Operating & Capital Budgets
Wastewater Program Summary**

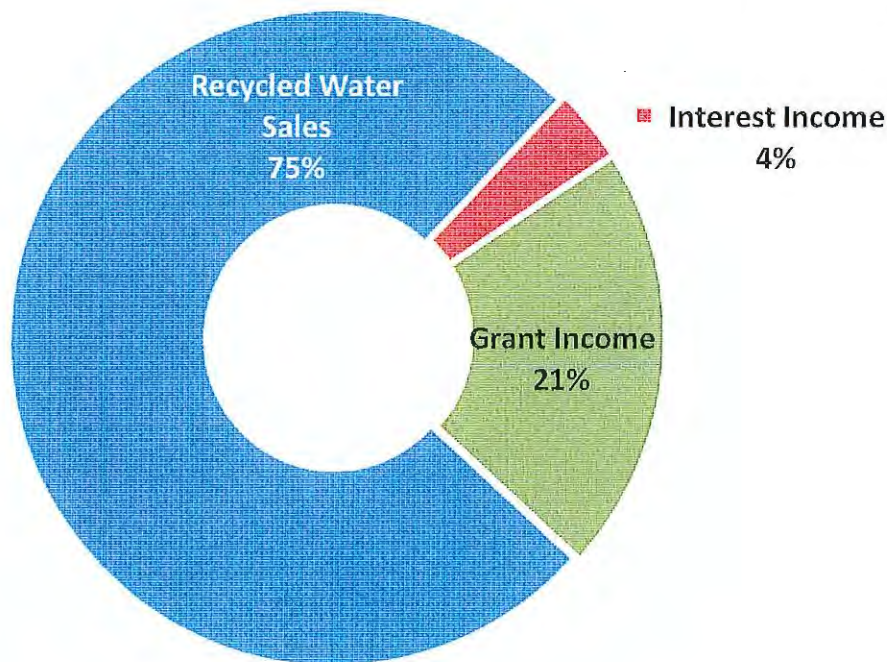
USE OF FUNDS	FY 2017 BUDGET	FY 2017 PROJECTED	FY 2018 BUDGET	% Change Bud to Bud
OPERATING EXPENDITURES				
Leucadia Facilities	\$ 5,839,571	\$ 5,720,141	\$ 6,016,162	3%
Batiquitos Joint Facilities	\$ 436,695	\$ 384,859	\$ 435,933	0%
TOTAL OPERATING EXPENSES	\$ 6,276,266	\$ 6,105,000	\$ 6,452,095	2.8%
DEVELOPMENT EXPENDITURES				
Development Expenses	\$ 136,410	\$ 69,300	\$ 118,102	-13%
TOTAL DEVELOPMENT EXPENSES	\$ 136,410	\$ 69,300	\$ 118,102	-13.4%
CAPITAL EXPENDITURES				
Capital Acquisitions	\$ 500,800	\$ 413,900	\$ 237,300	-53%
Capital Improvement Projects	\$ 5,046,154	\$ 3,180,000	\$ 5,391,618	7%
TOTAL CAPITAL EXPENSES	\$ 5,546,954	\$ 3,593,900	\$ 5,628,918	1.5%
RESERVE CONTRIBUTION				
Transfer to Reserves for Capital Replacement	\$ 3,631,003	\$ 3,783,900	\$ 3,462,978	-5%
TOTAL RESERVE CONTRIBUTION	\$ 3,631,003	\$ 3,783,900	\$ 3,462,978	-4.6%
TOTAL USE OF FUNDS	\$ 15,590,633	\$ 13,552,100	\$ 15,662,093	0.5%



**Leucadia Wastewater District
Fiscal Year 2018 Operating & Capital Budgets
Recycled Water Program Summary**

SOURCES OF FUNDS	FY 2017 BUDGET	FY 2017 PROJECTED	FY 2018 BUDGET	% Change Bud to Bud
OPERATING REVENUES				
Recycled Water Sales	\$ 269,000	\$ 264,000	272,000	1%
TOTAL ESTIMATED OPERATING REVENUE	\$ 269,000	\$ 264,000	\$ 272,000	1.1%
NON-OPERATING REVENUES				
Interest Income	\$ 12,000	\$ 14,000	13,000	8%
Grant Income	\$ -	\$ 338,000	75,600	100%
TOTAL ESTIMATED OPERATING REVENUE	\$ 12,000	\$ 352,000	\$ 88,600	638.3%
OTHER SOURCES OF FUNDS				
Transfer from Water Recycling Reserve	\$ 543,557	\$ -	\$ 682,383	26%
TOTAL OTHER SOURCES OF FUNDS	\$ 543,557	\$ -	\$ 682,383	25.5%
TOTAL FUNDS AVAILABLE	\$ 824,557	\$ 616,000	\$ 1,042,983	26.5%

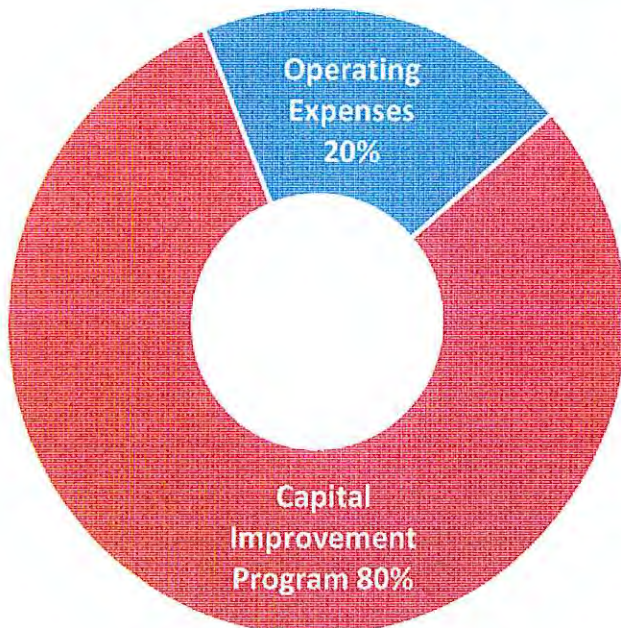
**Recycled Water Program
Revenues**



**Leucadia Wastewater District
Fiscal Year 2018 Operating & Capital Budgets
Recycled Water Program Summary**

USE OF FUNDS	FY 2017 BUDGET	FY 2017 PROJECTED	FY 2018 BUDGET	% Change Bud to Bud
OPERATING EXPENDITURES				
Operating Program	\$ 203,557	\$ 194,839	\$ 200,483	-2%
TOTAL OPERATING EXPENSES	\$ 203,557	\$ 194,839	\$ 200,483	-1.5%
CAPITAL EXPENDITURES				
Capital Acquisition	\$ -	\$ 9,000	\$ 21,500	100%
Capital Improvement Program	\$ 621,000	\$ 235,000	\$ 821,000	32%
TOTAL CAPITAL EXPENSES	\$ 621,000	\$ 244,000	\$ 842,500	35.7%
RESERVE CONTRIBUTION				
Transfer to Water Recycling Reserve	\$ -	\$ 177,161	\$ -	0%
TOTAL RESERVE CONTRIBUTION	\$ -	\$ 177,161	\$ -	0.0%
TOTAL USE OF FUNDS	\$ 824,557	\$ 616,000	\$ 1,042,983	26.5%

**Recycled Water Program
Uses of Funds**

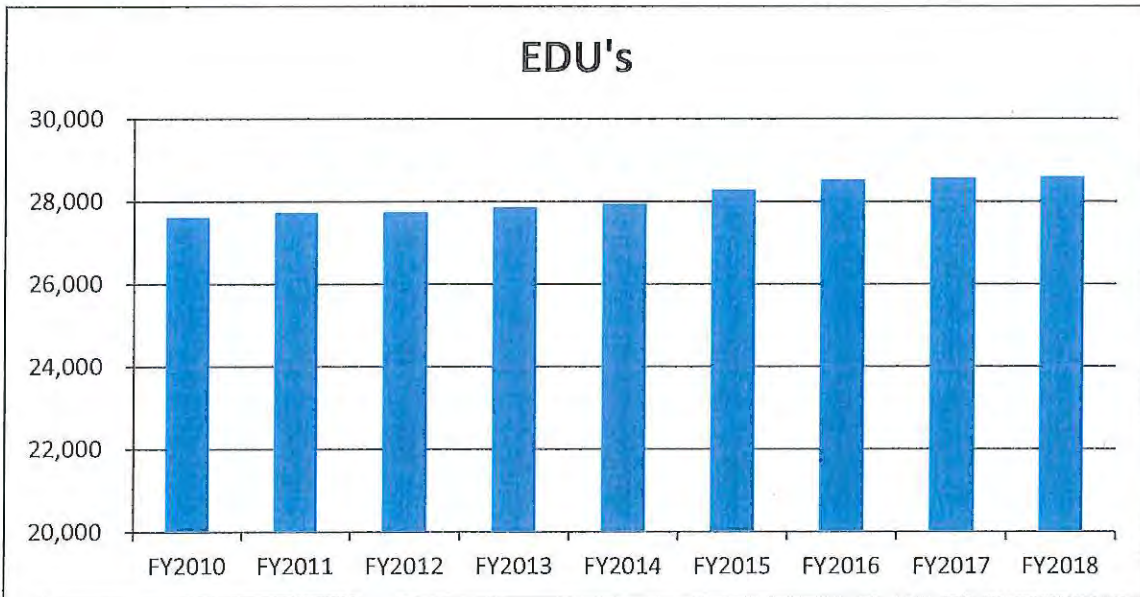


**FISCAL YEAR 2018
WASTEWATER SERVICE CHARGE
and
EDU SUMMARY**

FY 2018	
MONTHLY SERVICE CHARGE	\$ 28.64
ANNUAL SERVICE CHARGE	\$ 343.68
ESTIMATED EDU'S FY 2018	28,596
ESTIMATED SEWER SERVICE CHARGE REVENUE	\$ 9,827,873

FY 2017	
MONTHLY SERVICE CHARGE	\$ 28.64
ANNUAL SERVICE CHARGE	\$ 343.68
ESTIMATED EDU'S FY 2017	28,573
ESTIMATED SEWER SERVICE CHARGE REVENUE	\$ 9,819,969

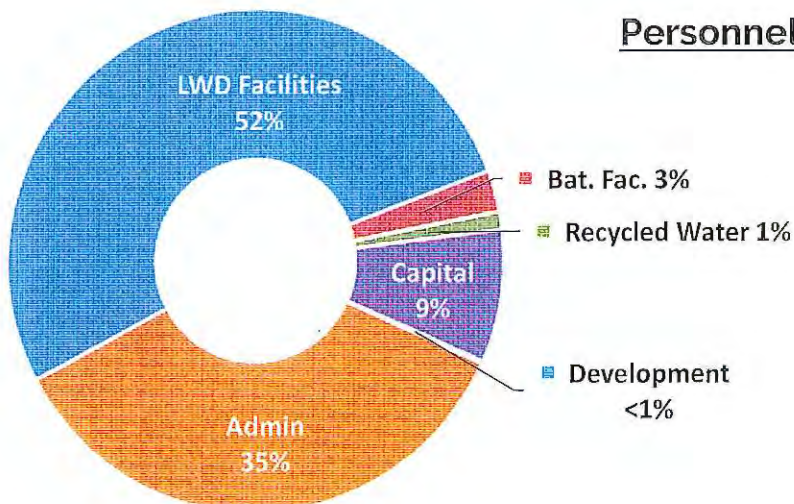
% CHANGE IN SERVICE CHARGE	0%
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EDU = Equivalent Dwelling Unit

Leucadia Wastewater District Fiscal Year 2018 Budget Personnel Summary By Department

Program	FY 2017 Budget	FY 2017 Projected	FY 2018 Proposed	% Change Bud to Bud
LWD Facilities:				
Salaries	\$ 983,127	\$ 988,400	\$ 1,031,968	5%
Benefits	\$ 479,950	\$ 524,600	\$ 559,602	17%
Total LWD Facilities	\$ 1,463,077	\$ 1,513,000	\$ 1,591,570	9%
Batiquitos Joint Facilities:				
Salaries	\$ 46,568	\$ 52,100	\$ 52,211	12%
Benefits	\$ 22,716	\$ 29,300	\$ 29,402	29%
Total Bat Joint Facilities	\$ 69,284	\$ 81,400	\$ 81,613	18%
Recycled Water Enterprise:				
Salaries	\$ 23,934	\$ 18,400	\$ 22,087	-8%
Benefits	\$ 12,573	\$ 10,800	\$ 13,287	6%
Total RW Enterprise	\$ 36,507	\$ 29,200	\$ 35,374	-3%
Capital Program:				
Salaries	\$ 178,350	\$ 168,100	\$ 180,109	1%
Benefits	\$ 70,864	\$ 72,000	\$ 81,097	14%
Total Capital Program	\$ 249,214	\$ 240,100	\$ 261,206	5%
Development:				
Salaries	\$ 3,536	\$ 2,000	\$ 2,523	-29%
Benefits	\$ 1,874	\$ 1,400	\$ 1,679	-10%
Total Development	\$ 5,410	\$ 3,400	\$ 4,202	-22%
Administration:				
Salaries	\$ 690,009	\$ 696,300	\$ 727,998	6%
Benefits	\$ 315,375	\$ 323,100	\$ 359,643	14%
Total Administration	\$ 1,005,384	\$ 1,019,400	\$ 1,087,641	8%
Total Personnel Expense	\$ 2,828,876	\$ 2,886,500	\$ 3,061,606	8%



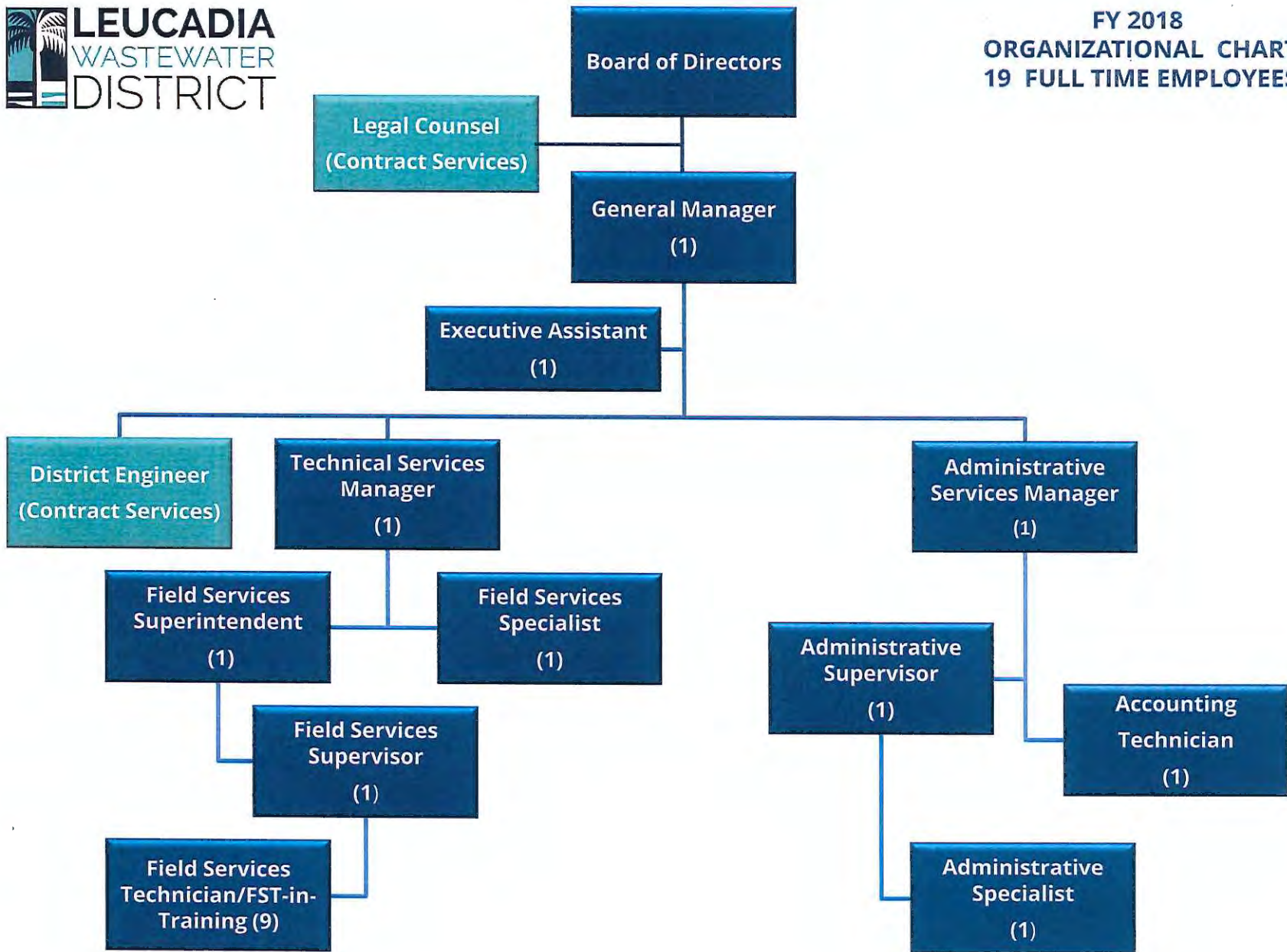
Personnel Expense Summary
By Department

**Leucadia Wastewater District
Fiscal Year 2018 Operating & Capital Budgets
Personnel Expense Detail**

Acct #	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
4100	Salaries				
4110	Regular salaries	\$ 1,875,524	\$ 1,866,900	\$ 1,966,896	5%
4120	Overtime salaries	\$ 50,000	\$ 58,400	\$ 50,000	0%
	Total Salaries	\$ 1,925,524	\$ 1,925,300	\$ 2,016,896	5%
4200	Employee Benefits				
4210	F.I.C.A.	\$ 131,759	\$ 135,400	\$ 141,933	8%
4220	Medical insurance	\$ 290,300	\$ 342,900	\$ 390,440	34%
4221	Dental insurance	\$ 29,271	\$ 32,900	\$ 32,979	13%
4222	Disability insurance	\$ 13,677	\$ 13,000	\$ 13,350	-2%
4223	Life insurance	\$ 4,899	\$ 4,900	\$ 5,038	3%
4224	Unemployment insurance	\$ 5,000	\$ -	\$ 5,000	0%
4225	Employee assistance program (EAP)	\$ 613	\$ 700	\$ 613	0%
4226	Vision plan	\$ 3,770	\$ 4,100	\$ 4,105	9%
4230	Workers compensation insurance	\$ 39,578	\$ 39,000	\$ 40,000	1%
4240	PERS, employee retirement	\$ 347,166	\$ 350,800	\$ 371,808	7%
4241	OPEB - employee retirement health	\$ 4,600	\$ 4,600	\$ 4,700	2%
4245	Section 125 plan	\$ 1,905	\$ 1,900	\$ 1,905	0%
4293	Deferred Compensation Contribution	\$ 30,814	\$ 31,100	\$ 32,839	7%
	Total Benefits	\$ 903,352	\$ 961,300	\$ 1,044,710	16%
	TOTAL, SALARY & BENEFITS	\$ 2,828,876	\$ 2,886,600	\$ 3,061,606	8%



FY 2018
ORGANIZATIONAL CHART
19 FULL TIME EMPLOYEES



LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2018 OPERATING BUDGET WASTEWATER OPERATIONS – LEUCADIA FACILITIES

Program Overview:

The FY18 Wastewater Operations – Leucadia Facilities Operating Budget reflects the expense associated with the collection, transmission and treatment of wastewater that is attributable to LWD only. This is LWD’s largest program and makes up the majority of LWD’s operating expenses.

The Wastewater Operations – Leucadia Facilities operating budget consists of three components: 1) Field Services Expenses (direct); 2) Administrative Expenses (support overhead); and 3) Encina Regional Treatment Facility expenses. The Field Services Department (FSD) provides the direct resources to operate the program with support from the Administrative Services Department (ASD).



Field Services Expenses: FSD is responsible for collecting and transmitting LWD wastewater to the Encina regional treatment plant where it is treated to secondary discharge standards. FSD performs continuous preventative maintenance on 200 miles of collection system. Under the Wastewater Operations – Leucadia Facilities Program, FSD operates and maintains nine wastewater pump

stations that are funded solely by LWD. FSD is also responsible for regulatory compliance functions, training functions and customer service.

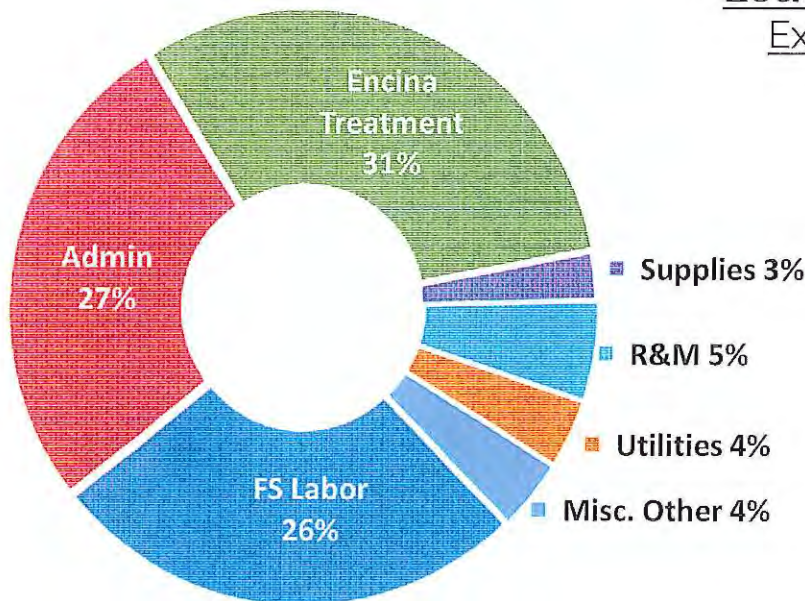
Administrative Services Expenses: ASD expenses are allocated to the Wastewater Operations – Leucadia Facilities Program to reflect expenses that support the collection and transmission of LWD wastewater. These expenses include overall staff management, as well as Board of Directors, financial, human resources and risk management support of the program.

Encina Regional Treatment Facility Operations: LWD contributes a proportionate share, based on its approximate 16.8% ownership, of the operating costs for the regional Encina Water Pollution Control Facility, which is operated by the Encina Wastewater Authority. This expense funds the treatment, resource recovery, and disposal of the wastewater generated within LWD’s service area.

**Leucadia Wastewater District
Wastewater Operations - Leucadia Facilities
Fiscal Year 2018 Operating Budget
Expense Summary**

<u>Account</u>	<u>Description</u>	<u>FY 2017 Budget</u>	<u>FY 2017 Projected</u>	<u>FY 2018 Budget</u>	<u>% Change Bud to Bud</u>
	Field Services Expenses:				
	Labor Expenses:				
	FS Salaries & Benefits	\$ 1,463,077	\$ 1,513,000	\$ 1,591,570	9%
	Non-Labor Expenses:				
4600	Fuel	\$ 43,000	\$ 38,000	\$ 40,000	-7%
4900	Office Expense	\$ 84,100	\$ 77,200	\$ 95,500	14%
5000	Operating Supplies	\$ 183,600	\$ 182,900	\$ 158,300	-14%
5200	Professional Services	\$ 77,300	\$ 70,700	\$ 76,500	-1%
5400	Rent/Leases	\$ 3,500	\$ 3,200	\$ 3,500	0%
5500	Repair and Maintenance	\$ 319,600	\$ 316,800	\$ 329,300	3%
5600	Permitting & Monitoring	\$ 21,000	\$ 18,000	\$ 21,200	1%
5900	Utilities	\$ 259,000	\$ 255,600	\$ 226,600	-13%
	Subtotal Other Expenses	\$ 991,100	\$ 962,400	\$ 950,900	-4%
	Total Field Services Expenses	\$ 2,454,177	\$ 2,475,400	\$ 2,542,470	4%
	Administration Expenses:	\$ 1,473,664	\$ 1,435,541	\$ 1,611,892	9%
6210	Encina Treatment Expenses:	\$ 1,911,730	\$ 1,809,200	\$ 1,861,800	-3%
	Total LWD Facilities Expenses	\$ 5,839,571	\$ 5,720,141	\$ 6,016,162	3%

**Leucadia Facilities
Expense Allocation**



**Leucadia Wastewater District
Wastewater Operations - Leucadia Facilities
Fiscal Year 2018 Operating Budget
Expense Detail**

Acct #	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
4600	<u>Gasoline, Oil, Fuel</u>				
20-41-0000-4610	Vehicle Gasoline, Diesel Fuel, Lubricants				
	Gas	\$ 15,000	\$ 10,000	\$ 10,000	-33%
	Diesel	\$ 28,000	\$ 28,000	\$ 30,000	7%
	Total Gasoline, Oil, Fuel	\$ 43,000	\$ 38,000	\$ 40,000	-7%
4900	<u>Office Expense</u>				
20-41-0000-4950	Computer Service				
	GIS Support	\$ 3,000	\$ 5,300	\$ 3,500	17%
	Xerox	\$ 1,100	\$ 1,200	\$ 1,300	18%
	WMS Comprehensive Support	\$ 10,000	\$ 9,000	\$ 9,000	-10%
	SCADA Support and Parts	\$ 13,000	\$ 5,000	\$ 10,000	-23%
	Flow & Alarm monitoring ADS Intelliserve	\$ 55,000	\$ 55,000	\$ 70,000	27%
	Total Computer Service	\$ 82,100	\$ 75,500	\$ 93,800	14%
20-41-0000-4970	Assessor Parcel Reports	\$ 2,000	\$ 1,700	\$ 1,700	-15%
	Total Office Expense	\$ 84,100	\$ 77,200	\$ 95,500	14%
5000	<u>Operating Supplies</u>				
20-41-0000-5010	Chemicals (Bioxide)	\$ 148,000	\$ 148,000	\$ 120,000	-19%
20-41-0000-5020	Laundry	\$ 10,000	\$ 10,000	\$ 10,000	0%
20-41-0000-5030	Tool Replacement	\$ 2,300	\$ 2,000	\$ 2,000	-13%
20-41-0000-5040	Safety Supplies/Services				
	Steel Toe Shoes	\$ 2,400	\$ 2,200	\$ 2,400	0%
	First Aid Supplies	\$ 500	\$ 900	\$ 900	80%
	Universal Defibrillators	\$ 2,500	\$ 3,100	\$ 3,100	24%
	Personal Protective Equipment (disposable)	\$ 2,300	\$ 4,200	\$ 6,500	183%
	Respiratory Protection Physicals	\$ 1,100	\$ 800	\$ 1,000	-9%
	Atmospheric Monitoring/Testing Equipment, Service, &Supplies	\$ 7,500	\$ 5,700	\$ 5,900	-21%
	DOT Testing Program Administration (DATCO)	\$ 1,500	\$ 1,300	\$ 1,500	0%
	Commercial Driver's License / Physicals Renewals	\$ 1,000	\$ 800	\$ 1,000	0%
	SCBA Equipment	\$ 1,000	\$ 1,000	\$ 1,000	0%
	Emergency Preparedness	\$ 1,500	\$ 1,500	\$ 1,500	0%
	Safety Label Maker	\$ 500	\$ 400	\$ 500	0%
	Traffic Control Devices	\$ 1,500	\$ 1,000	\$ 1,000	-33%
	Total, Safety Supplies	\$ 23,300	\$ 22,900	\$ 26,300	13%
	Total Operating Supplies	\$ 183,600	\$ 182,900	\$ 158,300	-14%
5200	<u>Professional Services</u>				
20-41-0000-5210	Engineering Services				
	Update SSMP Audit	\$ 9,000	\$ 8,300	\$ 9,000	0%
	District Engineering	\$ 55,000	\$ 55,000	\$ 55,000	0%
	Update Safety Program Plans	\$ 3,300	\$ 7,400	\$ 2,500	-24%
	Specialty Engineering	\$ 10,000	-	\$ 10,000	0%
	Total Professional Services	\$ 77,300	\$ 70,700	\$ 76,500	-1%

**Leucadia Wastewater District
Wastewater Operations - Leucadia Facilities
Fiscal Year 2018 Operating Budget
Expense Detail**

Acct #	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
5400	<u>Rents & leases</u>				
20-41-0000-5410	Equipment Rental				
	Repair/Maintenance Equipment	\$ 500	\$ 400	\$ 500	0%
20-41-0000-5440	Easement Leases				
	NCTD License Fee	\$ 3,000	\$ 2,800	\$ 3,000	0%
	Total Rents and Leases	\$ 3,500	\$ 3,200	\$ 3,500	0%
5500	<u>Repair & maintenance</u>				
20-41-0000-5510	Line Maintenance				
	Water for Line Cleaning	\$ 13,500	\$ 17,000	\$ 17,000	26%
	Routine Line Repair Supplies	\$ 32,000	\$ 29,500	\$ 25,000	-22%
	Cathodic Testing	\$ 3,500	\$ 3,600	\$ 3,700	6%
	CCTV Support\Maintenance	\$ 21,000	\$ 18,500	\$ 21,000	0%
	Vactor High Pressure Hose	\$ 6,000	\$ 7,000	\$ 6,000	0%
	Smoke Testing	\$ -	\$ -	\$ 26,400	100%
	Total, Line Maintenance	\$ 76,000	\$ 75,600	\$ 99,100	30%
20-41-0000-5520	Pump Station Repair & Maintenance				
	Standby Power System Service (Generator)	\$ 15,000	\$ 11,000	\$ 15,000	0%
	Electrical Services/Diagnostic Heat Testing	\$ 12,000	\$ 10,500	\$ 12,000	0%
	Pump & Motor Repairs	\$ 27,000	\$ 40,400	\$ 30,000	11%
	Routine Pump Station Repair Supplies	\$ 8,000	\$ 7,500	\$ 8,000	0%
	Odor Control Media Replacement	\$ 18,000	\$ 18,200	\$ 18,200	1%
	Vibrational Analysis (Predictive Maint. Testing)	\$ 1,600	\$ 1,500	\$ 1,600	0%
	Refurbish Pump Seals	\$ 6,000	\$ 6,000	\$ 6,000	0%
	Replace Odaloggers	\$ -	\$ -	\$ 3,300	100%
	Total, Pump Station Repair & Maintenance	\$ 87,600	\$ 95,100	\$ 94,100	7%
20-41-0000-5530	Buildings & Grounds Repair & Maintenance				
	Elevator	\$ 4,800	\$ 4,700	\$ 4,800	0%
	Audio Visual	\$ 1,500	\$ 600	\$ 1,500	0%
	Trash Service	\$ 3,000	\$ 2,800	\$ 3,000	0%
	Plant Service	\$ 2,000	\$ 2,000	\$ 2,000	0%
	Janitorial Services	\$ 21,500	\$ 19,000	\$ 20,000	-7%
	Window Cleaning	\$ 900	\$ 900	\$ 900	0%
	Solar Panel Cleaning	\$ 2,400	\$ 1,200	\$ 1,500	-38%
	Pest Control	\$ 700	\$ 700	\$ 700	0%
	Painting and General Building Maintenance	\$ 20,000	\$ 24,500	\$ -	-100%
	Miscellaneous Services and Small Equipment	\$ 4,000	\$ 9,400	\$ 6,000	50%
	Landscaping/Water Feature/Gate Maintenance Services	\$ 25,000	\$ 26,000	\$ 25,000	0%
	Fire Extinguisher Service	\$ 900	\$ 900	\$ 900	0%
	Garage Door Service	\$ 3,500	\$ 2,500	\$ 2,500	-29%
	HVAC Service	\$ 14,000	\$ 9,000	\$ 14,000	0%
	Roof and Gutter Maintenance	\$ 2,200	\$ 3,300	\$ 2,200	0%
	Test Fire Sprinkler System	\$ -	\$ -	\$ 1,500	100%
	Total, Buildings & Grounds Repair & Maintenance	\$ 106,400	\$ 107,500	\$ 86,500	-19%

**Leucadia Wastewater District
Wastewater Operations - Leucadia Facilities
Fiscal Year 2018 Operating Budget
Expense Detail**

Acct #	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
20-41-0000-5540	Vehicle Repair & Maintenance				
	Routine & Corrective Repairs	\$ 18,000	\$ 14,000	\$ 18,000	0%
	Tire Replacement	\$ 4,100	\$ 3,800	\$ 4,100	0%
	Vactor Major Service	\$ 25,000	\$ 20,500	\$ 25,000	0%
	Total, Vehicle Repair & Maintenance	\$ 47,100	\$ 38,300	\$ 47,100	0%
20-41-0000-5550	Paint & Lubricants				
	Misc. Supplies	\$ 500	\$ 300	\$ 500	0%
	HazMat Disposal	\$ 1,000	\$ -	\$ 1,000	0%
	Total, Paint & Lubricants	\$ 1,500	\$ 300	\$ 1,500	0%
20-41-0000-5590	Equipment Repair & Maintenance				
	Misc. Equip. Repairs (Portable Generators, Pumps)	\$ 1,000	\$ -	\$ 1,000	0%
	Total Repair and Maintenance	\$ 319,600	\$ 316,800	\$ 329,300	3%
5600	<u>Monitoring and Permitting</u>				
20-41-0000-5610	Lab Analysis				
	Beach Posting Analysis	\$ 1,500	\$ -	\$ 1,500	0%
	Baseline Background Analysis	\$ 1,000	\$ 1,200	\$ 1,200	20%
	Total Lab Analysis	\$ 2,500	\$ 1,200	\$ 2,700	8%
20-41-0000-5630	Permits & Monitoring				
	Air Pollution Control District	\$ 4,500	\$ 4,500	\$ 4,500	0%
	City of Encinitas Inspection Permit	\$ 300	\$ -	\$ 300	0%
	City of Carlsbad Inspection Permit	\$ 1,000	\$ -	\$ 1,000	0%
	County Business Emergency Plan Permit	\$ 1,500	\$ 1,100	\$ 1,500	0%
	Collection System Permit	\$ 11,200	\$ 11,200	\$ 11,200	0%
	Total Permits & Monitoring	\$ 18,500	\$ 16,800	\$ 18,500	0%
	Total Monitoring and Permitting	\$ 21,000	\$ 18,000	\$ 21,200	1%
5900	<u>Utilities</u>				
20-41-0000-5920	SCADA Remote Communications	\$ 6,000	\$ 500	\$ 500	-92%
20-41-0000-5930	Electricity, District Operations	\$ 242,000	\$ 244,000	\$ 215,000	-11%
20-41-0000-5940	Water	\$ 8,000	\$ 8,600	\$ 8,600	8%
20-41-0000-5950	USA Notification Service	\$ 3,000	\$ 2,500	\$ 2,500	-17%
	Total Utilities	\$ 259,000	\$ 255,600	\$ 226,600	-13%
TOTAL LEUCADIA FACILITIES EXPENSES		\$ 991,100	\$ 962,400	\$ 950,900	-4%

LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2018 OPERATING BUDGET WASTEWATER ENTERPRISE – BATIQUITOS JOINT FACILITIES

Program Overview:

The FY18 Wastewater Operations – Batiquitos Joint Facilities operating budget reflects the expenses associated with the operation and maintenance of the Batiquitos Pump Station and Force Main facilities. The Batiquitos Joint Facilities are jointly owned by LWD and the City of Encinitas (Encinitas) and operating expenses are prorated based on flow. For FY18, budgeted operating expenses have been proportioned at approximately 80% for LWD and 20% for Encinitas.



The Wastewater Operations – Batiquitos Joint Facilities budget consists of two components: 1) Field Services Expenses (direct); and 2) Administrative Expenses (support overhead). The Field Services Department (FSD) provides the direct resources to operate and maintain the Batiquitos Joint Facilities with support from the Administrative Services Department (ASD). The program components are summarized as follows:

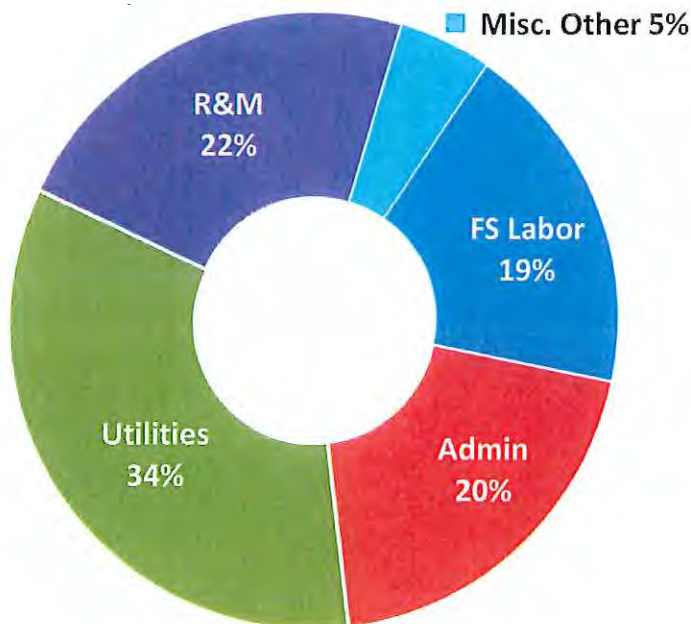
Field Services Expenses: FSD is responsible for operating the Batiquitos Joint Facilities. FSD performs preventative maintenance of the pump station and collection system, regulatory compliance functions, training functions and customer service.

Administrative Services Expenses: ASD expenses are allocated to the Wastewater Operations – Batiquitos Joint Facilities to reflect expenses that support the operation of the Batiquitos pump station and force main facilities. These expenses include overall staff management, as well as Board of Directors, financial, human resources and risk management support of the program.

**Leucadia Wastewater District
Wastewater Operations - Batiquitos Joint Facilities
Fiscal Year 2018 Operating Budget
Expense Summary**

Account	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
Field Services Expenses:					
Labor Expenses:					
	FS Salaries & Benefits	\$ 69,284	\$ 81,400	\$ 81,613	18%
Non-Labor Expenses:					
4600	Fuel	\$ 1,000	\$ 3,200	\$ 1,000	0%
4900	Office Expense	\$ 5,000	\$ 3,800	\$ 5,000	0%
5200	Professional Services	\$ 20,000	\$ -	\$ 10,000	-50%
5500	Repair and Maintenance	\$ 100,000	\$ 74,900	\$ 98,500	-2%
5600	Permitting & Monitoring	\$ 3,800	\$ 5,300	\$ 5,300	39%
5900	Utilities	\$ 167,800	\$ 142,700	\$ 147,800	-12%
	Subtotal Other Expenses	\$ 297,600	\$ 229,900	\$ 267,600	-10%
	Total Field Services Expenses	\$ 366,884	\$ 311,300	\$ 349,213	-5%
	Administration Expenses:	\$ 69,811	\$ 73,559	\$ 86,720	24%
	Total Batiquitos Joint Facilities Expenses	\$ 436,695	\$ 384,859	\$ 435,933	0%

Batiquitos Joint Facilities
Expense Allocation



**Leucadia Wastewater District
Wastewater Operations - Batiquitos Joint Facilities
Fiscal Year 2018 Operating Budget
Expense Detail**

Acct #	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
4600	<u>Fuel</u>				
20-41-0022-4610	Diesel Fuel	\$ 1,000	\$ 3,200	\$ 1,000	0%
	Total Fuel Expense	\$ 1,000	\$ 3,200	\$ 1,000	0%
4900	<u>Office Expense</u>				
20-41-0022-4950	Computer Service				
	SCADA Support and Parts	\$ 5,000	\$ 3,800	\$ 5,000	0%
	Total Office Expense	\$ 5,000	\$ 3,800	\$ 5,000	0%
5200	<u>Professional Services</u>				
20-41-0022-5210	Engineering Services				
	Supplemental Environmental Project	\$ 10,000	\$ -	\$ -	-100%
	District Engineering	\$ 5,000	\$ -	\$ 5,000	0%
	Specialty Engineering	\$ 5,000	\$ -	\$ 5,000	0%
	Total Professional Services	\$ 20,000	\$ -	\$ 10,000	-50%
5500	<u>Repair & Maintenance</u>				
20-41-0022-5510	Line Maintenance				
	Cathodic Testing	\$ 2,000	\$ 2,100	\$ 2,100	5%
	Total, Line Maintenance	\$ 2,000	\$ 2,100	\$ 2,100	5%
20-41-0022-5520	Pump Station Repair & Maintenance				
	Standby Power System Service (generator)	\$ 3,500	\$ 3,100	\$ 3,500	0%
	VFD Service	\$ 1,500	\$ -	\$ -	-100%
	Pump & Motor Repairs	\$ 23,000	\$ -	\$ 23,000	0%
	Electrical Services	\$ 7,000	\$ 15,100	\$ 7,000	0%
	Transfer Switch Testing & Electrical Heat Test	\$ 1,500	\$ 1,200	\$ 1,200	-20%
	Vibrational Analysis BPS (Predictive Testing)	\$ 1,000	\$ 1,000	\$ 1,000	0%
	HVAC Service	\$ 1,500	\$ 7,900	\$ 1,500	0%
	Miscellaneous Services/Supplies	\$ 4,200	\$ 3,800	\$ 4,200	0%
	Odor Control Media Replacement	\$ 42,000	\$ 39,000	\$ 40,000	-5%
	Force Main Operations	\$ 5,000	\$ -	\$ 5,000	0%
	Refurbish Pump Seals	\$ 6,000	\$ -	\$ 100	-98%
	Solar Panel Cleaning	\$ -	\$ 100	\$ 5,000	100%
	Replace Odaloggers	\$ -	\$ -	\$ 3,300	100%
	Total, Pump Station Repair & Maintenance	\$ 96,200	\$ 71,200	\$ 94,800	-1%
20-41-0000-5530	Buildings & Grounds Repair & Maintenance				
	Landscaping Service	\$ 1,800	\$ 1,600	\$ 1,600	-11%
	Total, Buildings & Grounds Repair & Maintenance	\$ 1,800	\$ 1,600	\$ 1,600	-11%
	Total Repair & Maintenance	\$ 100,000	\$ 74,900	\$ 98,500	-2%

**Leucadia Wastewater District
Wastewater Operations - Batiquitos Joint Facilities
Fiscal Year 2018 Operating Budget
Expense Detail**

Acct #	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
5600	<u>Monitoring and Permitting</u>				
20-41-0022-5610	Lab Analysis				
	Lab Analysis (Baseline Background Analysis)	\$ 1,000	\$ 2,500	\$ 2,500	150%
	Total Lab Analysis	<u>\$ 1,000</u>	<u>\$ 2,500</u>	<u>\$ 2,500</u>	150%
20-41-0022-5630	Permits & Monitoring				
	County HazMat (Business Plan) Permit	\$ 500	\$ 500	\$ 500	0%
	APCD - Generator & Pump Emissions/Odor Control	\$ 2,300	\$ 2,300	\$ 2,300	0%
	Total Permits & Monitoring	<u>\$ 2,800</u>	<u>\$ 2,800</u>	<u>\$ 2,800</u>	0%
	Total Monitoring & Permitting	<u>\$ 3,800</u>	<u>\$ 5,300</u>	<u>\$ 5,300</u>	39%
5900	<u>Utilities</u>				
20-41-0022-5910	Telephone	\$ 1,900	\$ 1,900	\$ 1,900	0%
20-41-0022-5930	Batiquitos Electrical Power	\$ 165,000	\$ 140,000	\$ 145,000	-12%
20-41-0022-5940	Water	\$ 900	\$ 800	\$ 900	0%
	Total Utilities	<u>\$ 167,800</u>	<u>\$ 142,700</u>	<u>\$ 147,800</u>	-12%
Total Batiquitos Joint Facilities Expenses		<u>\$ 297,600</u>	<u>\$ 229,900</u>	<u>\$ 267,600</u>	-10%

LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2018 OPERATING BUDGET RECYCLED WATER OPERATIONS

Program Overview:

The FY18 Recycled Water Enterprise Operating Budget reflects the expenses associated with the operation and maintenance of LWD's Gafner Water Recycling Facility (Gafner WRF). The Gafner WRF is a 1.0 million gallon per day facility that provides recycled water for the irrigation of the Omni La Costa Resort & Spa golf course.

The Recycled Water Enterprise budget consists of two components: 1) Fields Services Expenses (direct) and 2) Administrative Expenses (support overhead). The Field Services Department (FSD) provides the direct resources to operate and maintain the Gafner WRF with support from the Administrative Services Department (ASD). The program components are summarized as follows:

Field Services Expenses: FSD is responsible for operating the Gafner WRF. The operation consists of chemically treating and filtering secondary effluent in accordance with all public health and environmental standards. FSD performs preventative maintenance, regulatory compliance functions, training functions and customer service.

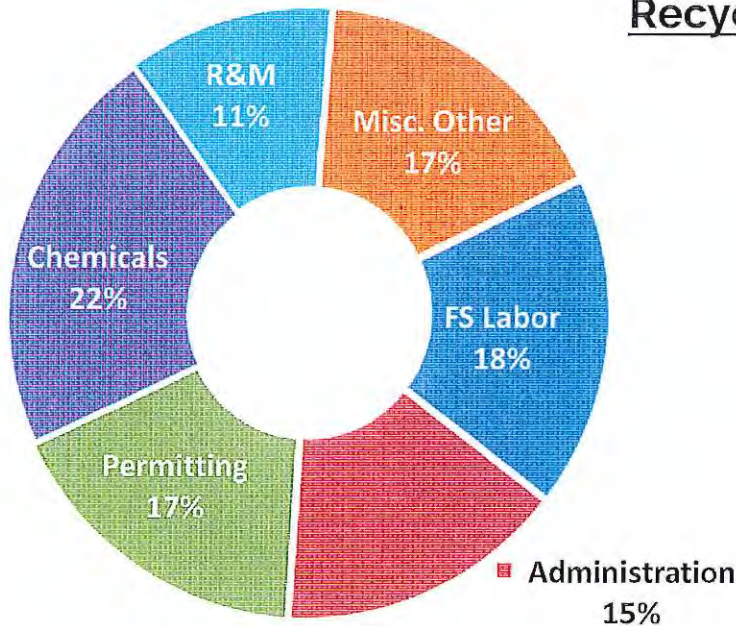
Administrative Services Expenses: ASD expenses are allocated to the Recycled Water Enterprise to reflect expenses that support the operation of Gafner WRF. These expenses include overall staff management, as well as Board of Directors, financial, human resources and risk management support of the program.



**Leucadia Wastewater District
Recycled Water Operations
Fiscal Year 2018 Operating Budget
Expense Summary**

<u>Account</u>	<u>Description</u>	<u>FY 2017 Budget</u>	<u>FY 2017 Projected</u>	<u>FY 2018 Budget</u>	<u>% Change Bud to Bud</u>
Field Services Expenses:					
Labor Expenses:					
	FS Salaries & Benefits	\$ 36,507	\$ 29,200	\$ 35,374	-3%
Non-Labor Expenses:					
4900	Office Expenses	\$ 3,300	\$ 4,800	\$ 3,300	0%
5000	Operating Supplies	\$ 44,000	\$ 42,000	\$ 44,000	0%
5200	Professional Services	\$ 12,500	\$ 2,200	\$ 12,500	0%
5500	Repair and Maintenance	\$ 20,500	\$ 31,200	\$ 22,500	10%
5600	Permitting & Monitoring	\$ 32,500	\$ 33,400	\$ 34,200	5%
5900	Utilities	\$ 17,500	\$ 15,700	\$ 17,500	0%
	Subtotal Non-Labor Expenses	\$ 130,300	\$ 129,300	\$ 134,000	3%
	Total Field Services Expenses	\$ 166,807	\$ 158,500	\$ 169,374	2%
	Administration Expenses:	\$ 36,750	\$ 36,339	\$ 31,109	-15%
	Total Recycled Water Facility Expenses	\$ 203,557	\$ 194,839	\$ 200,483	-2%

**Recycled Water Facilities
Expense Allocation**



**Leucadia Wastewater District
Recycled Water Operations
Fiscal Year 2018 Operating Budget
Expense Detail**

Acct #	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
4900	<u>Office Expense</u>				
30-43-0019-4950	Computer Service				
	WMS Software Maintenance	\$ 300	\$ 300	\$ 300	0%
	SCADA Support & Parts	\$ 3,000	\$ 4,500	\$ 3,000	0%
	Total Office Expense	\$ 3,300	\$ 4,800	\$ 3,300	0%
5000	<u>Operating Supplies</u>				
30-43-0019-5010	Chemicals				
	Polyalum & Sodium Hypochlorite	\$ 44,000	\$ 42,000	\$ 44,000	0%
	Total Operating Supplies	\$ 44,000	\$ 42,000	\$ 44,000	0%
5200	<u>Professional Services</u>				
30-43-0019-5210	Engineering Services				
	District Engineering	\$ 5,000	\$ -	\$ 5,000	0%
	Specialty Engineering	\$ 2,500	\$ 2,000	\$ 2,500	0%
	Total Engineering Services	\$ 7,500	\$ 2,000	\$ 7,500	0%
30-43-0019-5220	Legal Services				
	Legal	\$ 5,000	\$ 200	\$ 5,000	0%
	Total Legal Services	\$ 5,000	\$ 200	\$ 5,000	0%
	Total Professional Services	\$ 12,500	\$ 2,200	\$ 12,500	0%
5500	<u>Repair & Maintenance</u>				
30-43-0019-5580	Treatment Plant R&M				
	Calibration Services (flow/turbidity/CI residual)	\$ 5,500	\$ 7,000	\$ 7,000	27%
	Routine Plant Equipment Maintenance	\$ 6,000	\$ 3,000	\$ 3,000	-50%
	VFD/Electrical Services	\$ 9,000	\$ 16,000	\$ 5,000	-44%
	HVAC Service	\$ -	\$ -	\$ 500	100%
	Electrical Heat Test	\$ -	\$ 1,200	\$ 1,200	100%
	Force Main Operations	\$ -	\$ -	\$ 800	100%
	Pump & Motor Repairs	\$ -	\$ 4,000	\$ 5,000	100%
	Total Repair and Maintenance	\$ 20,500	\$ 31,200	\$ 22,500	10%

**Leucadia Wastewater District
Recycled Water Operations
Fiscal Year 2018 Operating Budget
Expense Detail**

Acct #	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
5600	<u>Monitoring and Permitting</u>				
30-43-0019-5610	Lab Analysis				
	Laboratory Analysis	\$ 10,500	\$ 10,500	\$ 11,000	5%
	Total Lab Analysis	\$ 10,500	\$ 10,500	\$ 11,000	5%
30-43-0019-5630	Permits & Monitoring				
	RWQCB discharge permit	\$ 15,000	\$ 15,000	\$ 15,000	0%
	San Marcos Creek Flow Measurement	\$ 5,000	\$ 6,000	\$ 6,000	20%
	RWQCB Storm Water Permit	\$ 2,000	\$ 1,700	\$ 2,000	0%
	Storm Water Maintenance	\$ -	\$ 200	\$ 200	100%
	Total Permits & Monitoring	\$ 22,000	\$ 22,900	\$ 23,200	5%
	Total Monitoring & Permitting	\$ 32,500	\$ 33,400	\$ 34,200	5%
5900	<u>Utilities</u>				
30-43-0019-5930	Encina Effluent Pump Station (EEPS)	\$ 17,500	\$ 15,700	\$ 17,500	0%
	Total Utilities	\$ 17,500	\$ 15,700	\$ 17,500	0%
Total Recycled Water Operation Expenses		\$ 130,300	\$ 129,300	\$ 134,000	3%

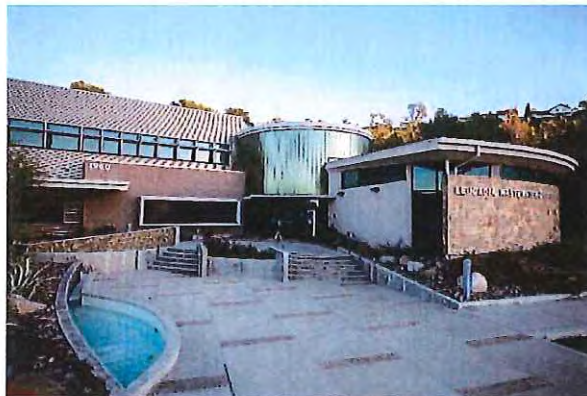
LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2018 OPERATING BUDGET ADMINISTRATIVE SERVICES

Program Overview:

The Administrative Services Department (ASD) provides support services for LWD's core functions: the collection, transmission, and treatment of wastewater and the production of recycled water. ASD is responsible for finance, human resources, Board of Directors (Board) support, risk management, information systems, records retention, customer service, and public outreach.

ASD expenses are allocated across four programs 1) Wastewater Operations – Leucadia Facilities; 2) Wastewater Operations – Batiquitos Joint Facilities; 3) Water Recycling Operations and 4) Capital Improvement Projects. A brief summary of key Administrative Service functions is as follows:

Finance: ASD provides accounting and financial reporting functions for LWD. ASD staff monitors LWD's cash flow and processes the billing, receipt, disbursement, payroll, and general transactions throughout the year. ASD oversees the investment of District reserves. The group also performs procurement functions to ensure conformance with applicable policies and procedures.



Human Resources: ASD manages all human resource functions including compensation, benefits administration, employee morale, employee training, employee hiring and discipline, and maintenance of personnel records.

Board Support: ASD's Board support functions include preparation of Board and subcommittee meeting agendas, posting public notices, meeting minutes, preparation of Resolutions and Ordinances, and coordination of conferences and travel.

Risk Management: ASD oversees LWD's risk management functions through close coordination with the California Sanitation Risk Management Association (CSRMA). Critical risk management functions include proactively maintaining overall workplace health and safety as well as managing workers' compensation and liability issues.

Customer Service: ASD provides direct customer service by responding to inquiries, providing information, distributing material, and resolving issues. The ASD maintains a customer account database of approximately 20,700 accounts.

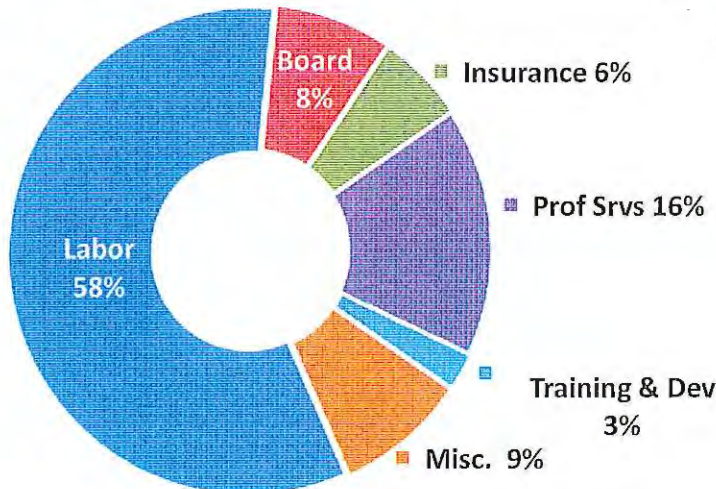
Community/Public Outreach Service: ASD provides community outreach reservice by developing and distributing bi-annual newsletters, press releases, informational flyers and updating and maintaining the District's website and Facebook accounts.

**Leucadia Wastewater District
Administrative Services
Fiscal Year 2018 Operating Budget
Expense Summary**

Account	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
Labor Expenses:					
	Admin Salaries & Benefits	\$ 1,005,384	\$ 1,019,400	\$ 1,087,641	8%
Non-Labor Expenses:					
4300	Board Support	\$ 142,400	\$ 142,100	\$ 147,800	4%
4400	Election	\$ 30,000	\$ 35,100	\$ -	-100%
4700	Insurance	\$ 113,900	\$ 104,000	\$ 113,600	0%
4800	Memberships	\$ 25,900	\$ 28,090	\$ 29,000	12%
4900	Office Expense	\$ 44,700	\$ 41,400	\$ 50,900	14%
5200	Professional Services	\$ 223,900	\$ 198,000	\$ 307,600	37%
5300	Printing/Publishing	\$ 29,000	\$ 19,500	\$ 29,500	2%
5400	Rents & leases	\$ 11,700	\$ 10,300	\$ 11,500	-2%
5500	Repair & Maintenance	\$ 1,500	\$ 700	\$ 1,500	0%
5700	Training & Development	\$ 47,200	\$ 45,700	\$ 47,000	0%
5900	Utilities	\$ 33,600	\$ 34,000	\$ 35,800	7%
6000	LAFCO Operations	\$ 9,000	\$ 6,500	\$ 8,000	-11%
	Subtotal Non-Labor Expenses	\$ 712,800	\$ 665,390	\$ 782,200	10%
	Total Admin Expenses	\$ 1,718,184	\$ 1,684,790	\$ 1,869,841	8.8%

Administration Allocation Schedule

LWD Facilities					
	Labor	\$ 808,931	\$ 817,468	\$ 882,975	9%
	Non-Labor	\$ 664,733	\$ 618,073	\$ 728,916	10%
	Total LWD Facilities	\$ 1,473,664	\$ 1,435,541	\$ 1,611,892	9%
Batiquitos Facilities					
	Labor	\$ 38,321	\$ 41,888	\$ 47,504	24%
	Non-Labor	\$ 31,490	\$ 31,671	\$ 39,216	25%
	Total Batiquitos Facilities	\$ 69,811	\$ 73,559	\$ 86,720	24%
Recycled Water Enterprise					
	Labor	\$ 20,173	\$ 20,693	\$ 17,041	-16%
	Non-Labor	\$ 16,577	\$ 15,646	\$ 14,068	-15%
	Total RWE	\$ 36,750	\$ 36,339	\$ 31,109	-15%
Capital Projects					
	Labor	\$ 137,959	\$ 139,351	\$ 140,121	2%
	Non-Labor	\$ -	\$ -	\$ -	-
	Total Capital	\$ 137,959	\$ 139,351	\$ 140,121	2%
	Total Admin Allocation	\$ 1,718,184	\$ 1,684,790	\$ 1,869,841	8.8%



**Administrative Services
Expense Allocation**

**Leucadia Wastewater District
Administrative Services
Fiscal Year 2018 Operating Budget
Expense Detail**

<u>Acct #</u>	<u>Description</u>	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
4300	<u>Directors' Expenses</u>				
01-45-0000-4310	Directors' Compensation				
	Regular Board Meetings	\$ 11,500	\$ 11,500	\$ 11,500	0%
	Special Board Meetings	\$ 3,800	\$ 1,900	\$ 1,900	-50%
	Committee Meetings	\$ 10,600	\$ 10,600	\$ 10,600	0%
	CASA Meetings	\$ 8,900	\$ 9,700	\$ 9,700	9%
	CSDA Meetings	\$ 8,600	\$ 9,600	\$ 9,000	5%
	WateReuse Meetings	\$ 2,900	\$ 3,000	\$ 2,300	-21%
	CWEA Meetings	\$ 5,400	\$ 4,600	\$ 5,500	2%
	Miscellaneous Meetings	\$ 1,300	\$ 3,000	\$ 1,500	15%
	Total Directors' Compensation	\$ 53,000	\$ 53,900	\$ 52,000	-2%
01-45-0000-4320	Directors' Benefits				
	Health Insurance	\$ 33,500	\$ 35,900	\$ 37,700	13%
	Life Insurance	\$ 450	\$ 500	\$ 500	11%
	Dental Insurance	\$ 4,500	\$ 4,500	\$ 4,500	0%
	Vision Insurance	\$ 600	\$ 600	\$ 600	0%
	OPEB - Retirement Health	\$ 1,550	\$ 800	\$ -	-100%
	PERS	\$ 2,800	\$ 2,600	\$ 3,000	7%
	Total Directors' Benefits	\$ 43,400	\$ 44,900	\$ 46,300	7%
01-45-0000-4330	Directors' Conferences				
	CASA	\$ 21,000	\$ 21,000	\$ 21,000	0%
	CSDA	\$ 12,000	\$ 8,700	\$ 10,200	-15%
	WateReuse	\$ 8,000	\$ 5,900	\$ 6,000	-25%
	CWEA	\$ 5,000	\$ 7,300	\$ 9,300	86%
	Misc. Directors' Conference	\$ -	\$ 400	\$ 3,000	100%
	Total Directors' Conferences	\$ 46,000	\$ 43,300	\$ 49,500	8%
	Total Directors' Expenses	\$ 142,400	\$ 142,100	\$ 147,800	4%
4400	<u>Election</u>				
01-45-0000-4400	Total Election Expense	\$ 30,000	\$ 35,100	\$ -	-100%
4700	<u>Insurance</u>				
01-45-0000-4710	Liability Insurance	\$ 90,000	\$ 86,000	\$ 90,000	0%
01-45-0000-4715	Property Insurance	\$ 18,900	\$ 18,000	\$ 18,600	-2%
01-45-0000-4720	Self Insurance	\$ 5,000	\$ -	\$ 5,000	0%
	Total Insurance	\$ 113,900	\$ 104,000	\$ 113,600	0%

**Leucadia Wastewater District
Administrative Services
Fiscal Year 2018 Operating Budget
Expense Detail**

<u>Acct #</u>	<u>Description</u>	<u>FY 2017 Budget</u>	<u>FY 2017 Projected</u>	<u>FY 2018 Budget</u>	<u>% Change Bud to Bud</u>
4800	<u>Memberships</u>				
01-45-0000-4810	Professional & Employees				
	CSDA	\$ 6,100	\$ 6,640	\$ 7,100	16%
	WEFICWEA/SWRCB	\$ 3,600	\$ 5,000	\$ 5,000	39%
	CASA	\$ 9,000	\$ 8,600	\$ 8,800	-2%
	Chamber - Encinitas	\$ 250	\$ 250	\$ 300	20%
	Chamber - Carlsbad	\$ 800	\$ 800	\$ 900	13%
	WaterReuse	\$ 1,800	\$ 1,700	\$ 1,800	0%
	SDEA	\$ 600	\$ 600	\$ 600	0%
	SCAP	\$ 550	\$ 600	\$ 600	9%
	GFOA	\$ 200	\$ 200	\$ 200	0%
	CSMFO	\$ 200	\$ 200	\$ 200	0%
	Agua Hedionda World Water Day	\$ 800	\$ 800	\$ 800	0%
	Batiqitos Lagoon Foundation	\$ 1,800	\$ 2,500	\$ 2,500	39%
	N. County Human Resources (NCPA)	\$ 200	\$ 200	\$ 200	0%
	Total Memberships	\$ 25,900	\$ 28,090	\$ 29,000	12%
4900	<u>Office Expenses</u>				
01-45-0000-4910	Office and Cleaning Supplies	\$ 11,000	\$ 11,000	\$ 11,000	0%
01-45-0000-4920	Postage and Shipping	\$ 3,000	\$ 2,500	\$ 3,000	0%
01-45-0000-4925	File Archive Service	\$ 1,500	\$ 1,200	\$ 1,500	0%
01-45-0000-4930	Subscriptions:				
	Union Tribune	\$ 300	\$ 500	\$ 500	67%
	CA Chamber of Commerce	\$ 200	\$ 200	\$ 200	0%
	Misc. Publications	\$ 400	\$ 400	\$ 400	0%
	Hope Health Newsletter	\$ 400	\$ 400	\$ -	-100%
	Total Subscriptions	\$ 1,300	\$ 1,500	\$ 1,100	-15%
01-45-0000-4950	Computer Software and Misc. Hardware:				
	Accounting Software Support	\$ 7,400	\$ 7,500	\$ 7,500	1%
	Transfer Sewer Service Data to ASCI Format	\$ 800	\$ 500	\$ 600	-25%
	Update Website with Security & Feature Improvements	\$ 2,000	\$ 2,000	\$ 2,000	0%
	Miscellaneous Computer Equipment	\$ 6,000	\$ 5,000	\$ 6,000	0%
	Software Renewals, Maintenance & Upgrades	\$ 10,500	\$ 9,100	\$ 17,000	62%
	Total Computer Service	\$ 26,700	\$ 24,100	\$ 33,100	24%
01-45-0000-4960	Burglar & Fire Alarm	\$ 1,200	\$ 1,100	\$ 1,200	0%
	Total Office Expenses	\$ 44,700	\$ 41,400	\$ 50,900	14%

**Leucadia Wastewater District
Administrative Services
Fiscal Year 2018 Operating Budget
Expense Detail**

<u>Acct #</u>	<u>Description</u>	<u>FY 2017 Budget</u>	<u>FY 2017 Projected</u>	<u>FY 2018 Budget</u>	<u>% Change Bud to Bud</u>
5200	<u>Professional Services</u>				
01-45-0000-5220	Legal Service				
	Board Meeting Attendance & Preparation	\$ 12,000	\$ 12,000	\$ 12,000	0%
	Misc. Legal Services	\$ 38,000	\$ 28,000	\$ 38,000	0%
	Total Legal Services	\$ 50,000	\$ 40,000	\$ 50,000	0%
01-45-0000-5225	Financial Service				
	OPEB Actuarial	\$ -	\$ -	\$ 7,900	100%
	PERS Actuarial	\$ 1,300	\$ 1,300	\$ 1,700	31%
	Investment Mgmt. Services	\$ 10,000	\$ 13,500	\$ 14,000	40%
	Financial Plan Update	\$ -	\$ -	\$ 50,000	100%
	Total Financial Services	\$ 11,300	\$ 14,800	\$ 73,600	551%
01-45-0000-5226	Network Support/Consulting Services	\$ 30,000	\$ 26,000	\$ 32,200	7%
01-45-0000-5227	Management Support Services				
	Strategic Planning Facilitator	\$ 10,000	\$ 10,000	\$ -	-100%
	General Services	\$ 42,000	\$ 15,000	\$ 35,000	-17%
	Total Management Support Services	\$ 52,000	\$ 25,000	\$ 35,000	-33%
01-45-0000-5230	Health Broker's Fees	\$ 500	\$ -	\$ 500	0%
01-45-0000-5240	Auditor				
	Annual Audit	\$ 22,100	\$ 22,100	\$ 22,100	0%
	Total Auditor	\$ 22,100	\$ 22,100	\$ 22,100	0%
01-45-0000-5250	Bank Fees	\$ 8,000	\$ 8,100	\$ 8,200	3%
01-45-0000-5260	Public Information				
	Outreach Program	\$ 50,000	\$ 50,000	\$ 50,000	0%
	Open House Event	\$ -	\$ 12,000	\$ 36,000	100%
	Total Public Information	\$ 50,000	\$ 62,000	\$ 86,000	72%
	Total Professional Services	\$ 223,900	\$ 198,000	\$ 307,600	37%
5300	<u>Printing & Publishing</u>				
01-45-0000-5310	Advertising	\$ 4,000	\$ 4,500	\$ 4,500	13%
01-45-0000-5320	Printing (Newsletter Publishing)	\$ 25,000	\$ 15,000	\$ 25,000	0%
	Total Printing & Publishing	\$ 29,000	\$ 19,500	\$ 29,500	2%
5400	<u>Rents & Leases</u>				
01-45-0000-5420	Office Equipment Rental				
	Postage Meter	\$ 700	\$ 300	\$ 500	-29%
	Copier Lease/Maintenance Contract	\$ 11,000	\$ 10,000	\$ 11,000	0%
		\$ 11,700	\$ 10,300	\$ 11,500	-2%
	Total Rents & Leases	\$ 11,700	\$ 10,300	\$ 11,500	-2%

**Leucadia Wastewater District
Administrative Services
Fiscal Year 2018 Operating Budget
Expense Detail**

<u>Acct #</u>	<u>Description</u>	<u>FY 2017 Budget</u>	<u>FY 2017 Projected</u>	<u>FY 2018 Budget</u>	<u>% Change Bud to Bud</u>
5500	<u>Repair & Maintenance</u>				
01-45-0000-5570	Office Equipment Repair & Maintenance				
	Telephone Equipment	\$ 500	\$ 200	\$ 500	0%
	Computers, Printers, Fax	\$ 1,000	\$ 500	\$ 1,000	0%
	Total Repairs & Maintenance	\$ 1,500	\$ 700	\$ 1,500	0%
5700	<u>Training and Development</u>				
01-45-0000-5710	Training, Education & Conferences	\$ 37,700	\$ 36,500	\$ 37,700	0%
01-45-0000-5720	Mileage & Transportation	\$ 500	\$ 200	\$ 300	-40%
01-45-0000-5735	Employee Recognition	\$ 7,000	\$ 7,000	\$ 7,000	0%
01-45-0000-5740	Meeting Supplies	\$ 2,000	\$ 2,000	\$ 2,000	0%
	Total Travel & Conferences	\$ 47,200	\$ 45,700	\$ 47,000	0%
5900	<u>Utilities</u>				
01-45-0000-5910	Telephone				
	Answering Service	\$ 1,100	\$ 1,100	\$ 1,100	0%
	Elevator/Emergency Phone Service	\$ 3,600	\$ 2,400	\$ 2,600	-28%
	Telephone/Internet Service	\$ 17,100	\$ 17,600	\$ 18,000	5%
	Cellular Phone Service	\$ 10,000	\$ 11,300	\$ 12,300	23%
	Web Page Hosting	\$ 1,800	\$ 1,600	\$ 1,800	0%
	Total Utilities	\$ 33,600	\$ 34,000	\$ 35,800	7%
6000	<u>Unclassified</u>				
01-45-0000-6100	LAFCO Operations	\$ 9,000	\$ 6,500	\$ 8,000	-11%
	Total Unclassified	\$ 9,000	\$ 6,500	\$ 8,000	-11%
TOTAL ADMINISTRATION EXPENSES		\$ 712,800	\$ 665,390	\$ 782,200	10%

LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2018 BUDGET DEVELOPMENT

Program Overview:

The FY18 Development Budget reflects the expenses associated with new development as it relates to the connection into the LWD's Sewer System. LWD development projects can range in scope from the connection of a sewer lateral from a single-family residence to the construction of new sewer mains and lateral connections from a large residential development. LWD Ordinance No. 119 stipulates that expenses for new development are to be paid for by the developer. Towards this end, the Development Budget consists of the following components:

Field Services Expenses: Field Services Department (FSD) staff is responsible for support functions associated with the connection of sewer service for new development. FSD support functions include the processing of requests for new connections and sewer pipelines to ensure compliance with LWD's Standard Specifications. All staff time associated with development activities is funded by the developer.

Professional Services: LWD out-sources engineering and inspection services. Engineers and inspectors work closely with LWD staff to review plans and specifications and inspect new facilities to ensure compliance with LWD's Standard Specifications. All engineering service fees associated with development activities are funded by the developer.



**Leucadia Wastewater District
Development Services
Fiscal Year 2018 Operating Budget
Expense Summary**

Account	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
	Development Expenses:				
	Labor:				
	Salaries & Benefits	\$ 5,410	\$ 3,400	\$ 4,202	-22%
	Non-Labor Expenses:				
5200	Professional Services				
5210	District Engineering Services	\$ 120,000	\$ 60,000	\$ 100,000	-17%
5220	Legal Services	\$ 4,000	\$ 2,000	\$ 4,000	0%
5221	LAFCO Fees - Annexation	\$ 6,000	\$ 3,000	\$ 9,000	50%
5222	State Board - Annexation Fees	\$ 1,000	\$ 900	\$ 900	-10%
	Total Professional Services	\$ 131,000	\$ 65,900	\$ 113,900	-13%
	Total Development Expenses	\$ 136,410	\$ 69,300	\$ 118,102	-13%

LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2018 CAPITAL BUDGET CAPITAL ACQUISITIONS

Program Overview:

The District's Capital Acquisition Program funds the purchase and procurement of equipment and services that typically have a value greater than \$5,000 and a useful life greater than 1 year. However, these expenditures are not of a magnitude that they are considered construction projects and are therefore not included in the District's annual Capital Improvement Program.



Wastewater Facilities equipment purchases and activities are funded through non-operating revenues and Capital Expenditure Reserves.

Recycled Water Facilities equipment purchases and activities are funded through the sale of recycled water and the Water Recycling Reserve Account and are necessitated by replacement related needs. Water Recycling expenditures do not impact the District's sewer service charge.

For the Wastewater Facilities, key components of the FY18 Capital Acquisition Program include the purchase of a new large truck to tow the by-pass pumps, a confined space entry equipment trailer, and replacement of critical sewer maintenance equipment. In addition, LWD will also replace telephone equipment. The key component of the Recycled Water Facilities is the replacement of the irrigation pumps and the refrigerated sampler.

**Leucadia Wastewater District
Fiscal Year 2018 Capital Budget
Capital Acquisition Expense Summary**

Account	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
Wastewater (LWD Facilities)					
6310	Vehicle Acquisition	\$ 200,000	\$ 199,800	\$ 113,000	-44%
6320	Buildings & Grounds	\$ -	\$ -	\$ 25,000	100%
6350	Sewer Maintenance Equipment	\$ 170,000	\$ 101,200	\$ 47,500	-72%
6360	Office Equipment	\$ 50,500	\$ 49,400	\$ 40,300	-20%
6380	Pump Station Equipment	\$ 58,800	\$ 45,300	\$ -	-100%
Wastewater (Batiquitos Facilities)					
6380	Pump Station Equipment	\$ 21,500	\$ 18,200	\$ 11,500	-47%
Recycled Water					
6390	AWT Equipment	\$ -	\$ 9,000	\$ 21,500	100%
Total Capital Acquisition		\$ 500,800	\$ 422,900	\$ 258,800	-48%

**Leucadia Wastewater District
Fiscal Year 2018 Capital Budget
Capital Acquisition Expense Detail**

Acct #	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
6300	Capital Acquisitions				
Wastewater (Leucadia Facilities)					
50-99-0000- 6310	Vehicle Acquisition				
	CCTV Van	\$ 200,000	\$ 199,800	\$ -	-100%
	Large Truck	\$ -	\$ -	\$ 80,000	100%
	Confined Space Entry Equipment Trailer	\$ -	\$ -	\$ 33,000	100%
	Subtotal Vehicle Acquisition	\$ 200,000	\$ 199,800	\$ 113,000	-44%
50-99-0000- 6320	Buildings & Grounds				
	Refurbish Landscaping at Entrance	\$ -	\$ -	\$ 25,000	100%
	Subtotal Vehicle Acquisition	\$ -	\$ -	\$ 25,000	100%
50-99-0000- 6350	Sewer Maintenance Equipment				
	Vactor Nozzle Kit	\$ 5,000	\$ 3,100	\$ 5,000	0%
	Replace CCTV Equipment	\$ 20,000	\$ 19,800	\$ 20,000	0%
	Critical Inventory (Domes/Rings/Couplings)	\$ 16,000	\$ 15,500	\$ 16,000	0%
	Replace ADS Meters (7)	\$ 54,000	\$ 15,100	\$ -	-100%
	Portable By-Pass Pump	\$ 75,000	\$ 47,700	\$ -	-100%
	Replace 2 Gas Monitors	\$ -	\$ -	\$ 6,500	100%
	Subtotal Sewer Maintenance Equipment	\$ 170,000	\$ 101,200	\$ 47,500	-72%
50-99-0000- 6360	Office Equipment				
	Replace Computer Workstations	\$ 33,500	\$ 30,500	\$ 9,600	-71%
	Upgrade Server Software to Exchange 2016	\$ 17,000	\$ 18,900	\$ -	-100%
	Replace Telephone System	\$ -	\$ -	\$ 19,700	100%
	Back up SCADA Server	\$ -	\$ -	\$ 11,000	100%
	Subtotal Office Equipment	\$ 50,500	\$ 49,400	\$ 40,300	-20%
50-99-0000- 6380	Pump Station Equipment				
	Milltronics Units (3)	\$ 6,700	\$ 6,700	\$ -	-100%
	Replace Generator Emergency Plugs	\$ 35,000	\$ 23,100	\$ -	-100%
	Replace Surge Tank Compressor @ LPS	\$ 9,000	\$ 10,200	\$ -	-100%
	Replace Ozone Monitor	\$ 3,900	\$ 2,300	\$ -	-100%
	Replace Check Valves & Valve Handwheels @ RVPS	\$ 4,200	\$ 3,000	\$ -	-100%
	Subtotal Pump Station Equipment	\$ 58,800	\$ 45,300	\$ -	-100%

**Leucadia Wastewater District
Fiscal Year 2018 Capital Budget
Capital Acquisition Expense Detail**

Acct #	Description	FY 2017 Budget	FY 2017 Projected	FY 2018 Budget	% Change Bud to Bud
Wastewater (Batiquitos Joint Facilities)					
50-99-0022- 6380	Pump Station Equipment				
	Replace Ozone Monitor	\$ 3,900	\$ 2,300	\$ -	-100%
	Replace Automatic Gate	\$ 17,600	\$ 15,900	\$ -	-100%
	Spare Main Breaker	\$ -	\$ -	\$ 11,500	100%
	Subtotal Pump Station Equipment	\$ 21,500	\$ 18,200	\$ 11,500	-47%
TOTAL WASTEWATER FACILITIES		\$ 500,800	\$ 413,900	\$ 237,300	-53%
Recycled Water Facilities					
50-99-0019- 6390	AWT Equipment				
	Refrigerated Sampler	\$ -	\$ -	\$ 7,500	100%
	Replace Irrigation Pumps	\$ -	\$ -	\$ 14,000	100%
	Replace Secondary VFD's	\$ -	\$ 9,000	\$ -	100%
	Subtotal AWT Equipment	\$ -	\$ 9,000	\$ 21,500	100%
TOTAL RECYCLED WATER FACILITIES		\$ -	\$ 9,000	\$ 21,500	100%
Total Capital Acquisitions		\$ 500,800	\$ 422,900	\$ 258,800	-48%

**LEUCADIA WASTEWATER DISTRICT
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS SUMMARY
FISCAL YEAR 2018**

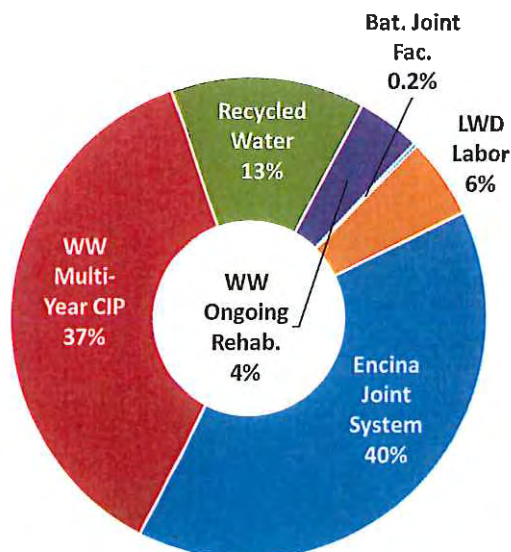
Location Code	Projects	Prior Appropriations	Projected Cumulative Expenditures	Projected Remaining Appropriations	Projected Carryover	FY 2018 Appropriation	Projected Remaining CIP Appropriation
		1	2	3 = (1 - 2)	4	5	6 =(4 + 5)
Wastewater Program							
<i>Leucadia Facilities Multi-year CIP:</i>							
0345	Leucadia Force Main (L1) West Section Repl.	\$ 1,709,400	\$ 1,064,900	\$ 644,500	\$ 644,500	\$ -	\$ 644,500
0353	FY 2016 Gravity Pipeline Rehabilitation	\$ 666,000	\$ 381,700	\$ 284,300	\$ 284,300	\$ -	\$ 284,300
0354	Village Park No. 5 Pump Station Replacement	\$ 893,500	\$ 765,900	\$ 127,600	\$ 127,600	\$ 43,000	\$ 170,600
0357	La Costa Golf Course Gravity Line Imprv.	\$ 362,500	\$ 23,600	\$ 338,900	\$ 338,900	\$ -	\$ 338,900
0358	Leucadia Pump Station Rehabilitation	\$ 307,000	\$ 42,500	\$ 264,500	\$ 264,500	\$ -	\$ 264,500
0359	FY 2017 Gravity Pipeline Rehabilitation	\$ 455,600	\$ 42,200	\$ 413,400	\$ 413,400	\$ -	\$ 413,400
0363	FY 2018 Gravity Pipeline Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ 615,000	\$ 615,000
0364	Encinitas Estates Pump Station Replacement	\$ -	\$ -	\$ -	\$ -	\$ 1,195,000	\$ 1,195,000
0365	Orchard Wood Rd. Sewer Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ 194,700	\$ 194,700
0366	Force Main Corrosion Control	\$ -	\$ -	\$ -	\$ -	\$ 56,300	\$ 56,300
0368	Asset Management Plan Update	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
0369	HQ Building Metering Switchboard Installation	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 90,000
	Leucadia Multi-year CIP Total:	\$ 4,394,000	\$ 2,320,800	\$ 2,073,200	\$ 2,073,200	\$ 2,294,000	\$ 4,367,200
<i>Leucadia Facilities Ongoing Rehabilitation:</i>							
0077	Misc. Pipeline / Manhole Rehabilitation	\$ 265,000	\$ 115,000	\$ 150,000	n/a	\$ 163,000	\$ 163,000
0323	Lateral Repl. / Backflow Preventer Program	\$ 100,000	\$ 35,000	\$ 65,000	n/a	\$ 102,000	\$ 102,000
	Leucadia Rehab Total:	\$ 365,000	\$ 150,000	\$ 215,000	n/a	\$ 265,000	\$ 265,000
<i>Batiquitos Joint Facilities:</i>							
0361	Poinsettia Station Gravity Pipeline Project	\$ 766,000	\$ 66,600	\$ 699,400	\$ 699,400	\$ 15,000	\$ 714,400
	Jointly-Owned Facilities Total:	\$ 766,000	\$ 66,600	\$ 699,400	\$ 699,400	\$ 15,000	\$ 714,400
0072	<i>Encina Joint System:</i>						
	Capital Improvement Projects	\$ 7,479,043	\$ 4,576,302	\$ 2,902,741	\$ 2,902,741	\$ 2,278,968	\$ 5,181,709
	Planned Asset Replacement	\$ 116,917	\$ 103,176	\$ 13,741	n/a	\$ 123,335	\$ 123,335
	Capital Acquisitions	\$ 26,947	\$ 16,325	\$ 10,622	n/a	\$ 50,988	\$ 50,988
	EWA Capital Program Total	\$ 7,622,907	\$ 4,695,803	\$ 2,927,104	\$ 2,902,741	\$ 2,453,291	\$ 5,356,032
Recycled Water Program							
<i>Recycled Water Projects:</i>							
0328	North SD Water Reuse Coalition Project	\$ 315,000	\$ 205,900	\$ 109,100	\$ 109,100	\$ -	\$ 109,100
0356	New Recycled Water Pump Station Design	\$ 96,000	\$ 78,000	\$ 18,000	\$ 18,000	\$ -	\$ 18,000
0360	Gafner AWT Improvements	\$ 507,000	\$ 129,800	\$ 377,200	\$ 377,200	\$ 381,000	\$ 758,200
0367	B1 Force Main - North Section Replacement	\$ -	\$ -	\$ -	\$ -	\$ 440,000	\$ 440,000
	Recycled Water Program Total:	\$ 918,000	\$ 413,700	\$ 504,300	\$ 504,300	\$ 821,000	\$ 1,325,300
0302	Professional Services	\$ 23,500	\$ -	\$ 23,500	n/a	\$ 30,000	\$ 30,000
0499	LWD Labor	\$ 397,979	\$ 326,000	\$ 71,979	n/a	\$ 334,327	\$ 334,327
	CAPITAL PROGRAM TOTAL	\$ 14,487,386	\$ 7,972,903	\$ 6,514,483	\$ 6,179,641	\$ 6,212,618	\$ 12,392,259

LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2018 CAPITAL BUDGET CAPITAL IMPROVEMENT PROGRAM

Program Overview

The Capital Improvement Program (CIP) represents a plan for all improvements to the existing Leucadia Wastewater District (LWD) infrastructure and facilities, including additions, replacement and rehabilitation. The 2013 Asset Management Plan (AMP) serves as the District's infrastructure replacement and rehabilitation plan. Included in the AMP is a 20-Year CIP Financial Plan that provides an estimate of the expenditures needed to improve and maintain the facilities up to 2033. The CIP budget attempts to integrate all of the planning aspects of the AMP and the CIP Financial Plan into a document that serves as a tool to provide management control of capital expenditures.

The Fiscal Year 2018 (FY18) CIP continues the capital budgeting approach established in FY04. The funds appropriated in prior fiscal years for certain CIP projects, that have not been expended, will be carried over into FY18. The purpose of the carryover is twofold: 1) to avoid re-budgeting the same funds for those projects that will overlap fiscal years and 2) to allow better financial management of the CIP. Prior appropriations will be carried over for only those identified CIP projects that have a finite life and not for annual unspecified rehabilitation or repair projects, professional services or LWD Labor. The FY18 Budget includes carryover appropriations for the Leucadia Force Main (L1) West Section Replacement, FY 2016 Gravity Line Rehabilitation, Village Park No. 5 Pump Station Replacement, La Costa Golf Course Gravity Line Improvements, Leucadia Pump Station Rehabilitation, FY 2017 Gravity Pipeline Rehabilitation, Poinsettia Station Gravity Pipeline Project, Encina Capital Improvement Projects, Gafner AWT Improvements, and the North San Diego Water Reuse Coalition (NSDWRC) Project. Additional appropriations are added in FY18 for the continued construction of FY17 projects which include the Village Park No. 5 Pump Station Replacement, Poinsettia Station Gravity Pipeline Project, and Gafner AWT Improvements. In addition, new appropriations are included for the, FY 2018 Gravity Pipeline Rehabilitation, Encinitas Estates Pump Station Replacement, Orchard Wood Road Sewer Rehabilitation, Force Main Corrosion Control, Asset Management Plan Update, Headquarters Building Metering Switchboard project, and B1 Northern Section Replacement.



The CIP is separated into the following categories: Wastewater Enterprise Multi-year CIP Projects, Wastewater Enterprise Ongoing Rehabilitation, Batiquitos Jointly Owned Facilities, Encina Joint System Capital Program, Recycled Water Program, Professional Services, and LWD Labor. The Wastewater Enterprise Multi-year CIP and Batiquitos Jointly Owned Facilities Projects are designed to meet the District's major rehabilitation and replacement needs. Due to the increase in Closed Circuit Television (CCTV) Inspections, LWD also maintains an Ongoing Rehabilitation program to perform more routine capital repairs to manholes and sewer lines. The Encina Joint System Capital Program items reflect LWD's commitment, as a joint owner of the Encina Joint System, to the replacement and expansion of those treatment facilities. The Professional Services account funds outsourced engineering service that are intended to act as

an extension of LWD staff. LWD Labor reflects the level of staff effort needed to implement and administer the CIP. The pie chart summarizes the costs associated with each of the components. The following pages summarize the specific CIP Projects that are ongoing or proposed for FY18.

LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2018 CAPITAL BUDGET CAPITAL IMPROVEMENT PROGRAM DETAIL SUMMARY

Wastewater Enterprise Multi-year CIP

Leucadia Force Main (L1) West Section Replacement (Location Code No. 0345)

In February 2014, it was determined that due to the high cost of internal inspection of the Leucadia (L1) Force Main that the District should not perform the assessment of the entire length of L1 at this time. This determination was based on the fact that the District maintains redundant Leucadia Force Mains (L1 and L2). There is a small risk associated with not evaluating L1, however, this risk is manageable given the excellent condition of the redundant L2 Force Main, which is constructed primarily of high grade polyvinyl chloride (PVC) pipe. Therefore, a more beneficial and prudent use of funds would be to replace the western section of L1 that, as a result of destructive testing, was found to have significant internal corrosion. In FY15 funds were appropriated for L1 West Section Replacement Project design with the intent that the construction costs would be appropriated in FY16. Project design commenced during FY15. In FY16 an appropriation was added for the estimated construction costs. Construction of the project commenced in March 2017 with an estimated completion date of July 2017. No additional appropriation is needed for FY18.

FY18 Total Appropriations

None

FY 2016 Gravity Pipeline Rehabilitation Project (Location Code No. 0353)

As a result of Closed Circuit Television (CCTV) inspections of the collection systems by Field Services staff, significant defects are being discovered in numerous pipeline segments that require rehabilitation or repair to prevent Sanitary Sewer Overflows (SSO). For example, a section of Vitrified Clay Pipe (VCP) in the La Costa Resort & Spa south golf course requires rehabilitation due to significant infiltration and surcharging. VCP segments in EL Camino Real, Obelisco Circle, Estrella Del Mar, Costa Del Mar and Phoebe Street require rehabilitation due to cracking, offset joints and root intrusion. Construction on the project is complete. However, project deficiencies are being resolved that delay project close out. No additional appropriation is needed for FY18.

FY18 Total Appropriations

None

Village Park No. 5 Pump Station Replacement (Location Code No. 0354)

The 2013 Asset Management Plan (AMP) recommended that a pump station condition assessment be completed to evaluate all components (controls, electrical, mechanical, and structural) of all District pump stations. Infrastructure Engineering Corporation (IEC) completed the pump station assessment and recommended that the Village Park No. 5 Pump Station be replaced with a submersible pump station. Replacing the Smith and Loveless packaged pump station with a submersible pump station will improve operations and maintenance accessibility and provide a safer environment for field services staff. Funds were appropriated in FY16 for project design and construction. The project is currently under construction. Due to the actual construction cost being nearly equal to the budgeted construction cost, which included a contingency, an additional amount to increase project contingency is needed.

FY18 Total Appropriations

\$43,000

La Costa Golf Course Gravity Line Improvements (Location Code No. 0357)

During the design phase for the 2016 Gravity Pipeline Rehabilitation Project, it was noted that a section of the La Costa Golf Course gravity line that was designated for repair was exposed where it crossed San Marcos Creek. Emergency Cured-In-Place Pipe (CIPP) lining of the exposed section was completed in November 2015 as a temporary structural reinforcement of the pipeline in anticipation of the predicted

El Niño weather pattern. Due to the complexity involved with the permanent repair of the San Marcos Creek crossing and the remaining section of the gravity line in the golf course, other repair or pipeline realignment options were evaluated, and it was decided to separate the rehabilitation of this line into its own project. The funds appropriated in FY17 were for the estimated project design and construction costs. Project design is nearing completion with construction anticipated in October 2017. No additional appropriation is needed for FY18.

FY18 Total Appropriations

None

Leucadia Pump Station Rehabilitation (Location Code No. 0358)

The 2013 AMP recommended that a pump station condition assessment be completed to evaluate all District pump stations components (controls, electrical, mechanical, and structural). IEC completed the pump station assessment and recommended improvements for the Leucadia Pump Station. Improvements to be completed include installing suction piping in the emergency overflow wet well for by-pass pumping, replace broken valve on surge valve air piping, install unions for disconnection; replace scrubber fan housing and fan; spot repair wet well lining; replace fresh air fan, and duct with new fiberglass reinforced plastic fan and ductwork. No additional appropriation is needed for FY18.

FY18 Total Appropriations

None

FY 2017 Gravity Pipeline Rehabilitation Project (Location Code No. 0359)

As a result of CCTV inspections by field services staff, significant defects are continuously being discovered in numerous pipeline segments that require rehabilitation or repair to prevent Sanitary Sewer Overflows (SSO). For example, a section of VCP in Caudor Street has significant multiple cracks. A VCP segment located in an easement off of Doris and Crest Streets has a major offset joint. Another VCP line in Mountain Vista Drive has significant cracks and root intrusion. Two segments in a VCP line near Quebrada Street have major sagging with heavy grit and grease accumulation. During project design it was determined that the section near Quebrada Street can be realigned into a City of Carlsbad storm water easement. The realignment will facilitate the abandonment of the deficient line and significantly improve maintenance operations. Coordination with Carlsbad is ongoing and may require an encroachment agreement. Project design is in progress. No additional appropriation is needed for FY18.

FY18 Total Appropriations

None

FY 2018 Gravity Pipeline Rehabilitation Project (Location Code No. 0363)

Field Service Staff continues CCTV inspections of the collection system. As a result, significant defects are continuously being discovered in numerous pipeline segments that require rehabilitation or repair to prevent Sanitary Sewer Overflows (SSO). Staff uses the Repair Priority List to maintain a listing of gravity pipeline and manhole defects requiring repair or rehabilitation. For this project, eight line segments, six pipeline spot repairs and eleven manholes have been identified for repair or rehabilitation. An appropriation of \$615,000 is needed in FY18 for project design and construction.

FY18 Total Appropriations

\$615,000

Encinitas Estates Pump Station Replacement (Location Code No. 0364)

The 2013 AMP recommended that a pump station condition assessment be completed to evaluate all components (controls, electrical, mechanical, and structural) of all District pump stations. IEC completed the pump station assessment and recommended that the Encinitas Estates Pump Station be replaced with a submersible pump station. Replacing the Smith and Loveless packaged pump station with a submersible pump station will improve operations and maintenance accessibility and provide a safer environment for field services staff. The FY18 appropriation is needed for project design and construction.

FY18 Total Appropriations

\$1,195,000

Orchard Wood Road Line Repair Project (Location Code 0365)

The gravity pipeline in an easement at the end of Orchard Wood Road in the City of Encinitas has a major sag which causes a significant amount of grit and grease to accumulate in the line. This line segment is on the Special Maintenance Activity (SMA) list and requires frequent cleaning. The segment is listed as a top priority line on the Repair Priority List. However, the easement is located in an environmentally sensitive area south and east of the intersection of El Camino Real and Olivenhain Road. It is anticipated that the repair or rehabilitation of this line will require California Environmental Quality Act (CEQA) compliance. Therefore, it has been designated as a separate project from the FY18 Gravity Pipeline Rehabilitation project. The FY18 appropriation is for design and construction of the project.

FY 18 Total Appropriations **\$194,700**

Force Main Corrosion Control (Location Code No. 0366)

The implementation of the 2013 AMP requires the annual cathodic inspection of the Leucadia (L1 and L2) and Batiquitos (B2 and B3) Force Mains. RFYeager Engineering, corrosion engineers, completes the annual force main cathodic protect inspection. The FY16 Inspection Report recommended that the District replace two sacrificial anodes (one test station) on the L2 Force Main and four sacrificial anodes (two test stations) on the B3 Force Main within two years. The FY17 Inspection Report recommended the replacement of two additional sacrificial anodes (one test station) on the L2 Force Main. The appropriation for FY18 is for design and installation of the replacement anodes as recommended.

FY 18 Total Appropriations **\$56,300**

Asset Management Plan Update (Location Code No. 0368)

The AMP, completed in June 2008 and updated in January 2013, was developed as result of the District's transition from a "growth" mode for capital projects to a "replacement" mode. The AMP identifies near term (5 year) projects and associated cost estimates for the Capital Improvement Program and predicts long term expenditures (out to 20 years) for insertion into the District's Financial Plan. The 2013 AMP Update is in its fourth year of implementation and requires updating. The amount appropriated is to complete the update.

FY 18 Total Appropriation **\$100,000**

Headquarters Building Metering Switchboard Installation (Location Code No. 0369)

All facilities on the District's campus receive electric power through a single meter. Shifting the electric rate for Leucadia Pump Station and Gafner Advanced Water Treatment Facility to an agricultural pumping rate (ag rate) will result in a significant reduction in electric costs to operate those facilities. To accomplish this rate shift, the Headquarters Building (HQ Bldg) will need to be removed from the current electric meter and placed on a separate metering switchboard. The FY18 appropriation is needed to procure, install and connect the new metering switchboard.

FY 18 Total Appropriation **\$90,000**

Wastewater Enterprise Ongoing Rehabilitation

Miscellaneous Pipeline Rehabilitation (Location Code No. 0077)

The Miscellaneous Pipeline Rehabilitation account is used to rehabilitate, reline or replace pipelines and manholes that require immediate attention. The necessary repairs are identified through LWD's CCTV inspections. The raising of manholes, as part of Carlsbad's and Encinitas' annual street overlay projects, is paid from this account. Additionally, urgent unforeseen repairs to the collection system, such as loose manhole covers due to broken manhole rings, are repaired with this appropriation.

FY18 Total Appropriations **\$163,000**

Lateral Replacement / Backflow Preventer Program (Location Code No. 0323)

In a typical sewer collection system, broken/leaking laterals are responsible for 30% to 70% of Inflow and Infiltration (I&I). This represents a potential for significantly decreasing the capacity of the sewer mains and treatment plant, resulting in sewer spills, beach closures, house flooding, and NPDES violations. Therefore, eliminating I&I through repair/replacement of damaged/leaking private laterals ensures collection system integrity and protects public health. Additionally, although most builders comply with the Uniform Plumbing Code requirement to install back flow prevention devices in house laterals where the lowest drain is lower than the rim of the upstream manhole, homes built before 2000 either do not have these devices or the devices no longer work properly due to poor or no maintenance. The implementation of a District re-imbursement program, of up to \$3000 per residence, for lateral replacement and backflow preventer installation is an effective and efficient way to ensure public health and safety and for environmental protection.

FY18 Total Appropriations **\$102,000**

Batiquitos Jointly Owned Facilities

Poinsettia Station Gravity Line Project (Location Code No. 0361)

SANDAG and the North County Transit District (NCTD) will construct an underground passenger tunnel to link both sides of the passenger platform at the Poinsettia Train Station in Carlsbad. To accomplish this, the train tracks will be shifted to the west. As a result, the District will have to extend the casements surrounding the Lanikai Trunk Sewer and Secondary Effluent Force Main (B1) which run under the train tracks. Additionally, the District will construct a second parallel encased gravity pipeline under the tracks, within the NCTD right of way, as part of this project. This will enable the construction of the second parallel gravity line to be completed under the permits issued for the Poinsettia Station project, saving the District considerable time and costs. The FY 18 appropriation of \$15,000 is needed for continued District Engineer consulting support.

FY18 Total Appropriations **\$15,000**

Encina Joint System

EWA Capital Program (Location Code No. 0072)

This account includes prorated appropriations, based on the LWD's ownership of the EWA Joint System, required to fund its Capital Program costs. The District's prorated budget is estimated based on a factor of **16.8%**, which represents the LWD's weighted ownership of the EWA Unit I (Plant) and Unit J (Ocean Outfall) facilities. The LWD will be assessed fees based on its actual ownership of the facilities being improved as part of the EWA's quarterly billing process.

The proposed FY18 EWA budget includes funding for the FY18 Major Rehabilitation Projects, Planned Asset Replacement, Capital Acquisition, EWA Labor, and Professional Services. LWD's portion of this work totals \$2,453,291 with \$2,278,968 for Capital Projects, \$123,335 for Planned Asset Replacement and \$50,988 for Capital Acquisitions.

FY18 Total Appropriations **\$2,453,291**

Recycled Water Facilities

North San Diego Water Reuse Coalition Project (NSDWRCP) (Location Code No. 0328)

The District is one of ten agencies that participate in the NSDWRCP. The first phase of the project was to complete a study to assist North San Diego County water and wastewater agencies to identify the benefits of regionalizing their existing systems and planned reclamation projects to further maximize the production and use of recycled water. The study identified new local and regional recycled water projects that will provide additional recycled water supplies to the local water agencies beyond what they could produce or utilize individually. The individual projects were combined into the NSDWR Regional Recycled Water Project (Project). The Project and the associated Feasibility Study is being used to apply for US Bureau of Reclamation Title XVI grant funds, San Diego Integrated Regional Water Management Proposition 84 grant funding and Water Resources Reform and Development Act funding for the construction of various recycled water facilities identified in the study within each of the north county agencies. The lobbying contract has been executed with The Furman Group to lobby for the Title XVI and WRDA funds. There are sufficient prior year carryover funds to cover the FY18 lobbying expenses, therefore no additional funds are requested this year

FY18 Total Appropriations **None**

New Recycled Water Pump Station (Location Code No. 0356)

As a result of LWD's partnership in the NSDCWRCP, the District has a \$90,000 allocation of grant funds from Proposition 84 (Prop 84) for the design of a recycled water pump station. This pump station is needed to deliver water from Gafner AWT to the recycled water distribution system of either or both the City of Carlsbad and Olivenhain Municipal Water District. The preliminary design phase of the recycled water pump station has been completed and the request for reimbursement has been submitted. Residual funds are sufficient for administrative tracking of the grant funding request. No additional appropriation is needed for FY18.

FY18 Total Appropriations **None**

Gafner Advanced Water Treatment (AWT) Improvements (Location Code No. 0360)

The 2013 AMP recommended a condition assessment of the Gafner AWT facilities to evaluate the condition of all components (controls, electrical, mechanical and structural) of the plant. IEC completed the assessment in FY16. As a result of the assessment recommended improvements to the Gafner AWT include replace handrails; replace fail safe valve and actuator; replace the rapid, coagulation and chlorine mixers; replace the turbidity and conductivity meters; and rehabilitate the influent well. The contract for project construction was awarded in April 2017. However, the contract cost was over the budgeted amount for construction. An additional appropriation of 381,000 is to need to cover the cost of construction and a ten percent contingency.

FY18 Total Appropriations **\$381,000**

Secondary Effluent Force Main (B1) - North Section Replacement (Location Code No. 0367)

In October 2016, the Secondary Effluent Force Main (B1) that transports secondary effluent from the Encina Water Pollution Control Facility back to the Gafner Advanced Water Treatment Facility (Gafner) failed. The B1 is a 16-inch ductile iron pipe. The failure occurred on Encina Wastewater Authority property. Approximately 40 feet of the force main was repaired. The removed section was evaluated by RFYeager Engineering, corrosion engineers. The evaluation determined that there is a likelihood that internal corrosion has occurred in the adjacent sections of pipe and there is a high risk of future failures occurring. This project will replace approximately 850 feet of the B1 from the effluent pump station to just beyond the October 2016 failure point. The FY18 appropriation is needed for project design and construction.

FY18 Total Appropriations **\$440,000**

Professional Services (Location Code No. 0302) **\$30,000**

LWD Labor (Location Code No. 0499) **\$334,327**

TOTAL NEW FY18 CIP APPROPRIATIONS	\$ 6,212,618
TOTAL PRIOR YEAR CARRYOVER	\$ 6,179,641
TOTAL CIP APPROPRIATIONS	\$ 12,392,259



**LEUCADIA WASTEWATER DISTRICT
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS
FISCAL YEAR 2018**

Description	Account No.	FY 2017 Budget	FY 2018 Budget	Cost Allocation Growth	Replacement
Leucadia Facilities Multi-year Projects					
Leucadia (L1) Force Main West Section Replacement	0345			0%	100%
Direct Labor	50-51-0345-4110	\$ 4,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0345-5211	\$ 22,900	\$ -	\$ -	\$ -
Office Engineering	50-51-0345-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0345-5212	\$ 11,500	\$ -	\$ -	\$ -
District Engineering Services	50-51-0345-5213	\$ 5,000	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0345-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0345-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0345-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0345-6499	\$ 228,600	\$ -	\$ -	\$ -
Total Leucadia Force Main W. Section Replacement		\$ 272,000	\$ -	\$ -	\$ -
FY 2016 Gravity Pipeline Rehabilitation	0353			0%	100%
Direct Labor	50-51-0353-4110	\$ -	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0353-5211	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0353-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0353-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0353-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0353-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0353-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0353-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0353-6499	\$ -	\$ -	\$ -	\$ -
Total FY 2016 Gravity Pipeline Rehabilitation		\$ -	\$ -	\$ -	\$ -
Village Park No. 5 Pump Station Replacement	0354			0%	100%
Direct Labor	50-51-0354-4110	\$ -	\$ 4,000	\$ -	\$ 4,000
Consultant Engineering Services-Design	50-51-0354-5211	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0354-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0354-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0354-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0354-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0354-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0354-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0354-6499	\$ -	\$ 39,000	\$ -	\$ 39,000
Total Village Park No. 5 Pump Station Replacement		\$ -	\$ 43,000	\$ -	\$ 43,000
La Costa Golf Course Gravity Line Improvements	0357			0%	100%
Direct Labor	50-51-0357-4110	\$ 5,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0357-5211	\$ 50,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Study	50-51-0357-5211	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0357-5211	\$ 10,000	\$ -	\$ -	\$ -
Construction Management	50-51-0357-5212	\$ 30,000	\$ -	\$ -	\$ -
District Engineering Services	50-51-0357-5213	\$ 7,500	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0357-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0357-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0357-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0357-6499	\$ 260,000	\$ -	\$ -	\$ -
Total La Costa Golf Course Gravity Line Improvements		\$ 362,500	\$ -	\$ -	\$ -
Leucadia Pump Station Rehabilitation	0358			0%	100%
Direct Labor	50-51-0358-4110	\$ 5,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0358-5211	\$ 36,000	\$ -	\$ -	\$ -
Office Engineering	50-51-0358-5211	\$ 18,000	\$ -	\$ -	\$ -
Construction Management	50-51-0358-5212	\$ 27,000	\$ -	\$ -	\$ -
District Engineering Services	50-51-0358-5213	\$ 5,000	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0358-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0358-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0358-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0358-6499	\$ 216,000	\$ -	\$ -	\$ -
Total Leucadia Pump Station Rehabilitation		\$ 307,000	\$ -	\$ -	\$ -

**LEUCADIA WASTEWATER DISTRICT
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS
FISCAL YEAR 2018**

Description	Account No.	FY 2017 Budget	FY 2018 Budget	Cost Allocation	
				Growth	Replacement
FY 2017 Gravity Pipeline Rehabilitation	0359			0%	100%
Direct Labor	50-51-0359-4110	\$ 5,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0359-5211	\$ 42,300	\$ -	\$ -	\$ -
Office Engineering	50-51-0359-5211	\$ 28,200	\$ -	\$ -	\$ -
Construction Management	50-51-0359-5212	\$ 42,300	\$ -	\$ -	\$ -
District Engineering Services	50-51-0359-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0359-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0359-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0359-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0359-6499	\$ 337,800	\$ -	\$ -	\$ -
Total FY 2017 Gravity Pipeline Rehabilitation		\$ 455,600	\$ -	\$ -	\$ -
FY 2018 Gravity Pipeline Rehabilitation	0363			0%	100%
Direct Labor	50-51-0363-4110	\$ -	\$ 8,000	\$ -	\$ 8,000
Consultant Engineering Services-Design	50-51-0363-5211	\$ -	\$ 60,000	\$ -	\$ 60,000
Office Engineering	50-51-0363-5211	\$ -	\$ 40,000	\$ -	\$ 40,000
Construction Management	50-51-0363-5212	\$ -	\$ 60,000	\$ -	\$ 60,000
District Engineering Services	50-51-0363-5213	\$ -	\$ 5,000	\$ -	\$ 5,000
Permitting/Environmental	50-51-0363-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0363-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0363-5220	\$ -	\$ 2,000	\$ -	\$ 2,000
Construction	50-51-0363-6499	\$ -	\$ 440,000	\$ -	\$ 440,000
Total FY 2018 Gravity Pipeline Rehabilitation		\$ -	\$ 615,000	\$ -	\$ 615,000
Encinitas Estates Pump Station Replacement	0364			0%	100%
Direct Labor	50-51-0364-4110	\$ -	\$ 10,000	\$ -	\$ 10,000
Consultant Engineering Services-Design	50-51-0364-5211	\$ -	\$ 129,000	\$ -	\$ 129,000
Office Engineering	50-51-0364-5211	\$ -	\$ 43,000	\$ -	\$ 43,000
Construction Management	50-51-0364-5212	\$ -	\$ 60,000	\$ -	\$ 60,000
District Engineering Services	50-51-0364-5213	\$ -	\$ 5,000	\$ -	\$ 5,000
Permitting/Environmental	50-51-0364-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0364-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0364-5220	\$ -	\$ 2,000	\$ -	\$ 2,000
Construction	50-51-0364-6499	\$ -	\$ 946,000	\$ -	\$ 946,000
Total Encinitas Estates Pump Station Replacement		\$ -	\$ 1,195,000	\$ -	\$ 1,195,000
Orchard Wood Rd. Sewer Rehabilitation	0365			0%	100%
Direct Labor	50-51-0365-4110	\$ -	\$ 3,000	\$ -	\$ 3,000
Consultant Engineering Services-Design	50-51-0365-5211	\$ -	\$ 21,000	\$ -	\$ 21,000
Office Engineering	50-51-0365-5211	\$ -	\$ 12,600	\$ -	\$ 12,600
Construction Management	50-51-0365-5212	\$ -	\$ 16,800	\$ -	\$ 16,800
District Engineering Services	50-51-0365-5213	\$ -	\$ 5,000	\$ -	\$ 5,000
Permitting/Environmental	50-51-0365-5214	\$ -	\$ 30,000	\$ -	\$ 30,000
Public Outreach	50-51-0365-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0365-5220	\$ -	\$ 5,500	\$ -	\$ 5,500
Construction	50-51-0365-6499	\$ -	\$ 100,800	\$ -	\$ 100,800
Total Orchard Wood Rd. Sewer Rehabilitation		\$ -	\$ 194,700	\$ -	\$ 194,700
Force Main Corrosion Control	0366			0%	100%
Direct Labor	50-51-0366-4110	\$ -	\$ 1,000	\$ -	\$ 1,000
Consultant Engineering Services-Design	50-51-0366-5211	\$ -	\$ 5,000	\$ -	\$ 5,000
Office Engineering	50-51-0366-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0366-5212	\$ -	\$ 3,900	\$ -	\$ 3,900
District Engineering Services	50-51-0366-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0366-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0366-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0366-5220	\$ -	\$ 2,000	\$ -	\$ 2,000
Construction	50-51-0366-6499	\$ -	\$ 44,400	\$ -	\$ 44,400
Total Force Main Corrosion Control		\$ -	\$ 56,300	\$ -	\$ 56,300

**LEUCADIA WASTEWATER DISTRICT
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS
FISCAL YEAR 2018**

Description	Account No.	FY 2017 Budget	FY 2018 Budget	Cost Allocation	
				Growth	Replacement
Asset Management Plan Update	0368			0%	100%
Direct Labor	50-51-0368-4110	\$ -	\$ 10,000	\$ -	\$ 10,000
Consultant Engineering Services-Design	50-51-0368-5211	\$ -	\$ 90,000	\$ -	\$ 90,000
Office Engineering	50-51-0368-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0368-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0368-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0368-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0368-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0368-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0368-6499	\$ -	\$ -	\$ -	\$ -
Total Asset Management Plan Update		\$ -	\$ 100,000	\$ -	\$ 100,000
HQ Bldg Metering Switchboard Installation	0369			0%	100%
Direct Labor	50-51-0369-4110	\$ -	\$ 5,000	\$ -	\$ 5,000
Consultant Engineering Services-Design	50-51-0369-5211	\$ -	\$ 5,000	\$ -	\$ 5,000
Office Engineering	50-51-0369-5211	\$ -	\$ 5,000	\$ -	\$ 5,000
Construction Management	50-51-0369-5212	\$ -	\$ 5,000	\$ -	\$ 5,000
District Engineering Services	50-51-0369-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0369-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0369-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0369-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0369-6499	\$ -	\$ 70,000	\$ -	\$ 70,000
Total HQ Bldg Metering Switchboard Installation		\$ -	\$ 90,000	\$ -	\$ 90,000
Leucadia Facilities Ongoing Rehabilitation					
Misc. Pipeline/Manhole Repair	0077			0%	100%
Direct Labor	50-51-0077-4110	\$ 5,000	\$ 3,000	\$ -	\$ 3,000
Design	50-51-0077-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0077-5212	\$ 25,000	\$ 25,000	\$ -	\$ 25,000
District Engineering Services	50-51-0077-5213	\$ -	\$ -	\$ -	\$ -
Environmental	50-51-0077-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0077-5216	\$ -	\$ -	\$ -	\$ -
Romac Couplings (Inventory)	50-51-0077-6498	\$ 10,000	\$ 10,000	\$ -	\$ 10,000
Construction (pipeline)	50-51-0077-6499	\$ 90,000	\$ 100,000	\$ -	\$ 100,000
Construction (manhole)	50-51-0077-6499	\$ 25,000	\$ 25,000	\$ -	\$ 25,000
Manhole Raising (Encinitas Overlay Project)	50-51-0077-6499	\$ 110,000	\$ -	\$ -	\$ -
Total Misc. Pipeline/Manhole Repair		\$ 265,000	\$ 163,000	\$ -	\$ 163,000
Lateral Replacement / Backflow Preventer Program	0323			0%	100%
Direct Labor	50-51-0323-4110	\$ -	\$ 2,000	\$ -	\$ 2,000
Program costs	50-51-0323-6499	\$ 100,000	\$ 100,000	\$ -	\$ 100,000
Total Lateral / Backflow Program		\$ 100,000	\$ 102,000	\$ -	\$ 102,000
Batiquitos Joint Facilities					
Poinsettia Station Gravity Pipeline Project	0361			86%	14%
Direct Labor	50-51-0361-4110	\$ 6,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0361-5211	\$ 24,600	\$ -	\$ -	\$ -
Office Engineering	50-51-0361-5211	\$ 37,000	\$ -	\$ -	\$ -
Construction Management	50-51-0361-5212	\$ 49,600	\$ -	\$ -	\$ -
District Engineering Services	50-51-0361-5213	\$ 10,000	\$ 15,000	\$ 12,900	\$ 2,100
Permitting/Environmental	50-51-0361-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0361-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0361-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0361-6499	\$ 638,800	\$ -	\$ -	\$ -
Total Batiquitos Pump Station Solar Panels		\$ 766,000	\$ 15,000	\$ 12,900	\$ 2,100

**LEUCADIA WASTEWATER DISTRICT
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS
FISCAL YEAR 2018**

Description	Account No.	FY 2017 Budget	FY 2018 Budget	Cost Allocation Growth	Replacement
Encina Joint Treatment Facility					
Encina Joint Treatment Facility Capital Program	0072			various %	various %
<i>Capital Projects</i>					
Direct Labor	50-51-0072-4110	\$ 10,000	\$ 10,000	\$ -	\$ 10,000
Capital Improvement Projects	50-51-0072-6420	\$ 1,613,472	\$ 1,865,181	\$ -	\$ 1,865,181
Biofuel Receiving , Gas Conditioning & Drying Safety	50-51-0072-6420	\$ -	\$ -	\$ -	\$ -
EWA Labor	50-51-0072-6420	\$ 390,045	\$ 403,787	\$ -	\$ 403,787
Total Capital Projects		\$ 2,013,517	\$ 2,278,968	\$ -	\$ 2,278,968
Encina Joint System Planned Asset Replacement	50-51-0072-6420	\$ 116,917	\$ 123,335	\$ -	\$ 123,335
Capital Acquisitions	50-51-0072-6420	\$ 26,947	\$ 50,988	\$ -	\$ 50,988
Total Encina Joint System Capital Program		\$ 2,157,381	\$ 2,453,291	\$ -	\$ 2,453,291
Recycled Water Projects					
North SD Water Reuse Coalition Project (NSDWRC)	0328			0%	100%
Direct Labor	50-51-0328-4110	\$ 3,000	\$ -	\$ -	\$ -
Title XVI Funding Effort	50-51-0328-5211	\$ 15,000	\$ -	\$ -	\$ -
Design	50-51-0328-5211	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0328-5213	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0328-5220	\$ -	\$ -	\$ -	\$ -
Total NSDWRC		\$ 18,000	\$ -	\$ -	\$ -
New Recycled Water Pump Station Design	0356			0%	100%
Direct Labor	50-51-0356-4110	\$ 2,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0356-5211	\$ 90,000	\$ -	\$ -	\$ -
Office Engineering	50-51-0356-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0356-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0356-5213	\$ 4,000	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0356-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0356-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0356-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0356-6499	\$ -	\$ -	\$ -	\$ -
Total New Recycled Water Pump Station Design		\$ 96,000	\$ -	\$ -	\$ -
Gafner AWT Improvements	0360			0%	100%
Direct Labor	50-51-0360-4110	\$ 5,000	\$ 6,000	\$ -	\$ 6,000
Consultant Engineering Services-Design	50-51-0360-5211	\$ 48,000	\$ 35,000	\$ -	\$ 35,000
Office Engineering	50-51-0360-5211	\$ 32,000	\$ -	\$ -	\$ -
Construction Management	50-51-0360-5212	\$ 32,000	\$ -	\$ -	\$ -
District Engineering Services	50-51-0360-5213	\$ 5,000	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0360-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0360-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0360-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0360-6499	\$ 385,000	\$ 340,000	\$ -	\$ 340,000
Total Gafner AWT Improvements		\$ 507,000	\$ 381,000	\$ -	\$ 381,000
B1 Force Main - Northern Section Replacement	0367			0%	100%
Direct Labor	50-51-0367-4110	\$ -	\$ 5,000	\$ -	\$ 5,000
Consultant Engineering Services-Design	50-51-0367-5211	\$ -	\$ 45,000	\$ -	\$ 45,000
Office Engineering	50-51-0367-5212	\$ -	\$ 30,000	\$ -	\$ 30,000
Construction Management	50-51-0367-5212	\$ -	\$ 30,000	\$ -	\$ 30,000
District Engineering Services	50-51-0367-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0367-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0367-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0367-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0367-6499	\$ -	\$ 330,000	\$ -	\$ 330,000
Total B1 Force Main - Northern Section Replacement		\$ -	\$ 440,000	\$ -	\$ 440,000

**LEUCADIA WASTEWATER DISTRICT
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS
FISCAL YEAR 2018**

Description	Account No.	FY 2017 Budget	FY 2018 Budget	Cost Allocation	
				Growth	Replacement
Professional Services	0302				
District Engineering Services	50-51-0302-5213	\$ 23,500	\$ 30,000	-	\$ 30,000
Total Professional Services		\$ 23,500	\$ 30,000	-	\$ 30,000
LWD Labor	0499				
Direct Labor	50-51-0499-4110	\$ 199,214	\$ 194,206	-	\$ 194,206
Administration Labor	50-51-0499-6995	\$ 137,959	\$ 140,121	-	\$ 140,121
Total LWD Labor		\$ 337,173	\$ 334,327	-	\$ 334,327
TOTAL CIP PROGRAM		\$ 5,667,154	\$ 6,212,618	\$ 12,900	\$ 6,199,718

Total Direct Labor	\$ 261,206
Total District Engineering Services	\$ 60,000