



# FISCAL YEAR 2016 BUDGET



**Leucadia Wastewater District**

**1960 La Costa Avenue**

**Carlsbad, CA 92009**

# LEUCADIA WASTEWATER DISTRICT

## FISCAL YEAR 2016 BUDGET

### BOARD OF DIRECTORS

ALLAN JULIUSSEN, PRESIDENT  
DON OMSTED, VICE PRESIDENT  
JUDY HANSON, DIRECTOR  
DAVID KULCHIN, DIRECTOR  
ELAINE SULLIVAN, DIRECTOR

### DISTRICT MANAGEMENT

PAUL BUSHEE, GENERAL MANAGER  
CHUCK LEMAY, ADMINISTRATIVE SERVICES MANAGER  
ROBIN MORISHITA, TECHNICAL SERVICES MANAGER  
JEFF STECKER, FIELD SERVICES SUPERINTENDENT  
RICHARD DUFFEY, BROWNELL & DUFFEY, CPA

District Administration Office:

1960 La Costa Avenue  
Carlsbad, California 92009  
Telephone: 760.753.0155  
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[www.lwwd.org](http://www.lwwd.org)



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LEADERS IN  
ENVIRONMENTAL  
PROTECTION

**BOARD OF DIRECTORS**  
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 PAUL J. BUSHEE, GENERAL MANAGER

June 4, 2015

Leucadia Wastewater District  
 Board of Directors

Honorable President and Members of the Board of Directors:

I am pleased to submit the Fiscal Year 2016 (FY16) 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 FY16 Budget has been designed to reflect LWD's core business functions. Expenses have been broken into two major enterprises: the Wastewater Enterprise (WWE) and the Recycled Water Enterprise (RWE). In addition, Administrative Overhead (AO) expenses are categorized separately and allocated across the WWE and RWE programs. This approach is consistent with prior LWD budgets. As in prior years, the FY16 Budget includes a Development Program expense budget that is fully funded by developer deposits. The key elements of the FY16 Budget are summarized as follows:

**REVENUES AND OTHER FUNDS**

Funds available for FY16 total \$13.8 million. Table 1 summarizes the major revenue sources.

**Table 1  
 Revenue Summary**

<b>Revenue Source</b>	<b>Amount</b>	<b>Percentage of Total</b>
<b>Wastewater Service Charge</b>	<b>\$8,876,733</b>	<b>79%</b>
<b>Interest Income</b>	<b>\$162,000</b>	<b>1%</b>
<b>Capacity Fees</b>	<b>\$240,360</b>	<b>2%</b>
<b>Property tax</b>	<b>\$1,450,000</b>	<b>13%</b>
<b>Recycled Water Sales</b>	<b>\$266,000</b>	<b>2%</b>
<b>Recycled Interest Income</b>	<b>\$18,000</b>	<b>&lt;1%</b>
<b>Other</b>	<b>\$256,733</b>	<b>2%</b>
<b>Total Revenue</b>	<b>\$11,269,826</b>	
<b>Net Transfer From Reserves</b>	<b>\$2,583,216</b>	
<b>Total funds Available</b>	<b>\$13,853,042</b>	



Wastewater service charges are the major funding source representing 79% of total revenue. Property taxes, which represent approximately 13% of revenue, are expected to increase slightly to \$1,450,000. Interest income which represents 1% or \$162,000 of revenue will remain stable. Capacity fee revenue is directly related to the level of development activity in the District and will account for approximately 2% or \$240,360 of revenue.

The projected FY16 revenue for the RWE is \$284,000 which includes \$266,000 for the sale of recycled water and \$18,000 in interest income. These revenues represent about 2% of total income for FY16.

Wastewater Service Charge

The projected FY16 wastewater service charge revenue is \$8,876,733 which equates to an annual fee of \$312.44 per equivalent dwelling unit (EDU) based on the projected EDUs connected through June 2015. The annual fee of \$312.44 represents an increase of 10% from FY15. The wastewater service charges cover WWE Operating Program expenses for wastewater collection, transmission, treatment and disposal, as well as a portion of future system replacement expenses.

**EXPENDITURES AND OTHER USES OF FUNDS**

Expenditures and other uses of funds for FY16 total \$13.8 million. Table 2 summarizes these expenses.

**Table 2  
 Expense Summary**

<b>Program Description</b>	<b>Amount</b>	<b>Percentage of Total</b>
<b>WWE – Operating Program</b>	<b>\$6,147,422</b>	<b>44%</b>
<b>RWE – Operating Program</b>	<b>\$203,113</b>	<b>1%</b>
<b>Development</b>	<b>\$168,924</b>	<b>1%</b>
<b>WWE – Capital Acquisition</b>	<b>\$514,700</b>	<b>4%</b>
<b>WWE – CIP</b>	<b>\$6,201,983</b>	<b>45%</b>
<b>RWE – Capital Acquisition</b>	<b>\$26,000</b>	<b>&lt;1%</b>
<b>RWE - CIP</b>	<b>\$590,900</b>	<b>4%</b>
<b>Total Expenditures</b>	<b>\$13,853,042</b>	

Operating Program Expenses

The operating expenses have been separated between the WWE and RWE. The WWE Operating expenses have been further broken out into two programs: the LWD Facilities and the Batiquitos Facilities. The WWE (LWD) Facilities include those items that are funded solely by LWD such as collection system costs and LWD's portion of Encina Wastewater Authority's (EWA) expenses. The WWE (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 WWE programs and the RWE to reflect the actual cost of operating these entities.

For the FY16 Operating Budget, the projected expenses for WWE (LWD) Facilities are \$5.8 million and WWE (Batiquitos) Facilities are \$398,044 for a total WWE operating expense of approximately \$6.1 million. This total includes Encina Wastewater Authority (EWA) operating expenses which will be approximately \$1.9 million. The Operating Budget reflects a three percent increase over the FY15 Budget largely due to EWA's \$73,725 increase and an increase of \$112,684 in Field Services' expenses.

LWD's overall Administrative Services Budget will decrease approximately \$26,000 or 2% from the FY15 budget. This includes a \$41,000 increase in labor expenses and a \$68,000 decrease in non-labor expenses. The primary contributor to the decrease in non-labor expenses is the exclusion of election expenses and a reduction in professional services. The Administrative Services Budget is distributed to LWD Facilities, Batiquitos Facilities, Recycled Water Enterprise and Capital Projects as administrative overhead.

The projected FY16 RWE Operating Expenses are \$203,113 which represents a \$16,468 increase from the FY15 Budget. The RWE operating expenses remain fully funded through recycled water sales revenue.

#### Capital Acquisition Program

The Capital Acquisition Program is a component of the LWD Capital 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 FY16 WWE - Capital Acquisition Program totals \$514,700 and includes the purchase of a new vactor truck along with the replacement of CCTV equipment and other critical sewer maintenance equipment. The FY16 RWE - Capital Acquisition Budget is \$26,000 to upgrade AWT equipment. For FY16, the capital acquisition expenditures for the wastewater and recycled water enterprises are combined for a total of \$540,700.

#### Capital Improvement Program

The Capital Improvement Program (CIP) includes major capital projects that generally involve planning, permitting, engineering design and construction. The total FY16 CIP Budget is \$6.8 million and includes funding for the wastewater and recycled water enterprises. The WWE CIP totals approximately \$6.2 million. The key components include: Leucadia force main (west section) replacement, Village Park #5 Pump Station replacement, Saxony Pump Station rehabilitation; gravity pipeline rehabilitation, miscellaneous pipeline and manhole repairs, the lateral replacement program, and LWD's portion of EWA's Capital Budget. The RWE CIP includes \$590,900 for the North San Diego Water Reuse Coalition Project, replacement of the recycled water secondary effluent force main, and the Gafner AWT condition assessment.

### **LONG TERM DEBT OBLIGATIONS**

There are no FY16 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 FY16 is approximately \$2.8 million.

When non-operating revenues (e.g. capacity fees, property taxes) are not sufficient to cover capital expenditures, funds are transferred from the Capital Reserves. Approximately \$4.9 million is budgeted to be transferred from the Capital Reserves to cover the additional WWE capital expenditures in FY16.

In addition, approximately \$536,000 is budgeted to be transferred from the Water Recycling Reserve to cover RWE 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 FY16. I would like to acknowledge the support of the following persons for their assistance in this effort: Tianne Baity, Trisha Hill, Maggie McEniry and Richard Duffey. Administrative Services Manager Chuck LeMay 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 FY16 Annual Budget, please contact Chuck LeMay at (760) 753-0155.

Respectfully submitted,



Paul J. Bushee  
General Manager



**WASTEWATER ENTERPRISE  
BUDGET SUMMARY**



**Leucadia Wastewater District  
Fiscal Year 2016 Operating & Capital Budgets  
Wastewater Enterprise Budget Summary**

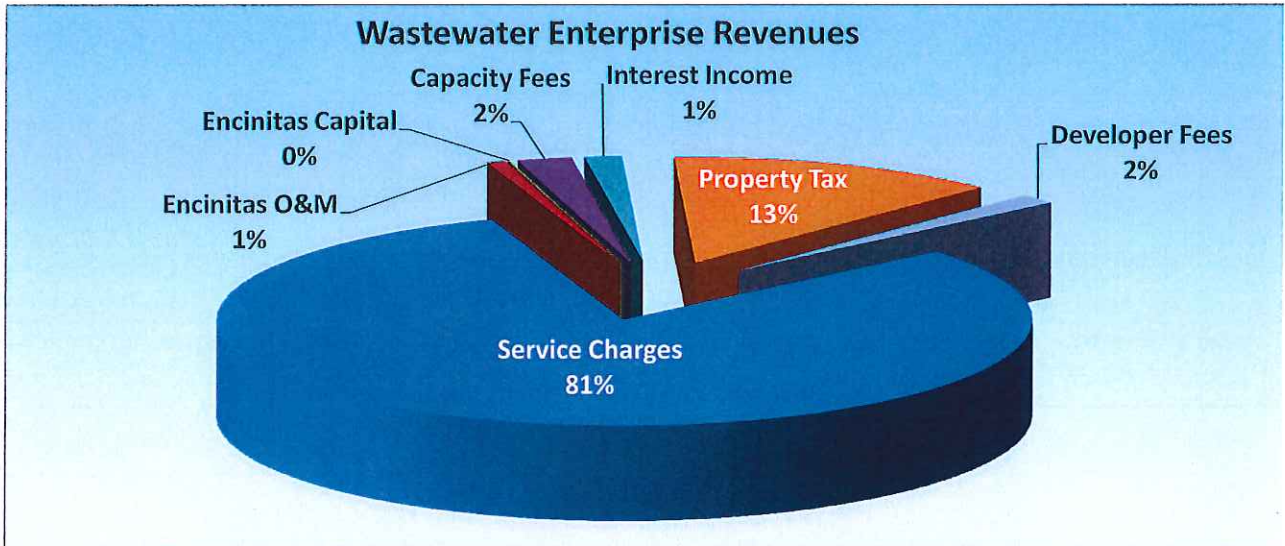
**SOURCES OF FUNDS**

<b>OPERATING REVENUES</b>	FY 2015 BUDGET	FY 2015 PROJECTED	FY 2016 BUDGET	% Change Bud to Bud
Service Charges	\$ 8,002,543	\$ 8,002,700	\$ 8,876,733	11%
Encinitas O&M (Bat PS)	\$ 70,737	\$ 73,400	\$ 79,609	13%
<b>TOTAL ESTIMATED OPERATING REVENUE</b>	<b>\$ 8,073,280</b>	<b>\$ 8,076,100</b>	<b>\$ 8,956,342</b>	<b>11%</b>

<b>NON-OPERATING REVENUES</b>	FY 2015 BUDGET	FY 2015 PROJECTED	FY 2016 BUDGET	% Change Bud to Bud
Encinitas Capital (Bat PS)	\$ 677,484	\$ 870,000	\$ 8,200	-99%
Capacity Fees	\$ 180,270	\$ 805,000	\$ 240,360	33%
Interest Income	\$ 140,000	\$ 161,000	\$ 162,000	16%
Developer Fees	\$ 173,343	\$ 170,000	\$ 168,924	-3%
Property Tax	\$ 1,300,000	\$ 1,414,000	\$ 1,450,000	12%
<b>TOTAL NON-OPERATING REVENUE</b>	<b>\$ 2,471,097</b>	<b>\$ 3,420,000</b>	<b>\$ 2,029,484</b>	<b>-18%</b>

<b>OTHER SOURCES OF FUNDS</b>	FY 2015 BUDGET	FY 2015 PROJECTED	FY 2016 BUDGET	% Change Bud to Bud
Transfer from Capital Replacement Reserve	\$ 5,160,016	\$ 3,278,220	\$ 4,856,123	-6%
<b>TOTAL OTHER SOURCES OF FUNDS</b>	<b>\$ 5,160,016</b>	<b>\$ 3,278,220</b>	<b>\$ 4,856,123</b>	<b>-6%</b>

<b>TOTAL FUNDS AVAILABLE</b>	<b>\$ 15,704,393</b>	<b>\$ 14,774,320</b>	<b>\$ 15,841,949</b>	<b>1%</b>
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## USE OF FUNDS

OPERATING EXPENDITURES	FY 2015 BUDGET	FY 2015 PROJECTED	FY 2016 BUDGET	% Change Bud to Bud
LWD Facilities	\$ 5,605,473	\$ 5,554,873	\$ 5,749,378	3%
Batiquitos Joint Facilities	\$ 353,686	\$ 366,945	\$ 398,044	13%
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 5,959,159</b>	<b>\$ 5,921,818</b>	<b>\$ 6,147,422</b>	<b>3%</b>

### DEVELOPMENT EXPENDITURES

Development Expenses	\$ 173,343	\$ 170,000	\$ 168,924	-3%
<b>TOTAL DEVELOPMENT EXPENSES</b>	<b>\$ 173,343</b>	<b>\$ 170,000</b>	<b>\$ 168,924</b>	<b>-3%</b>

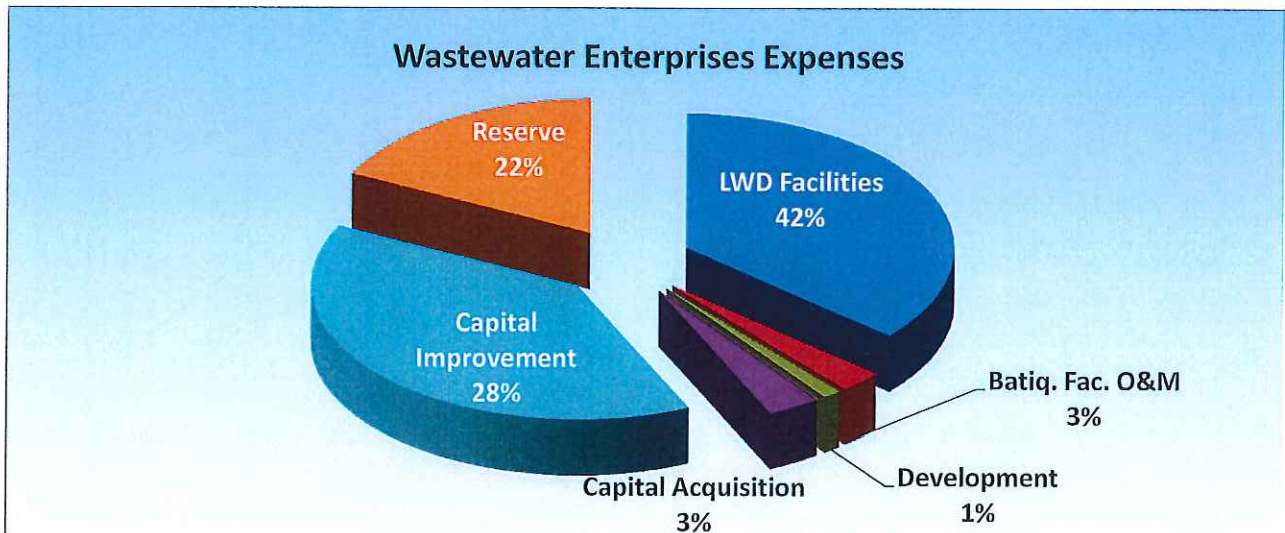
### CAPITAL EXPENDITURES

Capital Acquisition	\$ 215,200	\$ 228,220	\$ 514,700	139%
Capital Improvement Program	\$ 7,242,570	\$ 6,300,000	\$ 6,201,983	-14%
<b>TOTAL CAPITAL EXPENSES</b>	<b>\$ 7,457,770</b>	<b>\$ 6,528,220</b>	<b>\$ 6,716,683</b>	<b>-10%</b>

### RESERVE CONTRIBUTION

Transfer to Capital Replacement Reserve	\$ 2,114,121	\$ 2,154,282	\$ 2,808,920	33%
<b>TOTAL RESERVE CONTRIBUTION</b>	<b>\$ 2,114,121</b>	<b>\$ 2,154,282</b>	<b>\$ 2,808,920</b>	<b>33%</b>

<b>TOTAL USE OF FUNDS</b>	<b>\$ 15,704,393</b>	<b>\$ 14,774,320</b>	<b>\$ 15,841,949</b>	<b>1%</b>
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**RECYCLED WATER ENTERPRISE  
BUDGET SUMMARY**

**Leucadia Wastewater District  
Fiscal Year 2015 Operating & Capital Budgets  
Recycled Water Enterprise Summary**

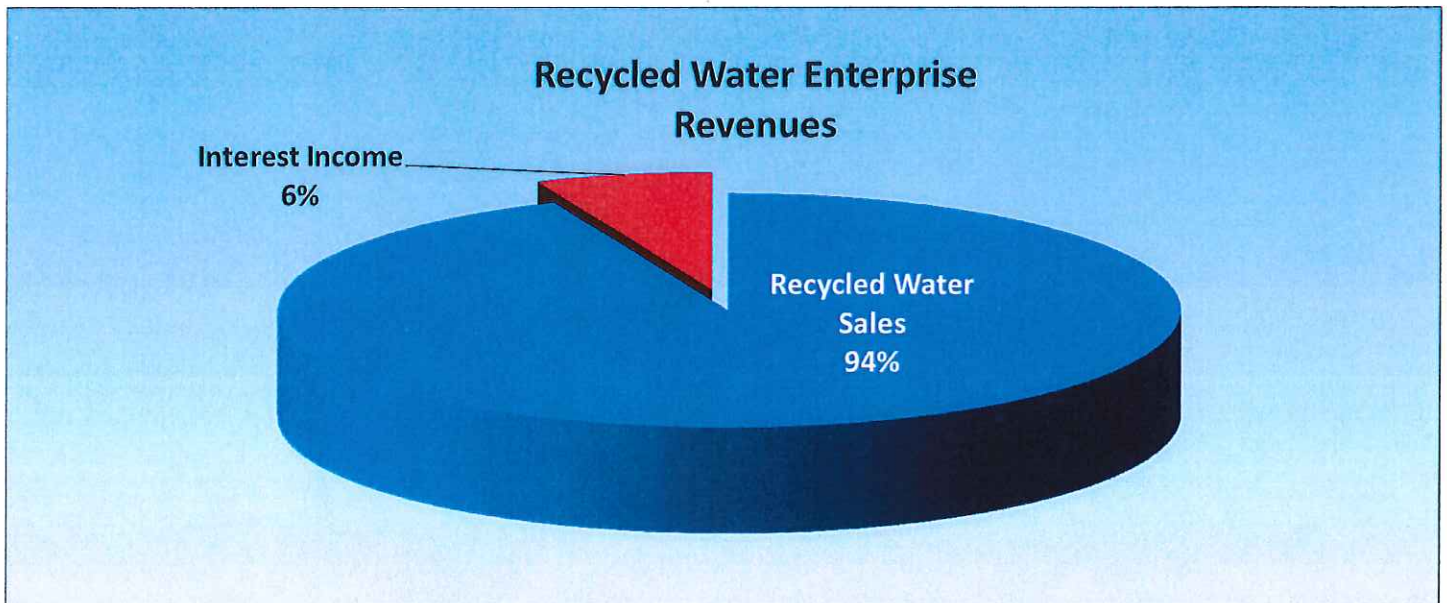
**SOURCES OF FUNDS**

OPERATING REVENUES	FY 2015 BUDGET	FY 2015 PROJECTED	FY 2016 BUDGET	% Change Bud to Bud
Recycled Water Sales	\$ 275,000	\$ 280,000	266,000	-3%
Interest Income	\$ 15,000	\$ 18,000	18,000	20%
<b>TOTAL ESTIMATED OPERATING REVENUE</b>	<b>\$ 290,000</b>	<b>\$ 298,000</b>	<b>\$ 284,000</b>	<b>-2%</b>

**OTHER SOURCES OF FUNDS**

Transfer from Water Recycling Reserve	\$ 1,330,645	\$ 1,263,168	\$ 536,013	-60%
<b>TOTAL OTHER SOURCES OF FUNDS</b>	<b>\$ 1,330,645</b>	<b>\$ 1,263,168</b>	<b>\$ 536,013</b>	<b>-60%</b>

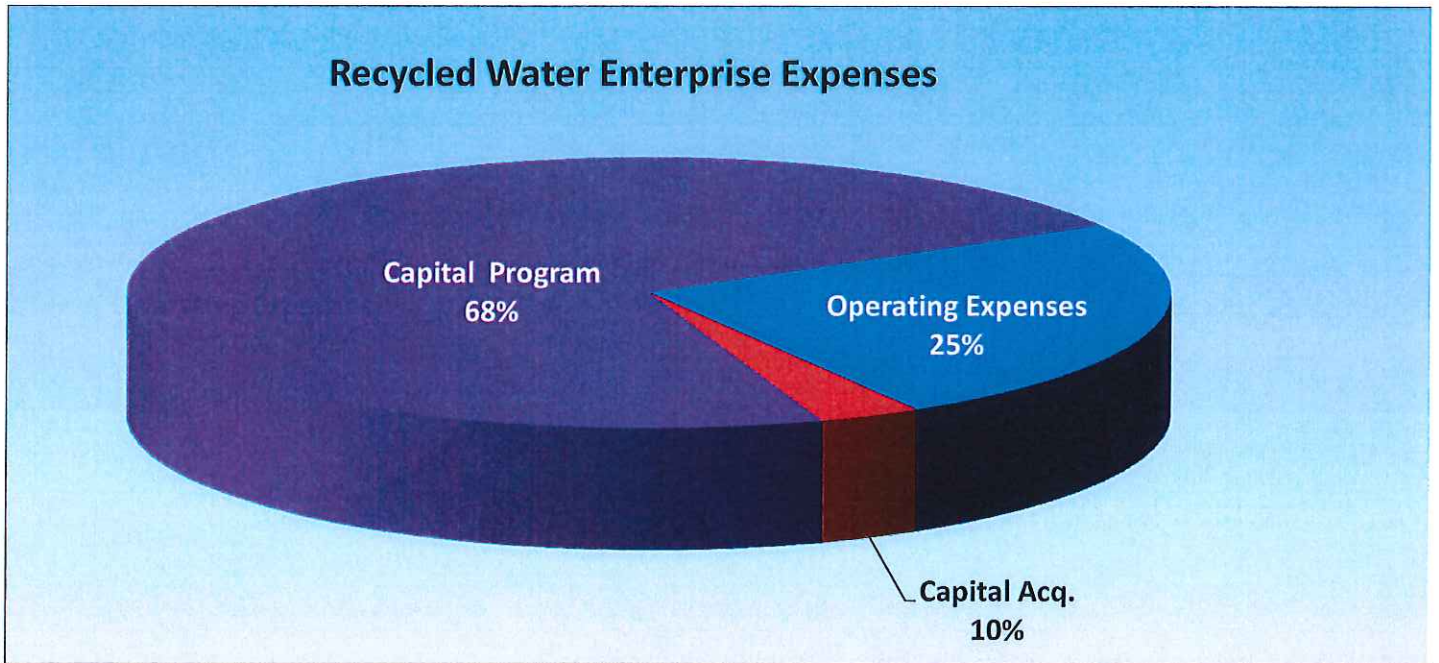
<b>TOTAL FUNDS AVAILABLE</b>	<b>\$ 1,620,645</b>	<b>\$ 1,561,168</b>	<b>\$ 820,013</b>	<b>-49%</b>
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## USE OF FUNDS

OPERATING EXPENDITURES	FY 2015 BUDGET	FY 2015 PROJECTED	FY 2016 BUDGET	% Change Bud to Bud
Operating Program	\$ 186,645	\$ 182,468	\$ 203,113	9%
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 186,645</b>	<b>\$ 182,468</b>	<b>\$ 203,113</b>	<b>9%</b>
<b>CAPITAL EXPENDITURES</b>				
Capital Acquisition	\$ 77,000	\$ 77,700	\$ 26,000	-66%
Capital Improvement Program	\$ 1,357,000	\$ 1,301,000	\$ 590,900	-56%
<b>TOTAL CAPITAL EXPENSES</b>	<b>\$ 1,434,000</b>	<b>\$ 1,378,700</b>	<b>\$ 616,900</b>	<b>-57%</b>
<b>RESERVE CONTRIBUTION</b>				
Transfer to Water Recycling Reserve	\$ -	\$ -	\$ -	0%
<b>TOTAL RESERVE CONTRIBUTION</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0%</b>
<b>TOTAL USE OF FUNDS</b>	<b>\$ 1,620,645</b>	<b>\$ 1,561,168</b>	<b>\$ 820,013</b>	<b>-49%</b>



**FISCAL YEAR 2016  
WASTEWATER SERVICE CHARGE  
and  
EDU SUMMARY**

**FY 2016**

MONTHLY SERVICE CHARGE	\$	26.04
ANNUAL SERVICE CHARGE	\$	312.44
ESTIMATED EDU'S FY 2016		28,411
ESTIMATED SEWER SERVICE CHARGE REVENUE	\$	8,876,733

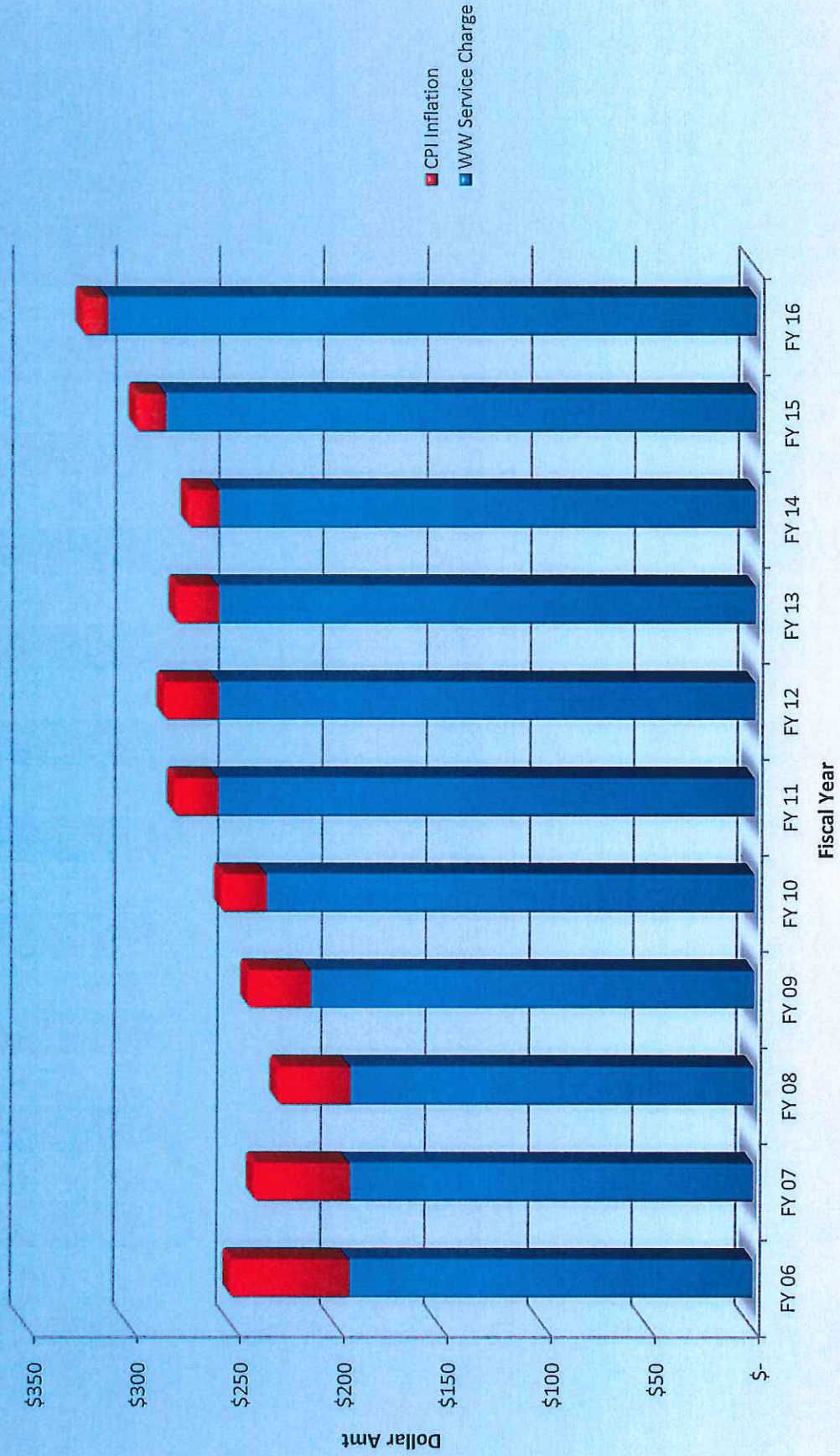
**FY 2015**

MONTHLY SERVICE CHARGE	\$	23.67
ANNUAL SERVICE CHARGE	\$	284.04
ESTIMATED EDU'S FY 2015		28,174
ESTIMATED SEWER SERVICE CHARGE REVENUE	\$	8,002,543

<b>% CHANGE IN SERVICE CHARGE</b>	<b>10%</b>
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## LWD Service Charge History FY 2006 - FY 2016

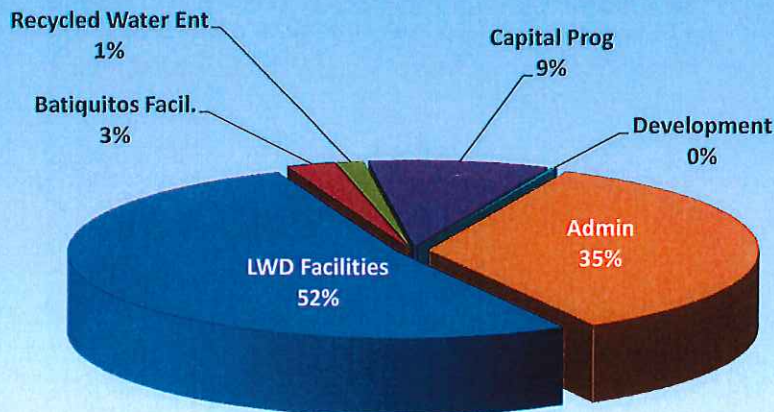




**Leucadia Wastewater District  
Fiscal Year 2016 Budget  
Personnel Summary By Department**

<u>Program</u>		<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Proposed</u>	<u>% Change Bud to Bud</u>
<b>LWD Facilities</b>					
	Salaries	\$ 921,022	\$ 869,000	\$ 942,418	2%
	Benefits	\$ 483,110	\$ 407,800	\$ 477,698	-1%
	<b>Total LWD Facilities</b>	<b>\$ 1,404,132</b>	<b>\$ 1,276,800</b>	<b>\$ 1,420,116</b>	<b>1%</b>
<b>Batiquitos Joint Facilities</b>					
	Salaries	\$ 41,031	\$ 40,900	\$ 43,670	6%
	Benefits	\$ 20,320	\$ 18,500	\$ 21,058	4%
	<b>Total Bat Joint Facilities</b>	<b>\$ 61,351</b>	<b>\$ 59,400</b>	<b>\$ 64,728</b>	<b>6%</b>
<b>Recycled Water Enterprise:</b>					
	Salaries	\$ 21,777	\$ 20,900	\$ 23,653	9%
	Benefits	\$ 11,579	\$ 10,900	\$ 12,363	7%
	<b>Total RW Enterprise</b>	<b>\$ 33,356</b>	<b>\$ 31,800</b>	<b>\$ 36,016</b>	<b>8%</b>
<b>Capital Program:</b>					
	Salaries	\$ 152,352	\$ 159,300	\$ 168,162	10%
	Benefits	\$ 64,394	\$ 65,500	\$ 70,902	10%
	<b>Total Capital Program</b>	<b>\$ 216,746</b>	<b>\$ 224,800</b>	<b>\$ 239,064</b>	<b>10%</b>
<b>Development:</b>					
	Salaries	\$ 4,851	\$ 3,300	\$ 4,651	-4%
	Benefits	\$ 2,992	\$ 1,700	\$ 2,273	-24%
	<b>Total Development</b>	<b>\$ 7,843</b>	<b>\$ 5,000</b>	<b>\$ 6,924</b>	<b>-12%</b>
<b>Administration</b>					
	Salaries	\$ 603,781	\$ 610,600	\$ 632,928	5%
	Benefits	\$ 300,079	\$ 283,400	\$ 312,167	4%
	<b>Total Administration</b>	<b>\$ 903,860</b>	<b>\$ 894,000</b>	<b>\$ 945,095</b>	<b>5%</b>
<b>Total Personnel Expense</b>		<b>\$ 2,627,288</b>	<b>\$ 2,491,800</b>	<b>\$ 2,711,943</b>	<b>3%</b>

**LWD FY 2016 Personnel By Program**



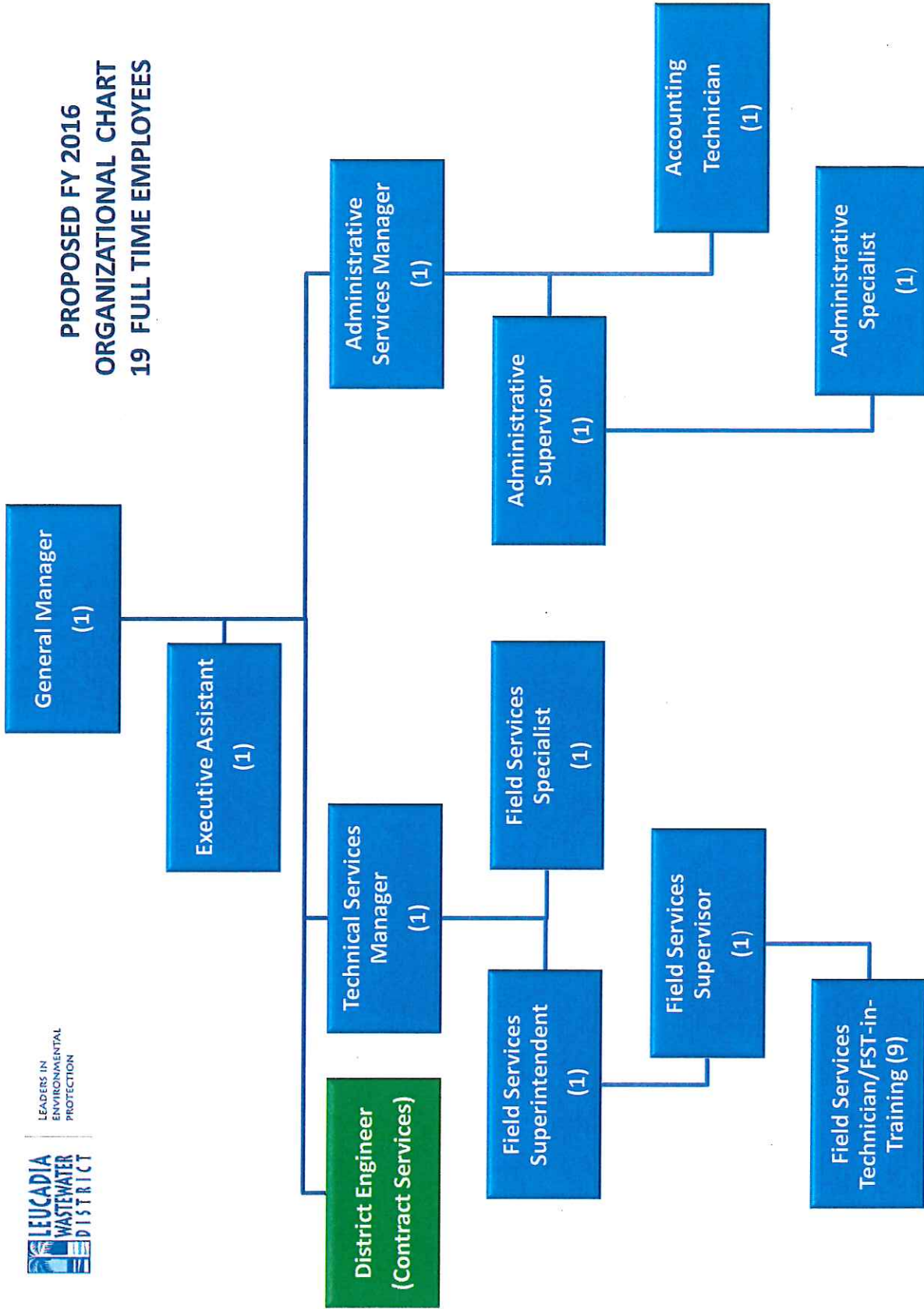
**Leucadia Wastewater District  
Fiscal Year 2016 Operating & Capital Budgets  
Personnel Expense Detail**

<u>Acct #</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Proposed</u>	<u>% Change Bud to Bud</u>
<b>4100</b>	<b><u>Salaries</u></b>				
4110	Regular salaries	\$ 1,694,814	\$ 1,654,000	\$ 1,765,482	4%
4120	Overtime salaries	\$ 50,000	\$ 50,000	\$ 50,000	0%
	<b>Total Salaries</b>	<b>\$ 1,744,814</b>	<b>\$ 1,704,000</b>	<b>\$ 1,815,482</b>	<b>4%</b>
<b>4200</b>	<b><u>Employee Benefits</u></b>				
4210	F.I.C.A.	\$ 131,798	\$ 122,900	\$ 138,886	5%
4220	Medical insurance	\$ 271,109	\$ 246,700	\$ 287,640	6%
4221	Dental insurance	\$ 31,753	\$ 29,000	\$ 32,374	2%
4222	Disability insurance	\$ 12,655	\$ 9,800	\$ 13,779	9%
4223	Life insurance	\$ 4,416	\$ 4,200	\$ 5,013	14%
4224	Unemployment insurance	\$ 22,000	\$ 10,000	\$ 5,000	-77%
4225	Employee assistance program (EAP)	\$ 547	\$ 500	\$ 547	0%
4226	Vision plan	\$ 4,028	\$ 3,600	\$ 4,109	2%
4230	Workers compensation insurance	\$ 49,260	\$ 36,700	\$ 43,122	-12%
4240	PERS, employee retirement	\$ 319,690	\$ 299,600	\$ 329,502	3%
4241	OPEB - employee retirement health	\$ 4,000	\$ 4,800	\$ 5,950	49%
4245	Section 125 plan	\$ 3,272	\$ 1,700	\$ 2,679	-18%
4293	Deferred Compensation Contribution	\$ 27,946	\$ 25,000	\$ 27,860	0%
	<b>Total Benefits</b>	<b>\$ 882,474</b>	<b>\$ 794,500</b>	<b>\$ 896,461</b>	<b>2%</b>
	<b>TOTAL, SALARY &amp; BENEFITS</b>	<b>\$ 2,627,288</b>	<b>\$ 2,498,500</b>	<b>\$ 2,711,943</b>	<b>3%</b>



LEADERS IN ENVIRONMENTAL PROTECTION

# PROPOSED FY 2016 ORGANIZATIONAL CHART 19 FULL TIME EMPLOYEES





**LEUCADIA WASTEWATER DISTRICT  
FY 2016 OPERATING BUDGET  
WASTEWATER ENTERPRISE – LWD FACILITIES**

**Program Overview:**

The FY 2016 Wastewater Enterprise – LWD 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 Enterprise – LWD Facilities budget consists of three components: 1) Field Services Expenses (direct); 2) Administrative Expenses (support overhead); and 3) Encina Wastewater Authority (EWA) expenses. The Field Services Department (FSD) provides the direct resources to operate the program with support from the Administrative Services Department (ASD).

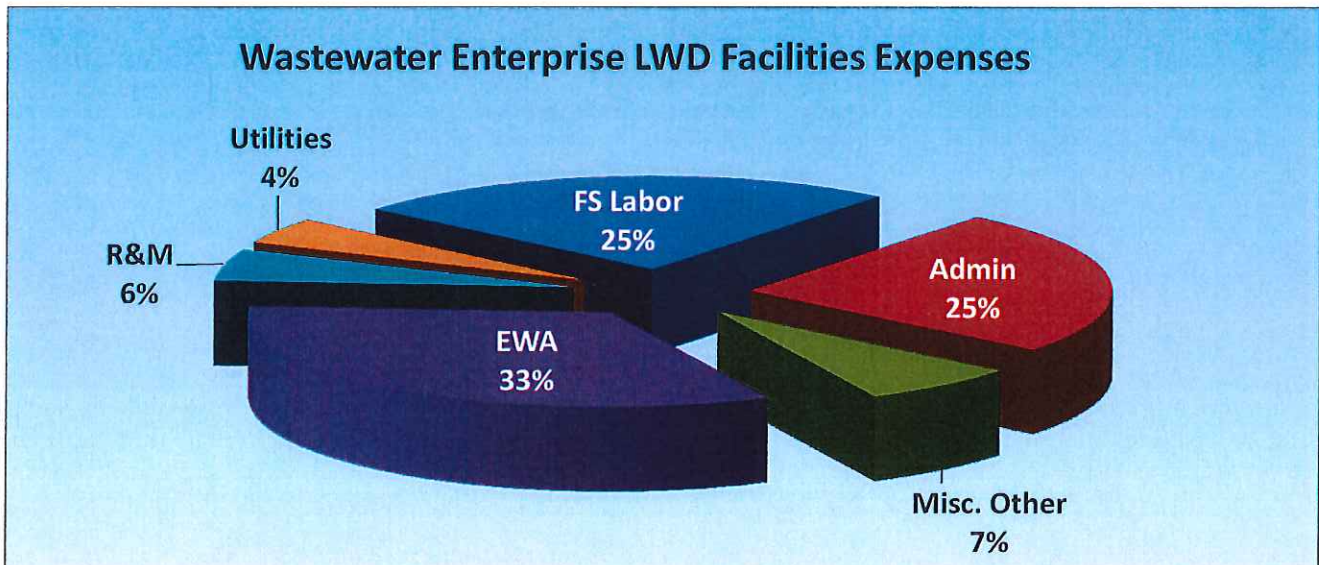
Field Services Expenses: FSD is responsible for collecting and transmitting LWD wastewater to the EWA treatment plan where it is treated to secondary discharge standards. FSD performs continuous preventative maintenance on 200 miles of collection system. Under the Wastewater Enterprise – LWD Facilities 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 Enterprise – LWD 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.

EWA 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 EWA. This expense funds the treatment and disposal of the wastewater generated within LWD's service area.

**Leucadia Wastewater District  
Wastewater Enterprise - LWD Facilities  
Fiscal Year 2016 Operating Budget  
Expense Summary**

<u>Account</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
<b>Field Services Expenses:</b>					
Labor Expenses:					
	FS Salaries & Benefits	\$ 1,404,132	\$ 1,276,800	\$ 1,420,116	1%
Non-Labor Expenses:					
4600	Fuel	\$ 45,000	\$ 43,000	\$ 45,000	0%
4900	Office Expense	\$ 77,500	\$ 63,200	\$ 76,600	-1%
5000	Operating Supplies	\$ 187,000	\$ 172,310	\$ 181,900	-3%
5200	Professional Services	\$ 71,000	\$ 75,000	\$ 78,000	10%
5400	Rent/Leases	\$ 3,500	\$ 3,200	\$ 3,500	0%
5500	Repair and Maintenance	\$ 252,400	\$ 260,525	\$ 317,000	26%
5600	Permitting & Monitoring	\$ 20,300	\$ 17,500	\$ 21,600	6%
5900	Utilities	\$ 227,700	\$ 259,000	\$ 257,500	13%
	Subtotal Other Expenses	\$ 884,400	\$ 893,735	\$ 981,100	11%
	<b>Total Field Services Expenses</b>	<b>\$ 2,288,532</b>	<b>\$ 2,170,535</b>	<b>\$ 2,401,216</b>	<b>5%</b>
	<b>Administration Expenses:</b>	<b>\$ 1,475,022</b>	<b>\$ 1,421,659</b>	<b>\$ 1,432,518</b>	<b>-3%</b>
6210	<b>EWA Operating Expenses:</b>	<b>\$ 1,841,919</b>	<b>\$ 1,959,879</b>	<b>\$ 1,915,644</b>	<b>4%</b>
	<b>Total LWD Facilities Expenses</b>	<b>\$ 5,605,473</b>	<b>\$ 5,552,073</b>	<b>\$ 5,749,378</b>	<b>3%</b>



**Leucadia Wastewater District  
Wastewater Enterprise - LWD Facilities  
Fiscal Year 2016 Operating Budget  
Expense Detail**

<u>Acct #</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
<b>4600</b>	<b><u>Gasoline, Oil, Fuel</u></b>				
20-41-0000-4610	Vehicle Gasoline, Diesel Fuel, Lubricants				
	Gas	\$ 20,000	\$ 13,000	\$ 15,000	-25%
	Diesel	\$ 25,000	\$ 30,000	\$ 30,000	20%
	<b>Total Gasoline, Oil, Fuel</b>	<b>\$ 45,000</b>	<b>\$ 43,000</b>	<b>\$ 45,000</b>	<b>0%</b>
<b>4900</b>	<b><u>Office Expense</u></b>				
20-41-0000-4950	Computer Service				
	GIS Support	\$ 8,000	\$ 4,000	\$ 7,000	-13%
	Xerox	\$ 900	\$ 1,000	\$ 1,000	11%
	WMS Comprehensive Support	\$ 9,000	\$ 8,700	\$ 10,000	11%
	SCADA Support and Parts	\$ 13,000	\$ 5,000	\$ 13,000	0%
	Flow monitoring ADS Intelliserve	\$ 45,000	\$ 43,000	\$ 44,000	-2%
20-41-0000-4970	Assessor Parcel Reports	\$ 1,600	\$ 1,500	\$ 1,600	0%
	<b>Total Office Expense</b>	<b>\$ 77,500</b>	<b>\$ 63,200</b>	<b>\$ 76,600</b>	<b>-1%</b>
<b>5000</b>	<b><u>Operating Supplies</u></b>				
20-41-0000-5010	Chemicals (Bioxide)	\$ 148,000	\$ 135,000	\$ 148,000	0%
20-41-0000-5020	Laundry	\$ 11,000	\$ 11,000	\$ 11,000	0%
20-41-0000-5030	Tool Replacement	\$ 2,300	\$ 2,300	\$ 2,300	0%
20-41-0000-5040	Safety Supplies				
	Steel Toe Shoes	\$ 2,400	\$ 2,200	\$ 2,400	0%
	First Aid Supplies	\$ 500	\$ 500	\$ 500	0%
	Personal Protective Equipment (disposable)	\$ 2,100	\$ 2,800	\$ 2,100	0%
	Respiratory Protection Physicals	\$ 1,100	\$ 1,100	\$ 1,100	0%
	Atmospheric Monitoring Equip. Service/Supplies	\$ 3,500	\$ 3,000	\$ 3,500	0%
	DOT Testing Program Administration (DATCO)	\$ 2,000	\$ 1,500	\$ 1,500	-25%
	Commercial Driver's License / Physicals Renewals	\$ 900	\$ 1,100	\$ 500	-44%
	Atmospheric Testing Equipment	\$ 5,100	\$ 4,600	\$ 4,000	-22%
	SCBA Equipment	\$ 1,000	\$ -	\$ 1,000	0%
	Emergency Preparedness	\$ 2,000	\$ 1,800	\$ 2,000	0%
	Safety Label Maker	\$ 3,600	\$ 3,810	\$ 500	-86%
	Traffic Control Devices	\$ 1,500	\$ 1,600	\$ 1,500	0%
	Subtotal, Safety Supplies	\$ 25,700	\$ 24,010	\$ 20,600	-20%
	<b>Total Operating Supplies</b>	<b>\$ 187,000</b>	<b>\$ 172,310</b>	<b>\$ 181,900</b>	<b>-3%</b>
<b>5200</b>	<b><u>Professional Services</u></b>				
20-41-0000-5210	Engineering Services				
	Update SSMP Audit	\$ 11,000	\$ 10,000	\$ 9,000	-18%
	District Engineering	\$ 50,000	\$ 57,000	\$ 55,000	10%
	Specialty Engineering	\$ 10,000	\$ 8,000	\$ 14,000	40%
	<b>Total Professional Services</b>	<b>\$ 71,000</b>	<b>\$ 75,000</b>	<b>\$ 78,000</b>	<b>10%</b>



<u>Acct #</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
<b>5400</b>	<b><u>Rents &amp; leases</u></b>				
20-41-0000-5410	Equipment Rental				
	Repair/maint. Equipment	500	\$ 300	500	0%
	Subtotal, Equipment Rental	\$ 500	\$ 300	\$ 500	0%
020-41-000-5440	Easement Leases				
	NCTD License Fee	\$ 3,000	\$ 2,900	\$ 3,000	0%
	<b>Total Rents and Leases</b>	<b>\$ 3,500</b>	<b>\$ 3,200</b>	<b>\$ 3,500</b>	0%
<b>5500</b>	<b><u>Repair &amp; maintenance</u></b>				
20-41-0000-5510	Line Maintenance				
	Water for Line Cleaning	\$ 12,000	\$ 13,000	\$ 13,000	8%
	Routine Line Repair Supplies	\$ 21,000	\$ 35,600	\$ 31,000	48%
	Cathodic Testing	\$ 3,500	\$ 3,500	\$ 3,500	0%
	CCTV Support/Maintenance	\$ 14,000	\$ 23,250	\$ 20,000	43%
	Vactor High Pressure Hose	\$ 5,000	\$ 6,000	\$ 6,000	20%
	Subtotal, Sewer Maintenance	\$ 55,500	\$ 81,350	\$ 73,500	32%
20-41-0000-5520	Pump Station Repair & Maintenance				
	Standby Power System Service (Generator)	\$ 15,000	\$ 7,500	\$ 15,000	0%
	Muffin Monster	\$ -	\$ -	\$ 30,000	100%
	Flow Meter Service	\$ 600	\$ -	\$ 600	0%
	Electrical Services/Diagnostic Heat Testing	\$ 7,500	\$ 22,800	\$ 7,500	0%
	Pump & Motor Repairs	\$ 27,000	\$ 18,000	\$ 27,000	0%
	Routine Pump Station Repair Supplies	\$ 8,000	\$ 12,450	\$ 8,000	0%
	Odor Control Media Replacement	\$ 18,000	\$ -	\$ 18,000	0%
	Vibrational Analysis (Predictive Maint Testing)	\$ 1,500	\$ 1,600	\$ 1,600	7%
	Subtotal, Pump Station Repair & Maintenance	\$ 77,600	\$ 62,350	\$ 107,700	39%
20-41-0000-5530	Buildings & Grounds Repair & Maintenance				
	Elevator	\$ 4,800	\$ 4,600	\$ 4,800	0%
	Audio Visual	\$ -	\$ -	\$ 1,500	100%
	Trash Service	\$ 3,000	\$ 2,700	\$ 3,000	0%
	Plant Service	\$ 2,000	\$ 2,000	\$ 2,000	0%
	Janitorial Services	\$ 17,000	\$ 17,000	\$ 21,500	26%
	Window Cleaning	\$ 900	\$ 900	\$ 900	0%
	Solar Panel Cleaning	\$ 2,000	\$ 2,000	\$ 2,000	0%
	Pest Control	\$ 700	\$ 700	\$ 700	0%
	Miscellaneous Services and Small Equipment	\$ 3,500	\$ 3,500	\$ 3,500	0%
	Landscaping/Water Feature/Gate Maintenance Services	\$ 20,000	\$ 22,000	\$ 25,000	25%
	Fire Extinguisher Service	\$ 600	\$ 475	\$ 600	0%
	Garage Door Service	\$ 1,800	\$ 3,000	\$ 3,500	94%
	HVAC Service	\$ 12,000	\$ 10,000	\$ 14,000	17%
	Roof and Gutter Maintenance	\$ -	\$ -	\$ 1,300	100%
	Cleaning Supplies	\$ 1,500	\$ 500	\$ -	-100%
	Subtotal, Buildings & Grounds Repair & Maintenance	\$ 69,800	\$ 69,375	\$ 84,300	21%

<u>Acct #</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
20-41-0000-5540	Vehicle Repair & Maintenance				
	Routine & Corrective Repairs	\$ 13,000	\$ 18,000	\$ 15,000	15%
	Tire Replacement	\$ 4,000	\$ 4,000	\$ 4,000	0%
	Vactor Major Service	\$ 30,000	\$ 25,000	\$ 30,000	0%
	Subtotal, Vehicle Repair & Maintenance	\$ 47,000	\$ 47,000	\$ 49,000	4%
20-41-0000-5550	Paint & Lubricants				
	Misc. Supplies	\$ 500	\$ 350	\$ 500	0%
	Haz-mat Disposal	\$ 1,000	\$ -	\$ 1,000	0%
	Subtotal, Paint & Lubricants	\$ 1,500	\$ 350	\$ 1,500	0%
20-41-0000-5590	Equipment Repair & Maintenance				
	Misc. Equipment Repairs (Portable Generators, Pumps)	\$ 1,000	\$ 100	\$ 1,000	0%
	<b>Total Repair and Maintenance</b>	<b>\$ 252,400</b>	<b>\$ 260,525</b>	<b>\$ 317,000</b>	<b>26%</b>
<b>5600</b>	<b>Monitoring and Permitting</b>				
20-41-0000-5610	Lab Analysis (Beach Posting Analysis)	\$ 1,500	\$ -	\$ 1,500	0%
20-41-0000-5630	Permits & Monitoring				
	Air Pollution Control District	\$ 3,500	\$ 3,750	\$ 4,000	14%
	City of Encinitas Inspection Permit	\$ 300	\$ 250	\$ 300	0%
	City of Carlsbad Inspection Permit	\$ 1,000	\$ 100	\$ 1,000	0%
	County Business Emergency Plan Permit	\$ 1,600	\$ 900	\$ 1,600	0%
	RWQCB Stormwater Permit	\$ 2,000	\$ 1,300	\$ 2,000	0%
	Collection System Permit	\$ 10,400	\$ 11,200	\$ 11,200	8%
	Subtotal Permits & Monitoring	\$ 18,800	\$ 17,500	\$ 20,100	7%
	<b>Total Monitoring and Permitting</b>	<b>\$ 20,300</b>	<b>\$ 17,500</b>	<b>\$ 21,600</b>	<b>6%</b>
<b>5900</b>	<b>Utilities</b>				
20-41-0000-5920	SCADA Remote Communications	\$ 7,000	\$ 5,500	\$ 7,000	0%
20-41-0000-5930	Electricity, District Operations	\$ 210,000	\$ 245,000	\$ 240,000	14%
20-41-0000-5940	Water, District Headquarters Site	\$ 6,500	\$ 6,000	\$ 6,500	0%
20-41-0000-5950	USA Notification Service	\$ 4,200	\$ 2,500	\$ 4,000	-5%
	<b>Total Utilities</b>	<b>\$ 227,700</b>	<b>\$ 259,000</b>	<b>\$ 257,500</b>	<b>13%</b>
<b>TOTAL LWD FACILITIES EXPENSES</b>		<b>\$ 884,400</b>	<b>\$ 893,735</b>	<b>\$ 981,100</b>	<b>11%</b>

**LEUCADIA WASTEWATER DISTRICT  
FY 2016 OPERATING BUDGET  
WASTEWATER ENTERPRISE – BATIQUITOS FACILITIES**

**Program Overview:**

The FY 2016 Wastewater Enterprise–Batiquitos Facilities operating budget reflects the expenses associated with the operation and maintenance of the Batiquitos Pump Station and Forcemain facilities. The Batiquitos Facilities are jointly owned by LWD and the City of Encinitas (Encinitas) and operating expenses are prorated based on flow. For FY 2016, operating expenses have been proportioned at approximately 80% for LWD and 20% for Encinitas.

The Wastewater Enterprise–Batiquitos 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 Facilities with support from the Administrative Services Department (ASD). The program components are summarized as follows:

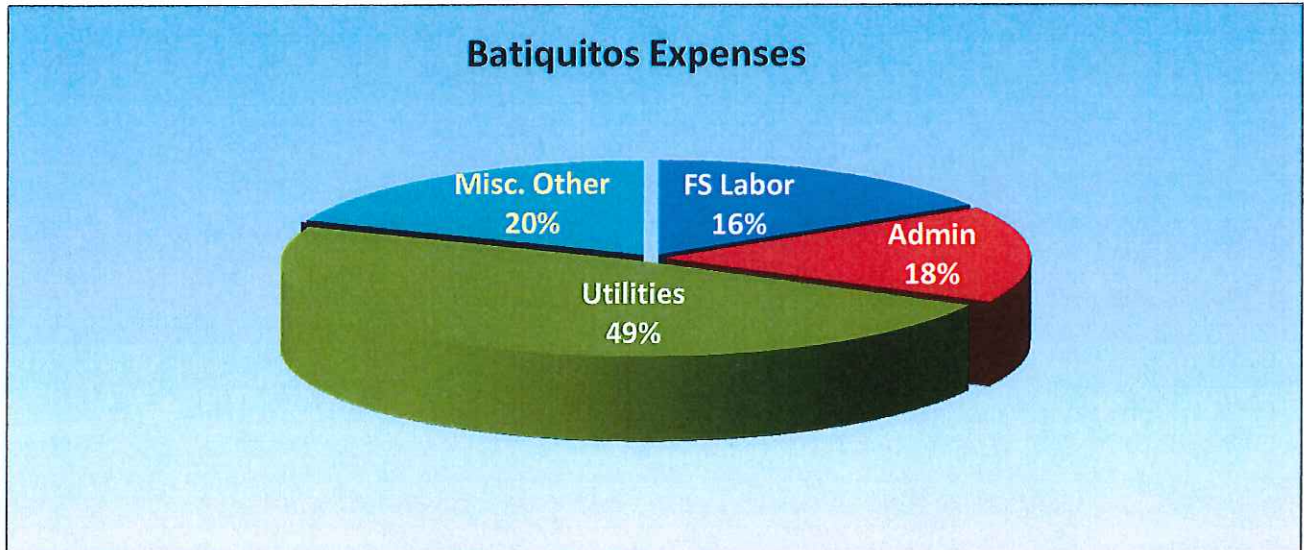
Field Services Expenses: FSD is responsible for operating the Batiquitos Facilities. FSD performs preventative maintenance of the pump station and collection system, regulatory compliance functions, training functions and customer service.

Administrative Services Expenses: ASD expenses are allocated to the Wastewater Enterprise–Batiquitos Facilities Program to reflect expenses that support the operation of the pump station and forcemain 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  
Batiquitos Facilities  
Fiscal Year 2016 Operating Budget  
Expense Summary**

<u>Account</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
<b>Field Services Expenses:</b>					
Labor Expenses:					
	FS Salaries & Benefits	\$ 61,351	\$ 59,400	\$ 64,728	6%
Non-Labor Expenses:					
4600	Fuel	\$ 1,000	\$ 500	\$ 1,000	0%
4900	Office Expense	\$ 5,000	\$ -	\$ 5,000	0%
5200	Professional Services	\$ 10,000	\$ 4,000	\$ 15,000	50%
5500	Repair and Maintenance	\$ 51,500	\$ 36,920	\$ 51,400	0%
5600	Permitting & Monitoring	\$ 2,700	\$ 2,225	\$ 2,750	2%
5900	Utilities	\$ 157,400	\$ 197,630	\$ 192,800	22%
	Subtotal Other Expenses	\$ 227,600	\$ 241,275	\$ 267,950	18%
	<b>Total Field Services Expenses</b>	<b>\$ 288,951</b>	<b>\$ 300,675</b>	<b>\$ 332,678</b>	<b>15%</b>
	<b>Administration Expenses:</b>	<b>\$ 64,735</b>	<b>\$ 66,139</b>	<b>\$ 65,366</b>	<b>1%</b>
	<b>Total Batiquitos Facilities Expenses</b>	<b>\$ 353,686</b>	<b>\$ 366,814</b>	<b>\$ 398,044</b>	<b>13%</b>



**Leucadia Wastewater District  
Wastewater Enterprise - Batiquitos Facilities  
Fiscal Year 2016 Operating Budget  
Expense Detail**

<u>Acct #</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
<b>4600</b>	<b><u>Fuel</u></b>				
20-41-0022-4610	Diesel Fuel	\$ 1,000	\$ 500	\$ 1,000	0%
	<b>Total Fuel Expense</b>	<b>\$ 1,000</b>	<b>\$ 500</b>	<b>\$ 1,000</b>	<b>0%</b>
<b>4900</b>	<b><u>Office Expense</u></b>				
20-41-0022-4950	Computer Service				
	SCADA Support and Parts	\$ 5,000	\$ -	\$ 5,000	0%
	<b>Total Office Expense</b>	<b>\$ 5,000</b>	<b>\$ -</b>	<b>\$ 5,000</b>	<b>0%</b>
<b>5200</b>	<b><u>Professional Services</u></b>				
20-41-0022-5210	Engineering Services				
	Supplemental Environmental Project	\$ -	\$ -	\$ 10,000	100%
	District Engineering	\$ 5,000	\$ -	\$ -	-100%
	Specialty Engineering	\$ 5,000	\$ 4,000	\$ 5,000	0%
	<b>Total Professional Services</b>	<b>\$ 10,000</b>	<b>\$ 4,000</b>	<b>\$ 15,000</b>	<b>50%</b>
<b>5500</b>	<b><u>Repair &amp; Maintenance</u></b>				
20-41-0022-5520	Flow Meter Service	\$ 800	\$ -	\$ 800	0%
	Standby Power System Service (generator)	\$ 3,500	\$ 1,500	\$ 3,500	0%
	VFD Service	\$ 3,000	\$ -	\$ 1,500	-50%
	Pump & Motor Repairs	\$ 4,000	\$ 3,800	\$ 4,000	0%
	Cathodic Testing	\$ 1,800	\$ 1,800	\$ 2,000	11%
	Electrical Services	\$ 4,000	\$ 1,800	\$ 4,000	0%
	Transfer Switch Testing & Electrical Heat Test	\$ 1,500	\$ 1,500	\$ 1,500	0%
	Vibrational Analysis BPS (Predictive Testing)	\$ 600	\$ 500	\$ 600	0%
	HVAC Service	\$ 500	\$ -	\$ 500	0%
	Miscellaneous Services/Supplies	\$ 3,000	\$ 4,500	\$ 4,200	40%
	Landscaping Service	\$ 1,800	\$ 1,520	\$ 1,800	0%
	Odor Control Media Replacement	\$ 22,000	\$ 20,000	\$ 22,000	0%
	Force main Operations	\$ 5,000	\$ -	\$ 5,000	0%
	<b>Total Repair &amp; Maintenance</b>	<b>\$ 51,500</b>	<b>\$ 36,920</b>	<b>\$ 51,400</b>	<b>0%</b>
<b>5600</b>	<b><u>Monitoring and Permitting</u></b>				
20-41-0022-5630	Permits & Monitoring				
	County HazMat (Business Plan) Permit	\$ 400	\$ 425	\$ 450	13%
	APCD - Generator & Pump Emissions/Odor Control	\$ 2,300	\$ 1,800	\$ 2,300	0%
	<b>Total Monitoring &amp; Permitting</b>	<b>\$ 2,700</b>	<b>\$ 2,225</b>	<b>\$ 2,750</b>	<b>2%</b>
<b>5900</b>	<b><u>Utilities</u></b>				
20-41-0022-5910	Telephone	\$ 1,900	\$ 1,950	\$ 2,000	5%
20-41-0022-5930	Batiquitos Electrical Power	\$ 155,000	\$ 195,000	\$ 190,000	23%
20-41-0022-5940	Water	\$ 500	\$ 680	\$ 800	60%
	<b>Total Utilities</b>	<b>\$ 157,400</b>	<b>\$ 197,630</b>	<b>\$ 192,800</b>	<b>22%</b>
<b>Total Batiquitos Facilities Expenses</b>		<b>\$ 227,600</b>	<b>\$ 241,275</b>	<b>\$ 267,950</b>	<b>18%</b>

**LEUCADIA WASTEWATER DISTRICT  
FY 2016 OPERATING BUDGET  
RECYCLED WATER ENTERPRISE**

**Program Overview:**

The FY 2016 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:

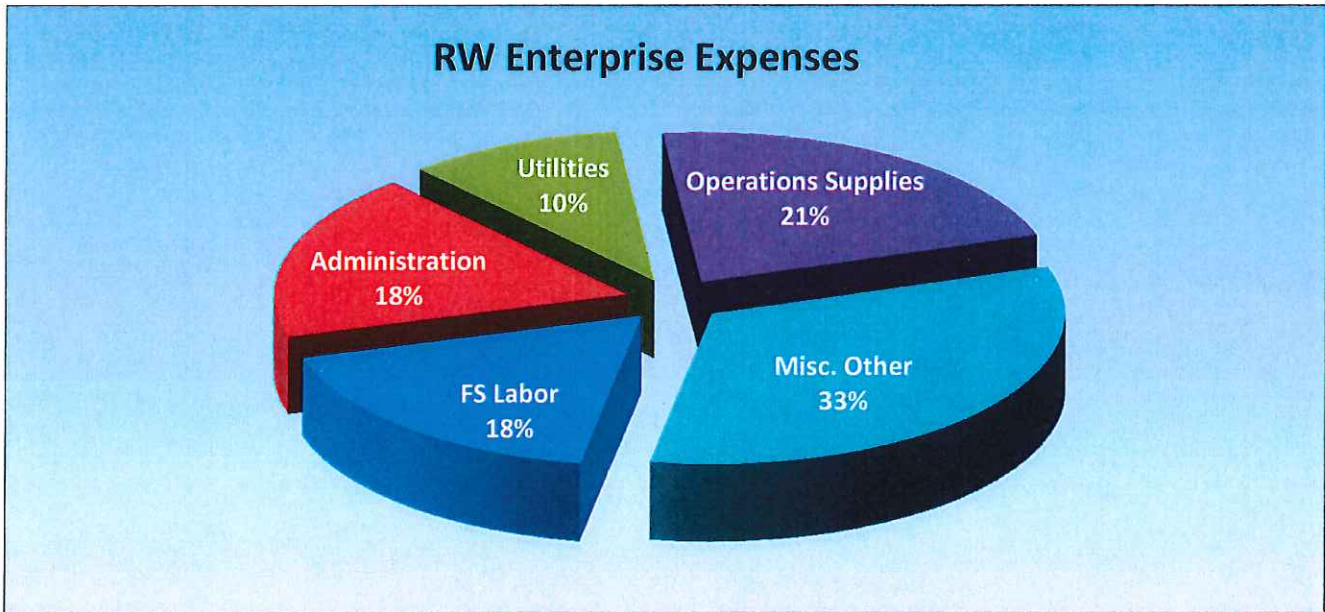
Field Services Expenses: FSD is responsible for operating the Gafner WRF. The operation consists of chemically treating and filtering secondary effluent in accordance with all public health and environmental standards. FSD performs preventative maintenance, regulatory compliance functions, training functions 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 Enterprise  
Fiscal Year 2016 Operating Budget  
Expense Summary**

<u>Account</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
<b>Field Services Expenses:</b>					
Labor:					
	FS Salaries & Benefits	\$ 33,356	\$ 31,800	\$ 36,016	8%
Non-Labor Expenses:					
4900	Office Expenses	\$ 3,300	\$ 660	\$ 3,300	0%
5000	Operating Supplies	\$ 40,000	\$ 42,000	\$ 44,000	10%
5200	Professional Services	\$ 12,500	\$ 4,000	\$ 12,500	0%
5500	Repair and Maintenance	\$ 19,500	\$ 20,800	\$ 20,500	5%
5600	Permitting & Monitoring	\$ 26,700	\$ 29,800	\$ 30,500	14%
5900	Utilities	\$ 16,000	\$ 18,000	\$ 20,000	25%
	Subtotal Non-Labor Expenses	\$ 118,000	\$ 115,260	\$ 130,800	11%
	<b>Total Field Services Expenses</b>	<b>\$ 151,356</b>	<b>\$ 147,060</b>	<b>\$ 166,816</b>	<b>10%</b>
	<b>Administration Expenses:</b>	<b>\$ 35,289</b>	<b>\$ 35,408</b>	<b>\$ 36,297</b>	<b>3%</b>
	<b>Total RW Enterprise Expenses</b>	<b>\$ 186,645</b>	<b>\$ 182,468</b>	<b>\$ 203,113</b>	<b>9%</b>



**Leucadia Wastewater District  
Recycled Water Enterprise  
Fiscal Year 2016 Operating Budget  
Expense Detail**

<u>Acct #</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
<b>4900</b>	<b><u>Office Expense</u></b>				
30-43-0019-4950	Computer Service				
	WMS Software Maintenance	\$ 300	\$ 300	\$ 300	0%
	SCADA Support & Parts	\$ 3,000	\$ 360	\$ 3,000	0%
	<b>Total Office Expense</b>	<b>\$ 3,300</b>	<b>\$ 660</b>	<b>\$ 3,300</b>	0%
<b>5000</b>	<b><u>Operating Supplies</u></b>				
30-43-0019-5010	Chemicals				
	Polyalum & Sodium Hypochlorite	\$ 40,000	\$ 42,000	\$ 44,000	10%
	<b>Total Operating Supplies</b>	<b>\$ 40,000</b>	<b>\$ 42,000</b>	<b>\$ 44,000</b>	10%
<b>5200</b>	<b><u>Professional Services</u></b>				
30-43-0019-5210	Engineering Services				
	District Engineering	\$ 5,000	\$ -	\$ 5,000	0%
	Specialty Engineering	\$ 2,500	\$ 4,000	\$ 2,500	0%
	Subtotal, Engineering Services	\$ 7,500	\$ 4,000	\$ 7,500	0%
30-43-0019-5220	Legal Services	\$ 5,000	\$ -	\$ 5,000	0%
	<b>Total Professional Services</b>	<b>\$ 12,500</b>	<b>\$ 4,000</b>	<b>\$ 12,500</b>	0%
<b>5500</b>	<b><u>Repair &amp; Maintenance</u></b>				
30-43-0019-5580	Calibration Services (flow/turbidity/CI residual)	\$ 4,500	\$ 5,500	\$ 5,500	22%
	Routine Plant Equipment Maintenance	\$ 6,000	\$ 7,300	\$ 6,000	0%
	VFD/Electrical Services	\$ 9,000	\$ 8,000	\$ 9,000	0%
	<b>Total Repair and Maintenance</b>	<b>\$ 19,500</b>	<b>\$ 20,800</b>	<b>\$ 20,500</b>	5%

<u>Acct #</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
<b>5600</b>	<b><u>Monitoring and Permitting</u></b>				
30-43-0019-5610	Lab Analysis				
	Laboratory Analysis	\$ 7,700	\$ 10,000	\$ 10,500	36%
	Subtotal Lab Analysis	\$ 7,700	\$ 10,000	\$ 10,500	36%
30-43-0019-5630	Permits & Monitoring				
	RWQCB discharge permit	\$ 14,000	\$ 15,000	\$ 15,000	7%
	San Marcos Creek Flow Measurement	\$ 5,000	\$ 4,800	\$ 5,000	0%
	Subtotal Permits & Monitoring	\$ 19,000	\$ 19,800	\$ 20,000	5%
	<b>Total Monitoring &amp; Permitting</b>	<b>\$ 26,700</b>	<b>\$ 29,800</b>	<b>\$ 30,500</b>	<b>14%</b>
<b>5900</b>	<b><u>Utilities</u></b>				
30-43-0019-5930	Encina Effluent Pump Station (EEPS)	\$ 16,000	\$ 18,000	\$ 20,000	25%
	<b>Total Utilities</b>	<b>\$ 16,000</b>	<b>\$ 18,000</b>	<b>\$ 20,000</b>	<b>25%</b>
<b>Total Recycled Water Enterprise</b>		<b>\$ 118,000</b>	<b>\$ 115,260</b>	<b>\$ 130,800</b>	<b>11%</b>



**LEUCADIA WASTEWATER DISTRICT  
FY 2016 OPERATING BUDGET  
ADMINISTRATIVE SERVICES**

**Program Overview:**

The Administrative Services Department (ASD) provides support services for LWD's core functions: the collection, transmission of 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, and customer service.

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

Finance: ASD provides payroll, accounts payable, accounts receivable and other financial reporting functions for LWD. ASD staff monitors all cash flow issues and processes approximately 2,500 transactions per year. 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 moral, 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.

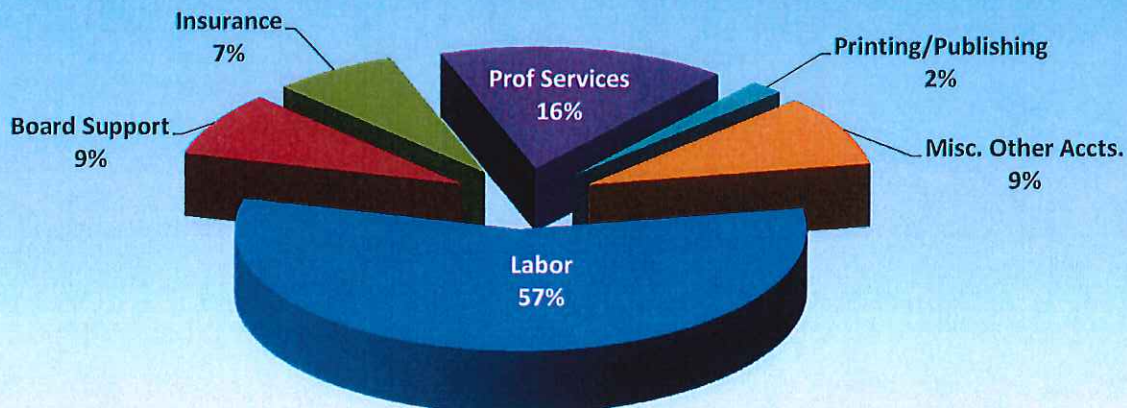
Risk Management: ASD oversees LWD's risk management functions through close coordination with the California Sanitation Risk Management Association (CSRMA). Critical risk management functions include proactively maintaining overall workplace health and safety as well as managing workers compensation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

Customer Service: ASD provides direct customer service by responding to inquires, providing information, distributing material and resolving issues. The ASD maintains a customer account database of approximately 20,000 accounts.

**Leucadia Wastewater District  
Administrative Services Department  
Fiscal Year 2016 Operating Budget  
Expense Summary**

<u>Account</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
<b>Labor Expenses:</b>					
	Admin Salaries & Benefits	\$ 903,860	\$ 894,000	\$ 945,095	5%
<b>Non-Labor Expenses:</b>					
	Board Support	\$ 140,350	\$ 137,330	\$ 140,100	0%
	Election	\$ 30,000	\$ 13,000	\$ -	-100%
	Insurance	\$ 118,000	\$ 128,700	\$ 118,000	0%
	Memberships	\$ 27,800	\$ 22,890	\$ 25,400	-9%
	Office Expense	\$ 29,900	\$ 26,190	\$ 37,200	24%
	Professional Services	\$ 311,200	\$ 309,750	\$ 271,900	-13%
	Printing/Publishing	\$ 32,000	\$ 28,000	\$ 32,000	0%
	Rents & leases	\$ 15,600	\$ 12,620	\$ 11,650	-25%
	Repair & Maintenance	\$ 1,500	\$ 700	\$ 1,500	0%
	Training & Development	\$ 44,500	\$ 42,500	\$ 46,500	4%
	Utilities	\$ 28,300	\$ 27,700	\$ 27,300	-4%
	LAFCO Operations	\$ 6,200	\$ 6,000	\$ 6,200	0%
	Subtotal Non-Labor Expenses	\$ 785,350	\$ 755,380	\$ 717,750	-9%
	<b>Total Admin Expenses</b>	<b>\$ 1,689,210</b>	<b>\$ 1,649,380</b>	<b>\$ 1,662,845</b>	<b>-2%</b>
<b>Administration Allocation Schedule</b>					
<b>LWD Facilities</b>					
	Labor	\$ 739,560	\$ 716,638	\$ 762,331	3%
	Non-Labor	\$ 735,462	\$ 705,021	\$ 670,187	-9%
	<b>Total LWD Facilities</b>	<b>\$ 1,475,022</b>	<b>\$ 1,421,659</b>	<b>\$ 1,432,518</b>	<b>-3%</b>
<b>Batiquitos Facilities</b>					
	Labor	\$ 32,444	\$ 33,340	\$ 34,783	7%
	Non-Labor	\$ 32,291	\$ 32,799	\$ 30,583	-5%
	<b>Total Batiquitos Facilities</b>	<b>\$ 64,735</b>	<b>\$ 66,139</b>	<b>\$ 65,366</b>	<b>1%</b>
<b>Recycled Water Enterprise</b>					
	Labor	\$ 17,692	\$ 17,849	\$ 19,317	9%
	Non-Labor	\$ 17,597	\$ 17,559	\$ 16,980	-4%
	<b>Total RWE</b>	<b>\$ 35,289</b>	<b>\$ 35,408</b>	<b>\$ 36,297</b>	<b>3%</b>
<b>Capital Projects</b>					
	Labor	\$ 114,164	\$ 126,175	\$ 128,665	13%
	Non-Labor	\$ -	\$ -	\$ -	-
	<b>Total Capital</b>	<b>\$ 114,164</b>	<b>\$ 126,175</b>	<b>\$ 128,665</b>	<b>13%</b>

**Administration Expense Breakout**



**Leucadia Wastewater District  
Administration Department  
Fiscal Year 2016 Operating Budget  
Expense Detail**

<u>Acct #</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
<b>4300</b>	<b><u>Directors' Expense</u></b>				
01-45-0000-4310	Directors' Compensation				
	Regular Board meetings	\$ 11,000	\$ 10,800	\$ 11,000	0%
	Special Board meetings	\$ 2,000	\$ 1,800	\$ 2,000	0%
	Committee meetings	\$ 8,000	\$ 9,000	\$ 9,000	13%
	CASA meetings	\$ 9,000	\$ 8,000	\$ 9,000	0%
	CSDA meetings	\$ 10,000	\$ 13,500	\$ 10,000	0%
	WaterReuse meetings	\$ 6,000	\$ 4,500	\$ 5,000	-17%
	Miscellaneous meetings	\$ 6,000	\$ 6,500	\$ 6,000	0%
	Subtotal, Directors' compensation	\$ 52,000	\$ 54,100	\$ 52,000	0%
01-45-0000-4320	Directors' Benefits				
	Health insurance	\$ 32,000	\$ 29,000	\$ 32,000	0%
	Life insurance	\$ 600	\$ 500	\$ 600	0%
	Dental insurance	\$ 4,000	\$ 4,400	\$ 4,700	18%
	Vision insurance	\$ 550	\$ 530	\$ 600	9%
	OPEB - retirement health	\$ 1,500	\$ 1,400	\$ 1,500	0%
	PERS	\$ 2,700	\$ 2,400	\$ 2,700	0%
	Subtotal, Directors' benefits	\$ 41,350	\$ 38,230	\$ 42,100	2%
01-45-0000-4330	Directors' Conferences				
	CASA	\$ 20,000	\$ 21,000	\$ 21,000	5%
	CSDA	\$ 12,000	\$ 13,000	\$ 12,000	0%
	Waterreuse	\$ 8,000	\$ 8,000	\$ 8,000	0%
	Misc. Directors' Conference	\$ 7,000	\$ 3,000	\$ 5,000	-29%
	Subtotal, Directors' Conferences	\$ 47,000	\$ 45,000	\$ 46,000	-2%
	<b>Total Directors' Expense</b>	<b>\$ 140,350</b>	<b>\$ 137,330</b>	<b>\$ 140,100</b>	<b>0%</b>
<b>4400</b>	<b><u>Election</u></b>				
01-45-0000-4400	<b>Total Election Expense</b>	<b>\$ 30,000</b>	<b>\$ 13,000</b>	<b>\$ -</b>	<b>-100%</b>
<b>4700</b>	<b><u>Insurance</u></b>				
01-45-0000-4710	Liability Insurance	\$ 95,000	\$ 72,100	\$ 95,000	0%
01-45-0000-4715	Property Insurance	\$ 18,000	\$ 16,600	\$ 18,000	0%
01-45-0000-4720	Self Insurance	\$ 5,000	\$ 40,000	\$ 5,000	0%
	<b>Total Insurance</b>	<b>\$ 118,000</b>	<b>\$ 128,700</b>	<b>\$ 118,000</b>	<b>0%</b>



<u>Acct #</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
<b>4800</b>	<b><u>Memberships</u></b>				
01-45-0000-4810	Professional & Employees				
	CSDA	\$ 5,300	\$ 5,700	\$ 5,700	8%
	WEFICWEA	\$ 2,300	\$ 2,100	\$ 2,300	0%
	CASA	\$ 12,500	\$ 8,500	\$ 10,000	-20%
	Chamber - Encinitas	\$ 300	\$ 250	\$ 300	0%
	Chamber - Carlsbad	\$ 800	\$ 800	\$ 800	0%
	Watereuse	\$ 2,000	\$ 1,700	\$ 2,000	0%
	CostCo	\$ -	\$ 220	\$ 200	100%
	SDEA	\$ 600	\$ 600	\$ 600	0%
	SCAP	\$ 600	\$ 550	\$ 600	0%
	GFOA	\$ 200	\$ 160	\$ 200	0%
	CSMFO	\$ 200	\$ 110	\$ 200	0%
	Agua Hedionda World Water Day	\$ 800	\$ 750	\$ 800	0%
	Batiquitos Lagoon Foundation	\$ 2,000	\$ 1,250	\$ 1,500	-25%
	N. County Human Resources (NCPA)	\$ 200	\$ 200	\$ 200	0%
	<b>Total Memberships</b>	<b>\$ 27,800</b>	<b>\$ 22,890</b>	<b>\$ 25,400</b>	<b>-9%</b>
<b>4900</b>	<b><u>Office Expense</u></b>				
01-45-0000-4910	Office and Cleaning Supplies	\$ 13,000	\$ 8,000	\$ 11,000	-15%
01-45-0000-4920	Postage and Shipping	\$ 2,500	\$ 2,000	\$ 2,500	0%
01-45-0000-4925	File Archive Service	\$ 1,800	\$ 1,200	\$ 1,500	-17%
01-45-0000-4930	Subscriptions:				
	Union Tribune	\$ 400	\$ 500	\$ 500	25%
	CA Chamber of Commerce	\$ 200	\$ 140	\$ 200	0%
	Misc. Publications	\$ 200	\$ 200	\$ 200	0%
	Hope Health Newsletter	\$ 300	\$ 300	\$ 300	0%
	Subtotal, Subscriptions	1,100	\$ 1,140	\$ 1,200	9%
01-45-0000-4950	Computer Software and Misc. Hardware:				
	Accounting Software Support	\$ 4,500	\$ 4,800	\$ 5,000	11%
	Transfer Sewer Service Data to ASCII Format	\$ 800	\$ 500	\$ 800	0%
	Miscellaneous Computer Equipment	\$ -	\$ -	\$ 6,000	100%
	Software Upgrades	\$ 5,000	\$ 7,500	\$ 8,000	60%
	Subtotal Computer Service	\$ 10,300	\$ 12,800	\$ 19,800	92%
01-45-0000-4960	Burglar & Fire Alarm	\$ 1,200	\$ 1,050	\$ 1,200	0%
	<b>Total Office Expense</b>	<b>\$ 29,900</b>	<b>\$ 26,190</b>	<b>\$ 37,200</b>	<b>24%</b>
<b>5200</b>	<b><u>Professional Services</u></b>				
01-45-0000-5220	Legal Service				
	Board Meeting Attendance & Preparation	\$ 10,000	\$ 10,000	\$ 10,000	0%
	Misc. Legal Services	\$ 40,000	\$ 35,000	\$ 40,000	0%
	Subtotal, Legal Services	\$ 50,000	\$ 45,000	\$ 50,000	0%
01-45-0000-5225	Financial Service				
	Accounting Services	\$ 102,500	\$ 111,000	\$ 59,000	-42%
	OPEB Actuarial	\$ -	\$ -	\$ 5,200	100%
	PERS Actuarial	\$ 2,000	\$ 850	\$ 1,000	-50%
	Investment Mgmt. Services	\$ 10,000	\$ 9,200	\$ 10,000	0%
	Subtotal, Financial Services	\$ 114,500	\$ 121,050	\$ 75,200	-34%

<u>Acct #</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
01-45-0000-5226	Network Support/Consulting Services	\$ 24,200	\$ 18,000	\$ 24,200	0%
01-45-0000-5227	Management Support Services				
	General Services	\$ 42,000	\$ 47,000	\$ 42,000	0%
	Subtotal, Management Support Services	\$ 42,000	\$ 47,000	\$ 42,000	0%
01-45-0000-5230	Health Broker's Fees	\$ 1,000	\$ -	\$ 500	-50%
01-45-0000-5240	Auditor				
	Annual audit	\$ 21,500	\$ 21,500	\$ 22,000	2%
01-45-0000-5250	Bank Fees	\$ 8,000	\$ 7,200	\$ 8,000	0%
01-45-0000-5260	Public Information	\$ 50,000	\$ 50,000	\$ 50,000	0%
	<b>Total Professional Services</b>	<b>\$ 311,200</b>	<b>\$ 309,750</b>	<b>\$ 271,900</b>	<b>-13%</b>
<b>5300</b>	<b><u>Printing &amp; Publishing</u></b>				
01-45-0000-5310	Advertising	2,000	\$ 8,000	\$ 4,000	100%
01-45-0000-5320	Printing (Newsletter Publishing)	30,000	\$ 20,000	\$ 28,000	-7%
	<b>Total Printing &amp; Publishing</b>	<b>\$ 32,000</b>	<b>\$ 28,000</b>	<b>\$ 32,000</b>	<b>0%</b>
<b>5400</b>	<b><u>Rents &amp; Leases</u></b>				
01-45-0000-5420	Office Equipment Rental				
	Postage Meter	\$ 600	\$ 620	\$ 650	8%
	Copier Lease/Maintenance Contract	\$ 15,000	\$ 12,000	\$ 11,000	-27%
		\$ 15,600	\$ 12,620	\$ 11,650	-25%
	<b>Total Rents &amp; Leases</b>	<b>\$ 15,600</b>	<b>\$ 12,620</b>	<b>\$ 11,650</b>	<b>-25%</b>
<b>5500</b>	<b><u>Repair &amp; Maintenance</u></b>				
01-45-0000-5570	Office Equipment Repair & Maintenance				
	Telephone Equipment	\$ 500	\$ 200	\$ 500	0%
	Computers, Printers, Fax	\$ 1,000	\$ 500	\$ 1,000	0%
	<b>Total Repairs &amp; Maintenance</b>	<b>\$ 1,500</b>	<b>\$ 700</b>	<b>\$ 1,500</b>	<b>0%</b>
<b>5700</b>	<b><u>Training and Development</u></b>				
01-45-0000-5710	Training, Education & Conferences	\$ 35,000	\$ 33,000	\$ 37,000	6%
01-45-0000-5720	Mileage & Transportation	\$ 500	\$ 500	\$ 500	0%
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%
	<b>Total Travel &amp; Conferences</b>	<b>\$ 44,500</b>	<b>\$ 42,500</b>	<b>\$ 46,500</b>	<b>4%</b>

<u>Acct #</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
5900	<u>Utilities</u>				
01-45-0000-5910	Telephone				
	Answering Service	\$ 1,100	\$ 1,100	\$ 1,100	0%
	Elevator/Emergency Phone Service	\$ 2,500	\$ 3,100	\$ 3,500	40%
	Telephone Service	\$ 11,500	\$ 12,800	\$ 11,500	0%
	Cellular Phone Service	\$ 12,000	\$ 9,500	\$ 10,000	-17%
	Web Page Hosting	\$ 1,200	\$ 1,200	\$ 1,200	0%
	<b>Total Utilities</b>	<b>\$ 28,300</b>	<b>\$ 27,700</b>	<b>\$ 27,300</b>	<b>-4%</b>
6000	<u>Unclassified</u>				
01-45-0000-6100	LAFCO Operations	\$ 6,200	\$ 6,000	\$ 6,200	0%
	<b>Total Unclassified</b>	<b>\$ 6,200</b>	<b>\$ 6,000</b>	<b>\$ 6,200</b>	<b>0%</b>
<b>TOTAL ADMINISTRATION EXPENSES</b>		<b>\$ 785,350</b>	<b>\$ 755,380</b>	<b>\$ 717,750</b>	<b>-9%</b>



**LEUCADIA WASTEWATER DISTRICT  
FY 2016 BUDGET  
DEVELOPMENT**

**Program Overview:**

The FY 2016 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 Program  
Fiscal Year 2016 Operating Budget  
Expense Summary**

<u>Account</u>	<u>Description</u>	<u>FY 2015 Budget</u>	<u>FY 2015 Projected</u>	<u>FY 2016 Budget</u>	<u>% Change Bud to Bud</u>
<b>Development Expenses:</b>					
Labor:					
	Salaries & Benefits	\$ 7,843	\$ 5,000	\$ 6,924	-12%
Non-Labor Expenses:					
5200	Professional Services				
5210	District Engineering Services	\$ 150,000	\$ 160,000	\$ 150,000	0%
5220	Legal Services	\$ 5,000	\$ 1,000	\$ 5,000	0%
5221	LAFCO Fees - Annexation	\$ 9,000	\$ 3,000	\$ 6,000	-33%
5222	State Board - Annexation Fees	\$ 1,500	\$ 1,000	\$ 1,000	-33%
	<b>Total Professional Services</b>	<b>\$ 165,500</b>	<b>\$ 165,000</b>	<b>\$ 162,000</b>	<b>-2%</b>
	<b>Total Development Expenses</b>	<b>\$ 173,343</b>	<b>\$ 170,000</b>	<b>\$ 168,924</b>	<b>-3%</b>



**CAPITAL ACQUISITION  
PROGRAM**



**Leucadia Wastewater District  
Fiscal Year 2016 Capital Budget  
Capital Acquisition Expense Summary**

	<u>FY 15 Budget</u>	<u>FY 15 Projected</u>	<u>FY 16 Budget</u>	<u>% Change Bud to Bud</u>
<b>Wastewater (LWD Facilities)</b>				
6310 Vehicle Acquisition	\$ -	\$ -	\$ 384,000	100%
6350 Sewer Maintenance Equipment	\$ 100,000	\$ 86,440	\$ 53,700	-46%
6360 Office Equipment	\$ 28,500	\$ 36,700	\$ 44,500	56%
6380 Pump Station Equipment	\$ 81,400	\$ 99,750	\$ 32,500	-60%
<b>Wastewater (Batiquitos Facilities)</b>				
6380 Pump Station Equipment	\$ 5,300	\$ 5,330	\$ -	-100%
<b>Recycled Water</b>				
6390 AWT Equipment	<u>\$ 77,000</u>	<u>\$ 77,700</u>	<u>\$ 26,000</u>	-66%
<b>Total Capital Acquisition</b>	<u><u>\$ 292,200</u></u>	<u><u>\$ 305,920</u></u>	<u><u>\$ 540,700</u></u>	85%

**Program Overview:**

The District's Sewer Enterprise Capital Acquisition Program (CAP) 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 Enterprise CAP equipment purchases and activities are funded through non-operating revenues and Capital Expenditure Reserves and are dictated by replacement or growth (capacity) related needs.

Recycled water CAP 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 Enterprise, key components of the FY 2016 Capital Acquisition Program include the purchase of a new vactor truck along with the replacement of CCTV equipment and other critical sewer maintenance equipment. In addition, LWD will also upgrade the District network server and network shared storage equipment. The key component of the recycled water CAP is the replacement of AWT equipment.

**Leucadia Wastewater District  
Fiscal Year 2016 Capital Budget  
Capital Acquisition Expense Detail**

<u>Acct #</u>		<u>FY 15 Budget</u>	<u>FY 15 Projected</u>	<u>FY 16 Budget</u>	<u>% Change Bud to Bud</u>
<b>6300</b>	<b>Capital Acquisition</b>				
<b>Wastewater (LWD Facilities)</b>					
50-99-0000- 6310	Vehicle Acquisition				
	Vactor Truck	\$ -	\$ -	\$ 384,000	100%
	<b>Subtotal Vehicle Acquisition</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 384,000</b>	<b>100%</b>
50-99-0000- 6350	Sewer Maintenance Equipment				
	Trailer Mounted Mini- Jetter	\$ 65,000	\$ 53,620	\$ -	-100%
	Vactor Nozzle Kit	\$ 5,000	\$ 4,320	\$ 5,000	0%
	Replace CCTV Equipment	\$ 12,000	\$ 12,000	\$ 30,700	156%
	Critical Inventory (Domes/Rings/Couplings)	\$ 18,000	\$ 16,500	\$ 18,000	0%
	<b>Subtotal Sewer Maint Equipment</b>	<b>\$ 100,000</b>	<b>\$ 86,440</b>	<b>\$ 53,700</b>	<b>-46%</b>
50-99-0000- 6360	Office Equipment				
	Financial Software Upgrade	\$ -	\$ 5,800	\$ 15,000	100%
	Document Management System	\$ 17,500	\$ 19,900	\$ -	-100%
	Re-Seal Parking Lot & Restripe	\$ 5,000	\$ 5,000	\$ -	-100%
	Network Equipment/Supplies	\$ 6,000	\$ 6,000	\$ -	-100%
	Network Equipment - Server Upgrade	\$ -	\$ -	\$ 8,700	100%
	Replace Network Shared Storage	\$ -	\$ -	\$ 20,800	100%
	<b>Subtotal Office Equipment</b>	<b>\$ 28,500</b>	<b>\$ 36,700</b>	<b>\$ 44,500</b>	<b>56%</b>
50-99-0000- 6380	Pump Station Equipment				
	Refurbish Pump Seals	\$ 8,000	\$ 6,000	\$ 6,000	-25%
	Replace Valves RV PS	\$ 5,200	\$ 2,500	\$ -	-100%
	Replace Odaloggers (3)	\$ 5,000	\$ 5,160	\$ -	-100%
	Replace Gas Monitors (2)	\$ 7,000	\$ 6,850	\$ 7,000	0%
	LPS equip (ozone meter /chart recorder)	\$ 7,200	\$ 8,650	\$ -	-100%
	Milltronics Units (3)	\$ -	\$ -	\$ 10,000	100%
	Replace SCADA Equipment	\$ 49,000	\$ 70,590	\$ -	-100%
	New Pump at RV PS	\$ -	\$ -	\$ 9,500	100%
	<b>Subtotal Pump Station Equipment</b>	<b>\$ 81,400</b>	<b>\$ 99,750</b>	<b>\$ 32,500</b>	<b>-60%</b>
<b>Wastewater (Batiquitos Facilities)</b>					
50-99-0022- 6380	Pump Station Equipment				
	Carbon Scrubber Extension Vent	\$ 5,300	\$ 5,330	\$ -	-100%
	<b>Subtotal Pump Station Equipment</b>	<b>\$ 5,300</b>	<b>\$ 5,330</b>	<b>\$ -</b>	<b>-100%</b>
<b>Recycled Water</b>					
50-99-0019- 6390	AWT Equipment				
	Scada Upgrade Project	\$ 54,000	\$ 54,800	\$ -	-100%
	Planned Equipment Replacement	\$ 6,000	\$ 5,900	\$ 6,000	0%
	Replace AWT Valve bodies	\$ -	\$ -	\$ 20,000	100%
	Replace Weirs Reactor Clarifier	\$ 17,000	\$ 17,000	\$ -	-100%
	<b>Subtotal AWT Equipment</b>	<b>\$ 77,000</b>	<b>\$ 77,700</b>	<b>\$ 26,000</b>	<b>-66%</b>
	<b>Total Capital Acquisitions</b>	<b>\$ 292,200</b>	<b>\$ 305,920</b>	<b>\$ 540,700</b>	<b>85%</b>



**CAPITAL IMPROVEMENT  
PROGRAM**



**LEUCADIA WASTEWATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM APPROPRIATIONS SUMMARY  
FISCAL YEAR 2016**

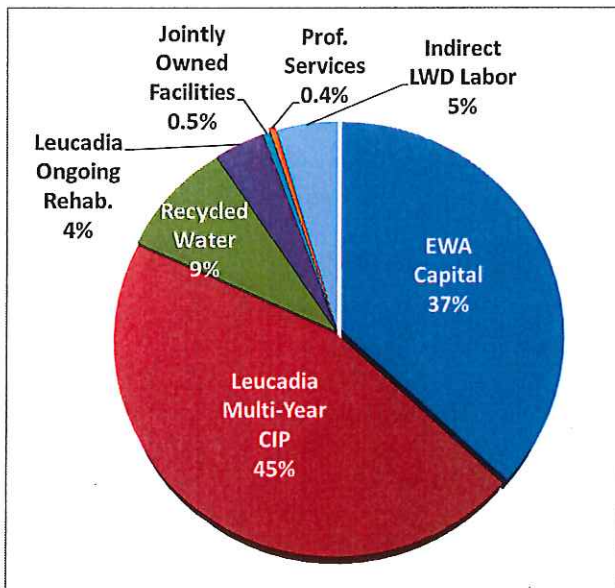
Location Code	PROJECTS	Prior Appropriations 1	Projected Cumulative Expenditures 2	Projected Remaining Appropriations 3 =(1 - 2)	Projected Carryover 4	FY 2016 Appropriation 5	Projected Remaining CIP Appropriation 6 =(4 + 5)
<b>Leucadia Multi-year CIP</b>							
0331	Leucadia Pump Station Generator Replacement	\$ 630,000	\$ 630,000	\$ -	\$ -	\$ -	\$ -
0341	Scott's Valley Pipeline Repair	\$ 521,000	\$ 57,000	\$ 464,000	\$ 464,000	\$ -	\$ 464,000
0344	Leucadia Pump Station VFD Replacement	\$ 286,500	\$ 216,000	\$ 50,500	\$ 50,500	\$ -	\$ 50,500
0345	Leucadia (L-1) Force Main West Section Replacement	\$ 70,400	\$ 80,000	\$ (9,600)	\$ (9,600)	\$ 1,367,000	\$ 1,357,400
0346	FY 2015 Gravity Pipeline Rehabilitation	\$ 641,000	\$ 625,500	\$ 15,500	\$ 15,500	\$ -	\$ 15,500
0347	Saxony Pump Station Rehabilitation	\$ 566,900	\$ 22,900	\$ 544,000	\$ 544,000	\$ 126,900	\$ 670,900
0348	L2 Cathodic Protection - Anode Replacement	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -
0349	Disaster Preparedness	\$ 26,000	\$ 17,000	\$ 9,000	n/a	\$ -	\$ -
0353	2016 Gravity Pipeline Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ 666,000	\$ 666,000
0354	Village Park No.5 Pump Station Replacement	\$ -	\$ -	\$ -	\$ -	\$ 893,500	\$ 893,500
	<b>Leucadia Multi-year CIP Total:</b>	<b>\$ 2,741,800</b>	<b>\$ 1,668,400</b>	<b>\$ 1,073,400</b>	<b>\$ 1,064,400</b>	<b>\$ 3,053,400</b>	<b>\$ 4,117,800</b>
<b>Leucadia Ongoing Rehabilitation:</b>							
0077	Miscellaneous Pipeline / Manhole Rehabilitation	\$ 150,000	\$ 145,000	\$ 5,000	n/a	\$ 160,000	\$ 160,000
0323	Lateral Replacement / Backflow Preventer Program	\$ 100,000	\$ 32,000	\$ 68,000	n/a	\$ 100,000	\$ 100,000
	<b>Leucadia Rehab Total:</b>	<b>\$ 250,000</b>	<b>\$ 177,000</b>	<b>\$ 73,000</b>	<b>\$ -</b>	<b>\$ 260,000</b>	<b>\$ 260,000</b>
<b>Jointly-Owned Facilities</b>							
0342	B2 Force Main Replacement Project	\$ 5,830,000	\$ 4,112,500	\$ 1,717,500	\$ 1,717,500	\$ -	\$ 1,717,500
0355	Batiquos Pump Station Solar Panels	\$ -	\$ -	\$ -	\$ -	\$ 37,000	\$ 37,000
	<b>Jointly-Owned Facilities Total:</b>	<b>\$ 5,830,000</b>	<b>\$ 4,112,500</b>	<b>\$ 1,717,500</b>	<b>\$ 1,717,500</b>	<b>\$ 37,000</b>	<b>\$ 1,717,500</b>
<b>Encina Wastewater Authority:</b>							
0072	Capital Improvement Projects	\$ 3,161,708	\$ 2,529,068	\$ 632,640	\$ 632,640	\$ 2,293,818	\$ 2,926,458
	Planned Asset Replacement	\$ 139,667	\$ 150,000	\$ (10,333)	n/a	\$ 130,452	\$ 130,452
	Capital Acquisitions	\$ 110,919	\$ 100,000	\$ 10,919	n/a	\$ 82,572	\$ 82,572
	<b>EWA Capital Program Total</b>	<b>\$ 3,412,294</b>	<b>\$ 2,779,068</b>	<b>\$ 633,226</b>	<b>\$ 632,640</b>	<b>\$ 2,506,842</b>	<b>\$ 3,139,482</b>
<b>Recycled Water Program:</b>							
0328	North SD Water Reuse Coalition Project	\$ 272,000	\$ 171,000	\$ 101,000	\$ 101,000	\$ 25,000	\$ 125,000
0350	B1 Force Main Replacement Project	\$ 1,281,000	\$ 1,281,000	\$ -	\$ -	\$ -	\$ -
0351	Secondary Effluent Force Main Replacement	\$ -	\$ -	\$ -	\$ -	\$ 498,400	\$ 498,400
0352	Gafner AWT Condition Assessment	\$ -	\$ -	\$ -	\$ -	\$ 67,500	\$ 67,500
	<b>Recycled Water Program Total:</b>	<b>\$ 1,553,000</b>	<b>\$ 1,452,000</b>	<b>\$ 101,000</b>	<b>\$ 101,000</b>	<b>\$ 590,900</b>	<b>\$ 691,900</b>
0302	Professional Services	\$ -	\$ -	\$ -	n/a	\$ 30,000	\$ 30,000
0499	LWD Labor	\$ 284,910	\$ 273,000	\$ 11,910	n/a	\$ 314,729	\$ 314,729
	<b>CAPITAL PROGRAM TOTAL</b>	<b>\$ 14,072,004</b>	<b>\$ 10,461,968</b>	<b>\$ 3,610,036</b>	<b>\$ 3,515,540</b>	<b>\$ 6,792,871</b>	<b>\$ 10,308,411</b>

## LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2016 CAPITAL IMPROVEMENT PROGRAM

### Program Overview

The Capital Improvement Program (CIP) represents a plan for all changes 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 2016 (FY16) CIP continues the capital budgeting approach established in FY04. The funds appropriated in prior fiscal years for certain CIP projects will be carried over into FY16. 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 and LWD Labor. The FY16 Budget includes carryover appropriations for the Scott's Valley Pipeline Repair, Leucadia Pump Station Variable Frequency Drive (VFD) Replacement, Leucadia (L1) Force Main West Section Replacement, 2015 Gravity Line Rehabilitation, Saxony Pump Station Rehabilitation and North San Diego Water Reuse Coalition (NSDWRC) Project. Appropriations are added in FY16 for construction of the Leucadia (L1) Force Main West Section Replacement and Saxony Pump Station Rehabilitation projects. Additionally, appropriations are added for 2016 Gravity Line Rehabilitation, Village Park No. 5 Pump Station Replacement and Batiquitos Pump Station Solar Panels projects.



The CIP is separated into the following categories: LWD Multi-year CIP Projects, LWD Ongoing Rehabilitation, Jointly-Owned Facilities, Encina Wastewater Authority (EWA) Capital Program, Recycled Water Program, Professional Services, and LWD Labor. The LWD Multi-year CIP and 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 EWA Capital Program items reflect LWD's commitment, as a joint owner of the EWA 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 FY 16.



**LEUCADIA WASTEWATER DISTRICT  
FISCAL YEAR 2016  
CAPITAL IMPROVEMENT PROGRAM DETAIL SUMMARY**

***Leucadia Multi-year CIP***

**Scott's Valley Pipeline Repair (Location Code No. 341)**

Continuous flow monitoring of the collection system through the installed ADS Flow Monitoring System indicated higher than expected early morning flow in the Scott's Valley area of the District. This prompted the Field Service Staff to conduct CCTV Inspection of the Scott's Valley Line. As a result of the inspection, significant inflow and infiltration (I & I) were found in two locations. The Scott's Valley line is a 1,000 feet VCP line. To reduce the I & I, the District intends to CIPP line this pipeline. The 2013 AMP estimated the project cost, including soft costs, at \$500,000. Funds were appropriated in FY14 for soft costs, such as design, and \$100,000 seed money for construction. The appropriation for FY15 covered the remaining estimated construction costs. No additional appropriation is needed.

**FY 16 Total Appropriations**

**None**

**Leucadia Pump Station Variable Frequency Drive (VFD) Replacement (Location Code No. 344)**

The 2013 Asset Management Plan 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 two of the four variable frequency drives (VFD) that control the pumps at the Leucadia Pump Station be replaced in FY15. The current VFDs were installed in July 2006 during the last major rehabilitation of the pump station. The appropriation for FY15 is for design, equipment purchase and installation. No additional appropriation is needed.

**FY 16 Total Appropriations**

**None**

**Leucadia Force Main (L1) West Section Replacement (Location Code No. 345)**

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. The FY16 appropriation is for the estimated construction costs.

**FY 16 Total Appropriations**

**\$1,367,000**



**FY 2015 Gravity Pipeline Rehabilitation (Location Code No. 346)**

As a result of Closed Circuit Television (CCTV) Inspections by Field Service staff of the District's collection system, significant defects are being discovered in numerous pipeline segments that require rehabilitation or repair to prevent Sanitary Sewer Overflows (SSO). For example, the Asbestos Cement Pipe (ACP) segments that serve the area adjacent to and west of Interstate 5 and south of La Costa Avenue require rehabilitation due to internal deterioration. Vitrified Clay Pipe (VCP) segments located in Capri Road, 14<sup>th</sup> Street, Encinitas Boulevard, Caudor Street, Camino Lindo and Cebu Street require rehabilitation due to cracking, offset joints and root intrusion. The budgeted amount is for project design and construction in FY15. No additional appropriation is needed.

**FY 16 Total Appropriations**

**None**

**Saxony Pump Station Rehabilitation (Location Code No. 347)**

The 2013 Asset Management Plan 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 Saxony Pump Station undergo rehabilitation in FY15. The project will include replacing the submersible pumps, replacing check and isolation valves, installing a new automatic transfer switch, installing a new uninterruptible power supply, installing a stairway and platform in the wet well and replacing the wet well lining. The appropriation for FY15 is for project design and construction. The Preliminary Design Report completed in March 2016 estimated project construction cost at \$417,000. The FY16 additional appropriation is to complete project design and to add a 20% contingency for construction.

**FY 16 Total Appropriations**

**\$126,900**

**FY2016 Gravity Pipeline Rehabilitation Project (Location Code No. 353)**

As a result of Closed Circuit Television (CCTV) Inspections by Field Service staff of the District's collection system, 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. Two VCP segments located on Quebrada Street require replacement due to major sagging. 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. The budgeted amount is for project design and construction in FY16.

**FY 16 Total Appropriations**

**\$666,000**

**Village Park No. 5 Pump Station Replacement (Location Code No. 354)**

The 2013 Asset Management Plan 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 staff. The appropriation for FY16 is for project design and construction.

**FY 16 Total Appropriations**

**\$893,500**

## ***Leucadia Ongoing Rehabilitation***

### **Miscellaneous Pipeline Rehabilitation (Location Code No. 077)**

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 closed circuit television (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.

**FY 16 Total Appropriations**

**\$160,000**

### **Lateral Replacement / Backflow Preventer Program (Location Code No. 323)**

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 to significantly decrease 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-imbursment 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.

**FY 16 Total Appropriations**

**\$100,000**

## ***Jointly-Owned Facilities***

### **B2 Force Main Replacement (Location Code No. 342)**

The B2 Force Main is a 24 inch Ductile Iron Pipe (DIP) that was installed in 1980. The estimated useful life of DIP is 25 years. In 2011, a sample section of the B2 Force Main was removed for internal and external corrosion evaluation. Based on that evaluation it was estimated that B2 had an estimated remaining useful life of 12 years, until 2023. However, the B2 Force Main break in February 2013 during the Lanikai Project bypass operation has made the replacement of the force main the top priority CIP project. The replacement of the B2 line will ensure that the District has one sound primary force main, with B3 as a secondary force main, between the Batiquitos Pump Station and the Encina treatment facilities. Project construction started in November 2014. The project is estimated for completion in the summer of 2015. No additional appropriation is needed.

**FY 16 Total Appropriations**

**None**



### **Batiquitos Pump Station Solar Panels (Location Code No. 355)**

The Batiquitos Pump Station Electric Rate Optimization and Demand Shifting Analysis was completed by Hoch Consulting in December 2014. As a result of the analysis, the electric rate was shifted from the Alternative Time of Use (AL-TOU) rate structure to the Power-Agricultural Optional Time of Use (PA-T-1) rate structure. To continue to qualify for this rate structure, the District must install solar (photovoltaic) panels to reduce on-peak energy consumption by 1,500 kWhrs. Switching to the PA-T-1 rate is estimated to save the District \$16,160 annually. The estimated cost for installing the solar panels is \$37,000. Therefore, the District will recover the cost of installing the solar panels within three years. The requested appropriation is for procuring and installing the solar panels.

**FY 16 Total Appropriations** **\$37,000**

### ***Encina Wastewater Authority***

#### **EWA Capital Program (Location Code No. 072)**

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 FY 16 EWA budget includes funding for the FY 16 Major Rehabilitation Projects, Planned Asset Replacement, Capital Acquisition, EWA Labor, and Professional Services. LWD's portion of this work totals \$2,506,842 with \$2,293,818 for Capital Projects, \$130,452 for Planned Asset Replacement and \$82,572 for Capital Acquisitions.

**FY 16 Total Appropriations** **\$2,506,842**

### ***Recycled Water Program***

#### **North SD Water Reuse Coalition Project (Location Code No. 328)**

The District is one of ten agencies that participate in the North San Diego Water Reuse Coalition Project. 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 study is being used to apply for US Bureau of Reclamation Title XVI grant funds, San Diego Integrated Regional Water Management (IRWM) Proposition 84 Grant funding and Water Resources Development Act (WRDA) funding for the construction of various recycled water facilities identified in the study within each of the north county agencies. The lobbying contact has been executed with The Furman Group to lobby for the Title XVI and WRDA funds. The amount budgeted is for continued District participation in the lobbying effort for grant funds. The effort to obtain grant funding includes the development of a Programmatic Environmental Impact Report and Project Fact Sheet and completing a Federal Feasibility Study.

**FY 16 Total Appropriations** **\$25,000**



**B1 Force Main Replacement Project (Location Code No. 350)**

The Batiquitos (B1) Force Main is the conduit that transports secondary effluent from the Encina Water Pollution Control Facility south, parallel to Highway 101, to La Costa Avenue. Ultimately, the secondary effluent is delivered to the Gafner Advanced Water Treatment facility for conversion to recycled water. The replacement of the Batiquitos (B2) Force Main presented a unique opportunity to replace a parallel section of B1. This concept reduced construction costs for replacing B1 as a separate project by placing B1 in a common trench with B2. Project construction started in November 2014. The project is estimated for completion in the summer of 2015. No additional appropriation is needed.

**FY 16 Total Appropriations**

**None**

**Secondary Effluent Force Main Replacement (Location Code No. 351)**

The Secondary Effluent Force Main (SEFM) is the conduit that transports secondary effluent from the Encina Water Pollution Control Facility east from Highway 101 along La Costa Avenue to the Gafner Advanced Water Treatment facility for conversion to recycled water. The replacement of the west section of the Leucadia (L1) Force Main scheduled in FY16 presents a unique opportunity to replace a parallel section of the SEFM. This concept mirrors the idea that was used to replace a section of Batiquitos (B1) Force Main or SEFM during the B2 Force Main Replacement Project. The feasibility of replacing a section of SEFM simultaneously with the west section of L1 will be evaluated during the design of the L1 Replacement Project. The estimated cost is appropriated to have funds available if the simultaneous replacement of the SEFM is determined to be feasible.

**FY 16 Total Appropriations**

**\$498,400**

**Gafner Advanced Water Treatment (AWT) Condition Assessment (Location Code No. 352)**

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. The results of this assessment will justify and provide the foundation for future Gafner AWT Plant rehabilitation work. The appropriation is to cover the estimated cost for this assessment.

**FY 16 Total Appropriations**

**\$67,500**

***Professional Services (Location Code No. 302)***

**\$30,000**

***LWD Labor (Location Code No. 499)***

**\$314,729**

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<b>TOTAL PRIOR YEAR CARRYOVER</b>	<b>\$ 3,515,540</b>
<b>TOTAL NEW FY 2016 CIP APPROPRIATIONS</b>	<b>\$ 6,792,871</b>
<b>TOTAL CIP APPROPRIATIONS</b>	<b>\$ 10,308,423</b>

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**LEUCADIA WASTEWATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM BUDGET  
FISCAL YEAR 2016**

Description		FY 15	FY 16	Cost Allocation	
		Budget	Budget	Growth	Replacement
<b>Leucadia Multi-year Projects</b>					
<b>Leucadia Pump Station Generator Replacement (0331)</b>					
Direct Labor	50-51-0331-4110	\$ -	\$ -	\$ -	\$ -
Design	50-51-0331-5211	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0331-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0331-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0331-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0331-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0331-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-41-0331-5220	\$ 1,000	\$ -	\$ -	\$ -
Construction	50-51-0331-6499	\$ -	\$ -	\$ -	\$ -
<b>Total LPS Generator Replacement</b>		<b>\$ 1,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Scott's Valley Pipeline Repair (0341)</b>					
Direct Labor	50-51-0341-4110	\$ -	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0341-5211	\$ -	\$ -	\$ -	\$ -
Consultant Engineering Services-Study	50-51-0341-5211	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0341-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0341-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0341-5213	\$ 5,000	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0341-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0341-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-41-0341-5220	\$ 1,000	\$ -	\$ -	\$ -
Construction	50-51-0341-6499	\$ 270,000	\$ -	\$ -	\$ -
<b>Total Scott's Valley Pipeline Repair</b>		<b>\$ 276,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Leucadia Pump Station VFD Replacement (0344)</b>					
Direct Labor	50-51-0344-4110	\$ 5,000	\$ -	\$ -	\$ -
Design	50-51-0344-5211	\$ 28,500	\$ -	\$ -	\$ -
Office Engineering	50-51-0344-5211	\$ 9,500	\$ -	\$ -	\$ -
Construction Management	50-51-0344-5212	\$ 28,500	\$ -	\$ -	\$ -
District Engineering Services	50-51-0344-5213	\$ 5,000	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0344-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0344-5216	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0344-6499	\$ 190,000	\$ -	\$ -	\$ -
<b>Total LPS VFD Replacement</b>		<b>\$ 266,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Leucadia (L1) Force Main West Section Replacement (0345)</b>					
Direct Labor	50-51-0345-4110	\$ 5,000	\$ 10,000	\$ -	\$ 10,000
Consultant Engineering Services-Design	50-51-0345-5211	\$ 33,000	\$ 51,000	\$ -	\$ 51,000
Office Engineering	50-51-0345-5211	\$ 9,900	\$ 27,000	\$ -	\$ 27,000
Construction Management	50-51-0345-5212	\$ 16,500	\$ 54,000	\$ -	\$ 54,000
District Engineering Services	50-51-0345-5213	\$ 5,000	\$ 10,000	\$ -	\$ 10,000
Permitting/Environmental	50-51-0345-5214	\$ -	\$ 27,000	\$ -	\$ 27,000
Public Outreach	50-51-0345-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-41-0345-5220	\$ 1,000	\$ -	\$ -	\$ -
Construction	50-51-0345-6499	\$ -	\$ 1,188,000	\$ -	\$ 1,188,000
<b>Total Leucadia Force Main W. Section Replacement</b>		<b>\$ 70,400</b>	<b>\$ 1,367,000</b>	<b>\$ -</b>	<b>\$ 1,367,000</b>
<b>FY 2015 Gravity Pipeline Rehabilitation (0346)</b>					
Direct Labor	50-51-0346-4110	\$ 10,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0346-5211	\$ 60,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Study	50-51-0346-5211	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0346-5211	\$ 15,000	\$ -	\$ -	\$ -
Construction Management	50-51-0346-5212	\$ 50,000	\$ -	\$ -	\$ -
District Engineering Services	50-51-0346-5213	\$ 5,000	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0346-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0346-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-41-0346-5220	\$ 1,000	\$ -	\$ -	\$ -
Construction	50-51-0346-6499	\$ 500,000	\$ -	\$ -	\$ -
<b>Total Gravity Pipeline Rehabilitation</b>		<b>\$ 641,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>



**LEUCADIA WASTEWATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM BUDGET  
FISCAL YEAR 2016**

Description		FY 15		FY 16		Cost Allocation	
		Budget	Budget	Budget	Budget	Growth	Replacement
<b>Saxony Pump Station Rehabilitation (0347)</b>						0%	100%
Direct Labor	50-51-0347-4110	\$ 5,000	\$ 1,000	\$ -	\$ 1,000	\$ -	\$ 1,000
Consultant Engineering Services-Design	50-51-0347-5211	\$ 63,000	\$ 42,500	\$ -	\$ 42,500	\$ -	\$ 42,500
Office Engineering	50-51-0347-5211	\$ 31,500	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0347-5212	\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0347-5213	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0347-5214	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0347-5216	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Legal	50-41-0347-5220	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0347-6499	\$ 419,400	\$ 83,400	\$ -	\$ 83,400	\$ -	\$ 83,400
<b>Total Saxony Pump Station Rehabilitation</b>		<b>\$ 566,900</b>	<b>\$ 126,900</b>	<b>\$ -</b>	<b>\$ 126,900</b>	<b>\$ -</b>	<b>\$ 126,900</b>
<b>L2 Cathodic Protection - Anode Replacement (0348)</b>						100%	0%
Direct Labor	50-51-0348-4110	\$ 2,000	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0348-5211	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0348-5211	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0348-5212	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0348-5213	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0348-5214	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0348-5216	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0348-6499	\$ 7,000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total L2 Cathodic Protection-Anode Replacement</b>		<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Disaster Preparedness Planning (0349)</b>						0%	100%
Direct Labor	50-51-0349-4110	\$ 1,000	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Engineering Services	50-51-0349-5211	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0349-5211	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0349-5212	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0349-5213	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0349-5214	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0349-5216	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0349-6499	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Disaster Preparedness Planning</b>		<b>\$ 26,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>FY 2016 Gravity Pipeline Rehabilitation (0353)</b>						0%	100%
Direct Labor	50-51-0353-4110	\$ -	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000
Consultant Engineering Services-Design	50-51-0353-5211	\$ -	\$ 75,000	\$ -	\$ 75,000	\$ -	\$ 75,000
Consultant Engineering Services-Study	50-51-0353-5211	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0353-5211	\$ -	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ 25,000
Construction Management	50-51-0353-5212	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ 50,000
District Engineering Services	50-51-0353-5213	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ 5,000
Permitting/Environmental	50-51-0353-5214	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0353-5216	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Legal	50-41-0353-5220	\$ -	\$ 1,000	\$ -	\$ 1,000	\$ -	\$ 1,000
Construction	50-51-0353-6499	\$ -	\$ 500,000	\$ -	\$ 500,000	\$ -	\$ 500,000
<b>Total 2016 Gravity Pipeline Rehabilitation</b>		<b>\$ -</b>	<b>\$ 666,000</b>	<b>\$ -</b>	<b>\$ 666,000</b>	<b>\$ -</b>	<b>\$ 666,000</b>
<b>Village Park No. 5 Pump Station Replacement (0354)</b>						0%	100%
Direct Labor	50-51-0354-4110	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ 5,000
Consultant Engineering Services-Design	50-51-0354-5211	\$ -	\$ 85,500	\$ -	\$ 85,500	\$ -	\$ 85,500
Office Engineering	50-51-0354-5211	\$ -	\$ 57,000	\$ -	\$ 57,000	\$ -	\$ 57,000
Construction Management	50-51-0354-5212	\$ -	\$ 57,000	\$ -	\$ 57,000	\$ -	\$ 57,000
District Engineering Services	50-51-0354-5213	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ 5,000
Permitting/Environmental	50-51-0354-5214	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0354-5216	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Legal	50-41-0354-5220	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0354-6499	\$ -	\$ 684,000	\$ -	\$ 684,000	\$ -	\$ 684,000
<b>Total Village Park No. 5 Pump Station Replacement</b>		<b>\$ -</b>	<b>\$ 893,500</b>	<b>\$ -</b>	<b>\$ 893,500</b>	<b>\$ -</b>	<b>\$ 893,500</b>
<b>Leucadia Ongoing Rehabilitation</b>							
<b>Misc. Pipeline/Manhole Repair (0077)</b>						0%	100%
Direct Labor	50-51-0077-4110	\$ -	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000
Design	50-51-0077-5211	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0077-5212	\$ 25,000	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ 25,000
Environmental	50-51-0077-5214	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0077-5216	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction (pipeline)	50-51-0077-6499	\$ 100,000	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ 100,000
Construction (manhole)	50-51-0077-6499	\$ 25,000	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ 25,000
<b>Total Misc. Pipeline/Manhole Repair</b>		<b>\$ 150,000</b>	<b>\$ 160,000</b>	<b>\$ -</b>	<b>\$ 160,000</b>	<b>\$ -</b>	<b>\$ 160,000</b>



**LEUCADIA WASTEWATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM BUDGET  
FISCAL YEAR 2016**

Description		FY 15 Budget	FY 16 Budget	Cost Allocation	
				Growth	Replacement
<b>Lateral Replacement / Backflow Preventer Program (0323)</b>				0%	100%
Direct Labor	50-51-0323-4110	\$ -	\$ -	\$ -	\$ -
Program costs	50-51-0323-6499	\$ 100,000	\$ 100,000	\$ -	\$ 100,000
<b>Total Lateral / Backflow Program</b>		<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ -</b>	<b>\$ 100,000</b>
<b>Jointly-Owned Facilities</b>					
<b>B2 Force Main Replacement (0342)</b>				0%	100%
Direct Labor	50-51-0342-4110	\$ 10,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0342-5211	\$ 25,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Study	50-51-0342-5211	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0342-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0342-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0342-5213	\$ 15,000	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0342-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0342-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-41-0342-5220	\$ 4,000	\$ -	\$ -	\$ -
Construction	50-51-0342-6499	\$ 3,000,000	\$ -	\$ -	\$ -
<b>Total B2 Force Main Replacement</b>		<b>\$ 3,054,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Batiquitos Pump Station Solar Panels (0355)</b>				0%	100%
Direct Labor	50-51-0355-4110	\$ -	\$ 1,000	\$ -	\$ 1,000
Consultant Engineering Services-Design	50-51-0355-5211	\$ -	\$ -	\$ -	\$ -
Consultant Engineering Services-Study	50-51-0355-5211	\$ -	\$ 4,200	\$ -	\$ 4,200
Office Engineering	50-51-0355-5211	\$ -	\$ 2,100	\$ -	\$ 2,100
Construction Management	50-51-0355-5212	\$ -	\$ 4,200	\$ -	\$ 4,200
District Engineering Services	50-51-0355-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0355-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0355-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-41-0355-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0355-6499	\$ -	\$ 25,500	\$ -	\$ 25,500
<b>Total Batiquitos Pump Station Solar Panels</b>		<b>\$ -</b>	<b>\$ 37,000</b>	<b>\$ -</b>	<b>\$ 37,000</b>
<b>Encina Wastewater Authority</b>					
<b>EWA Capital Program (0072)</b>				various %	various %
EWA Capital Projects:					
Direct Labor	50-51-0072-4110	\$ 5,000	\$ 5,000	\$ -	\$ 5,000
Capital Improvement Projects	50-51-0072-6420	\$ 1,007,199	\$ 1,635,618	\$ -	\$ 1,635,618
Biofuel Receiving , Gas Conditioning & Drying Safety	50-51-0072-6420	\$ 176,904	\$ 308,952	\$ 308,952	\$ -
EWA Labor	50-51-0072-6420	\$ 321,171	\$ 344,248	\$ -	\$ 344,248
		\$ 1,510,274	\$ 2,293,818	\$ 308,952	\$ 1,984,866
EWA Planned Asset Replacement	50-51-0072-6420	\$ 139,667	\$ 130,452	\$ -	\$ 130,452
Capital Acquisitions	50-51-0072-6420	\$ 110,919	\$ 82,572	\$ -	\$ 82,572
<b>Total EWA Capital Program</b>		<b>\$ 1,760,860</b>	<b>\$ 2,506,842</b>	<b>\$ 308,952</b>	<b>\$ 2,197,890</b>
<b>Recycled Water Program</b>					
<b>North SD Water Reuse Coalition Project (NSDWRC) (0328)</b>				0%	100%
Direct Labor	50-51-0328-4110	\$ 1,000	\$ 5,000	\$ -	\$ 5,000
Title XVI Funding Effort	50-51-0328-5211	\$ 20,000	\$ 20,000	\$ -	\$ 20,000
Design	50-51-0328-5211	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0328-5213	\$ 5,000	\$ -	\$ -	\$ -
<b>Total NSDCRRWP</b>		<b>\$ 26,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ 25,000</b>
<b>B1 Force Main Replacement Project (0350)</b>					
Direct Labor	50-51-0350-4110	\$ -	\$ -	\$ -	\$ -
Design	50-51-0350-5211	\$ 30,500	\$ -	\$ -	\$ -
Office Engineering	50-51-0350-5211	\$ 30,500	\$ -	\$ -	\$ -
Construction	50-51-0350-6499	\$ 1,220,000	\$ -	\$ -	\$ -
<b>Total B1 Force Main Replacement Project</b>		<b>\$ 1,281,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**LEUCADIA WASTEWATER DISTRICT  
CAPITAL IMPROVEMENT PROGRAM BUDGET  
FISCAL YEAR 2016**

Description		FY 15 Budget	FY 16 Budget	Cost Allocation	
				Growth	Replacement
<b>Secondary Effluent Force Main Replacement Project (0351)</b>					
Direct Labor	50-51-0351-4110	\$ -	\$ 5,000	\$ -	\$ 5,000
Design	50-51-0351-5211	\$ -	\$ 41,000	\$ -	\$ 41,000
Office Engineering	50-51-0351-5211	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0351-5213	\$ -	\$ 5,000	\$ -	\$ 5,000
Construction	50-51-0351-6499	\$ -	\$ 447,400	\$ -	\$ 447,400
<b>Total Secondary Effluent Force Main Replacement Project</b>		\$ -	\$ 498,400	\$ -	\$ 498,400
<b>Gafner AWT Condition Assessment (0352)</b>					
Direct Labor	50-51-0352-4110	\$ -	\$ 1,000	\$ -	\$ 1,000
Consultant Engineering Services-Design	50-51-0352-5211	\$ -	\$ 61,500	\$ -	\$ 61,500
District Engineering Services	50-51-0352-5213	\$ -	\$ 5,000	\$ -	\$ 5,000
<b>Total Gafner AWT Condition Assessment</b>		\$ -	\$ 67,500	\$ -	\$ 67,500
<b>Professional Services (0302)</b>					
District Engineering Services	51-51-0302-5213	\$ -	\$ 30,000		\$ 30,000
<b>Total LWD Labor</b>		\$ -	\$ 30,000	\$ -	\$ 30,000
<b>LWD Labor (0499)</b>					
Direct Labor	50-51-0499-4110	\$ 170,746	\$ 186,064	\$ -	\$ 186,064
Administration Labor	50-51-0499-6995	\$ 114,164	\$ 128,665	\$ -	\$ 128,665
<b>Total LWD Labor</b>		\$ 284,910	\$ 314,729	\$ -	\$ 314,729
<b>TOTAL CIP PROGRAM</b>		\$ 8,524,570	\$ 6,792,871	\$ 308,952	\$ 6,483,919