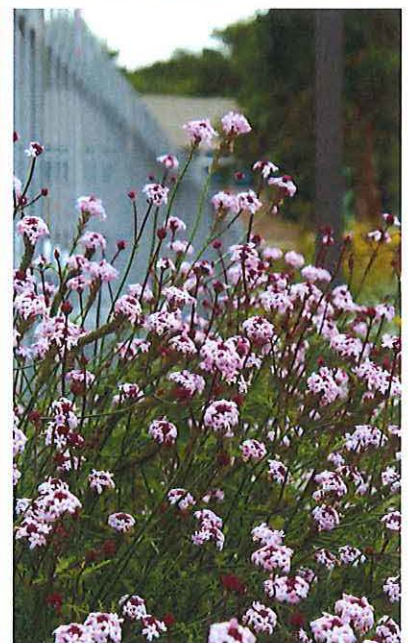


## LEUCADIA WASTEWATER DISTRICT



LEADERS IN  
ENVIRONMENTAL  
PROTECTION



# LEUCADIA WASTEWATER DISTRICT

## FISCAL YEAR 2020 PROPOSED BUDGET

### BOARD OF DIRECTORS

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

### DISTRICT MANAGEMENT

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

District Administration Office:

1960 La Costa Avenue  
Carlsbad, California 92009  
Telephone: 760.753.0155  
Fax: 760.753.3094  
[www.lwwd.org](http://www.lwwd.org)

# LEUCADIA WASTEWATER DISTRICT

## FISCAL YEAR 2020 PROPOSED BUDGET

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LEADERS IN  
ENVIRONMENTAL  
PROTECTION

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

June 6, 2019

Leucadia Wastewater District  
Board of Directors

Honorable President and Members of the Board of Directors:

I am pleased to submit the Fiscal Year 2020 (FY20) 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 FY20 Budget has been designed to reflect LWD's core business functions. Expenses have been broken into two major operations: Wastewater Operations and Recycled Water Operations. In addition, administrative overhead expenses are categorized separately and allocated across the two operations. This approach is consistent with prior LWD budgets. Also, the FY20 Budget includes a Development Services expense budget that is fully funded by developer deposits. The key elements of the FY20 Budget are summarized as follows:

## REVENUES AND OTHER FUNDS

Funds available for FY20 total approximately \$17.7 million, of which \$13.3 million is from revenue sources. Table 1 summarizes the major revenue sources.

**Table 1**  
**Revenue Summary**

<b>Revenue Source</b>	<b>Amount</b>	<b>% of Total</b>
Wastewater Services Charges	\$ 9,868,771	74%
Recycled Water Sales	350,000	3%
Property Taxes	1,790,000	13%
Capacity Fees	305,340	2%
Interest Income	735,000	6%
Developer Fees	100,543	1%
Other	173,800	1%
<b>Total Revenue</b>	<b>\$ 13,323,454</b>	<b>100%</b>
Net Transfers from Reserves	4,405,356	
<b>Total Funds Available</b>	<b>\$ 17,728,810</b>	

Wastewater Operations

Wastewater service charges, of \$9.9 million, is LWD's major funding source, representing 74% of total revenue. Wastewater service charges are expected to increase by \$55,000 due to a small increase in the customer base with no increase in the sewer service rate. Property taxes of \$1.8 million, is LWD's second largest revenue source and represents approximately 13% of total revenue. Property taxes are expected to increase about \$90,000 due to increases in property valuations. Investment Income of \$735,000 represents approximately 6% of total income. This is an increase of \$246,000 over prior year's budget which is due to rising interest rates. Developer fee and capacity fee revenues are directly related to the level of development activity in the District and will account for approximately 3% or \$405,883 of total revenue.

Recycled Operations

Budgeted recycled water sales revenue of \$350,000, represent about 3% of total revenue. This is an increase of 19% over the FY19 revenue amount and is due to a new short-term recycled water rate agreement. The FY20 budget has been developed assuming the recycled water facility will be fully operational for the full year.

**EXPENDITURES AND OTHER USES OF FUNDS**

Expenditures for FY20 total \$17.7 million. Table 2 summarizes these expenses.

**Table 2  
 Expenditure Summary**

<b>Program Expenditures</b>	<b>Amount</b>	<b>% of Total</b>
Wastewater Operations		
Leucadia Facilities	\$ 7,148,062	40%
Batiquitos Joint Facilities	442,562	2%
Recycled Water Operations	245,852	1%
<b>Total Operating Expenditures</b>	<b>\$ 7,836,476</b>	<b>44%</b>
Development Services	100,543	1%
<b>Total Development Services</b>	<b>\$ 100,543</b>	<b>1%</b>
Capital Acquisitions	1,153,600	7%
Capital Improvement Projects	8,638,191	49%
<b>Total Capital Expenditures</b>	<b>\$ 9,791,791</b>	<b>55%</b>
<b>Total Expenditures</b>	<b>\$ 17,728,810</b>	<b>100%</b>

### Operating Program Expenses

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

For the FY20 Operating Budget, the proposed budgeted expenses for Wastewater Operations are \$7.6 million. This includes LWD's share of the Encina treatment plant expenses of approximately \$2.6 million. This is an increase of approximately \$1.0 million, or 15%, over the prior year's budget. This is largely due to board approved accelerated paydowns of the CalPERS unfunded pension liabilities, which increase personnel costs for both the District and the Encina Wastewater Authority. The District's additional discretionary pension payment of \$239,000 increases budgeted personnel expenses, and Encina's additional discretionary pension payment (District's share is \$547,626) increases the Encina treatment plant operating expenses, for FY20. The District has elected to make accelerated pension liability payments over a ten-year period and the Encina Wastewater Authority has elected to make its payments over a three-year period, to pay off their respective CalPERS unfunded pension liabilities. These additional discretionary pension payments will reduce future pension expenses. Without the two additional discretionary pension payments mentioned above, the FY20 budgeted expenses for Wastewater Operations would increase by approximately \$230,000 or 3%.

The FY20 projected operating expenses for the Recycled Water Operations are approximately \$246,000, which is an increase of 4% from the prior year. The increase is due to increased personnel costs (mostly attributable to its share of the additional discretionary pension payment) and to increased permitting and monitoring costs. The Recycled Water operating expenses remain fully funded through recycled water sales revenue.

LWD's overall Administrative Services Budget will increase approximately \$81,000 or 4% from the FY19 budget. This includes, approximately, a \$124,000 increase in personnel expenses partially offset by the decrease in professional services expenses of \$21,000 and election costs of \$30,000. The majority of the increase in personnel expenses is due to increased benefit costs attributable to its share of the additional discretionary pension payment. The Administrative Services Budget is distributed to Leucadia Facilities, Batiquitos Joint Facilities, Recycled Water Operations and Capital Improvement Projects as administrative overhead.

### Capital Program

Capital Acquisitions is a component of the LWD Capital Program Budget and represents the funding plan for the procurement of capital equipment with a purchase price greater than \$5,000 and useful life greater than one year. The FY20 Capital Acquisition Program totals \$1,153,600 and includes the purchase of a replacement vactor combination truck and two pickup trucks, a HVAC Chiller Replacement, a new emergency by-pass pump, two new emergency portable generators, and other critical sewer maintenance equipment. The by-pass pump and the portable

generators are being replaced to meet new Air Pollution Control District (APCD) requirements which will become effective in 2020.

The Capital Improvement Program (CIP) includes major capital projects that generally involve planning, permitting, engineering design, and construction. The total FY20 CIP Budget is \$8.6 million and includes funding for the wastewater and recycled water enterprises. The Wastewater Facilities CIP totals approximately \$8.6 million. The key components include: the Leucadia Pump Station Rehabilitation (\$2.1M), the Orchard Wood Road Sewer Rehabilitation project (\$386K), the 2020 Gravity Pipeline Rehabilitation project (\$1.2M), LWD's portion of the Encina Joint Treatment Facility capital budget (\$3.6M), and various pipeline repair projects. The Recycled Water Facilities CIP includes \$29,500 for the North SD Water Reuse Coalition project.

### **LONG TERM DEBT OBLIGATIONS**

There are currently no FY20 long term debt financing obligations for LWD.

### **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 FY20 is approximately \$2.4 million.

When non-operating revenues, such as capacity fees and property taxes, are not sufficient to cover capital expenditures, funds are transferred from the Capital Reserves. Approximately \$6.8 million is budgeted to be transferred from the Capital Reserves to cover the additional Wastewater capital expenditures in FY20.

In addition, approximately \$59,000 is budgeted to be transferred to the Water Recycling Reserve.

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

The Leucadia Wastewater District staff is proud to present this budget and looks forward to implementing the programs described herein during FY20. Administrative Services Manager Richard Duffey led the effort and produced the document with the assistance of Technical Services Manager Robin Morishita, Field Services Superintendent Jeff Stecker, and Administrative Services Supervisor Trisha Hill. I would also like to acknowledge the support of Marvin Gonzalez, Tianne Baity, Ian Riffel, and Mark Brechbiel for their assistance in this effort. If you have any questions or need additional information in your review of the FY20 Annual Budget, please contact Richard Duffey at (760) 753-0155, ext. 3012.

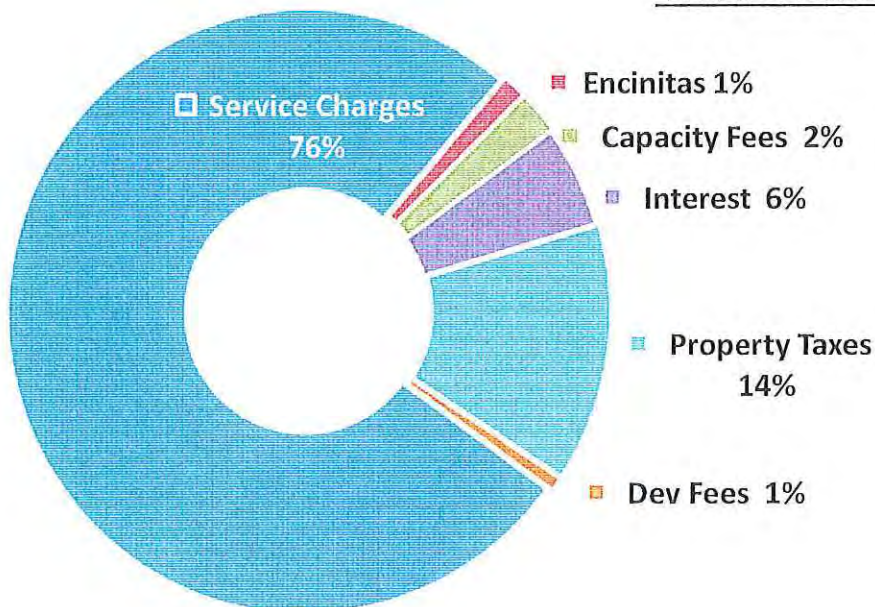
Respectfully submitted,

Paul J. Bushee  
General Manager

**Leucadia Wastewater District  
Fiscal Year 2020 Operating & Capital Budgets  
Wastewater Program Summary**

<b>SOURCES OF FUNDS</b>	<b>FY 2019 BUDGET</b>	<b>FY 2019 PROJECTED</b>	<b>FY 2020 BUDGET</b>	<b>% Change Bud to Bud</b>
<b>OPERATING REVENUES</b>				
Service Charges	\$ 9,813,782	\$ 9,803,000	\$ 9,868,771	1%
Encinitas O&M (Batiquitos Facilities)	\$ 85,400	\$ 73,500	\$ 88,500	4%
<b>TOTAL ESTIMATED OPERATING REVENUE</b>	<b>\$ 9,899,182</b>	<b>\$ 9,876,500</b>	<b>\$ 9,957,271</b>	<b>1%</b>
<b>NON-OPERATING REVENUES</b>				
Encinitas Capital (Batiquitos Facilities)	\$ 107,600	\$ 167,700	\$ 85,300	-21%
Capacity Fees	\$ 381,675	\$ 711,000	\$ 305,340	-20%
Interest Income	\$ 469,000	\$ 690,000	\$ 710,000	51%
Developer Fees	\$ 119,120	\$ 78,100	\$ 100,543	-16%
Property Taxes	\$ 1,700,000	\$ 1,728,000	\$ 1,790,000	5%
<b>TOTAL NON-OPERATING REVENUE</b>	<b>\$ 2,777,395</b>	<b>\$ 3,374,800</b>	<b>\$ 2,991,183</b>	<b>8%</b>
<b>OTHER SOURCES OF FUNDS</b>				
Transfer from Capital Replacement Reserve	\$ 4,748,887	\$ 2,356,980	\$ 6,831,051	44%
<b>TOTAL OTHER SOURCES OF FUNDS</b>	<b>\$ 4,748,887</b>	<b>\$ 2,356,980</b>	<b>\$ 6,831,051</b>	<b>44%</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>\$ 17,425,464</b>	<b>\$ 15,608,280</b>	<b>\$ 19,779,505</b>	<b>14%</b>

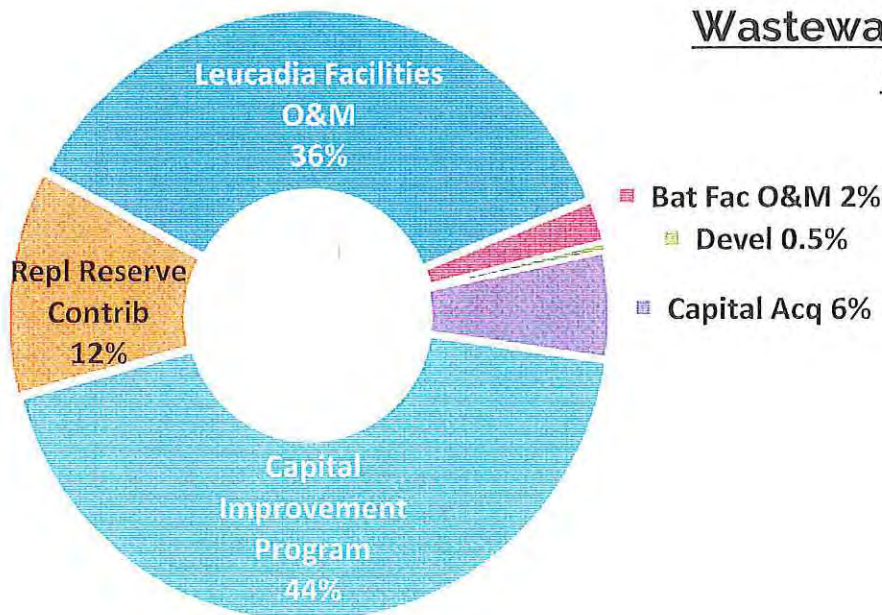
**Wastewater Program  
Revenues**





**Leucadia Wastewater District  
Fiscal Year 2020 Operating & Capital Budgets  
Wastewater Program Summary**

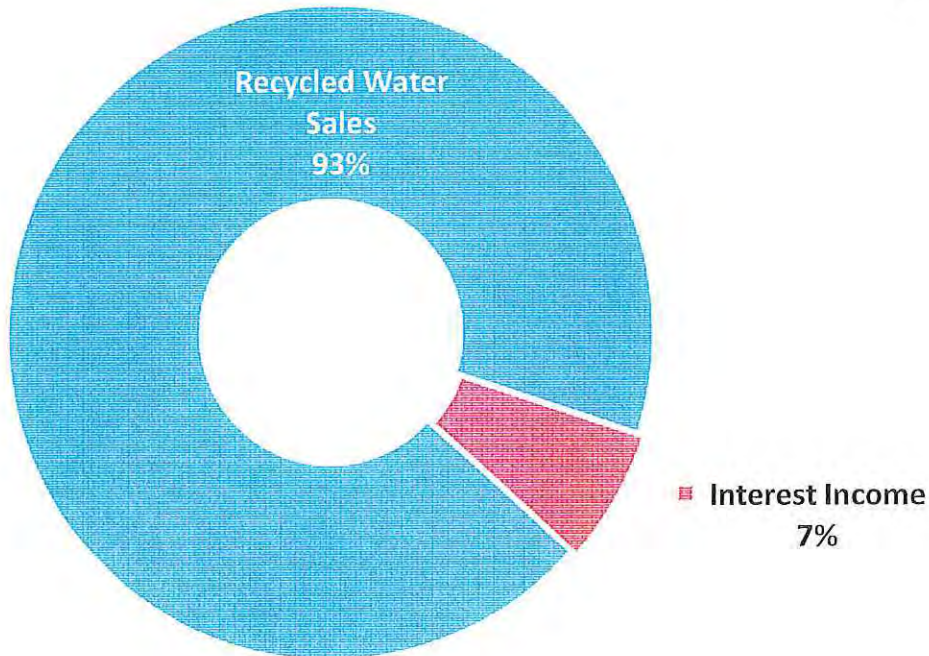
USES OF FUNDS	FY 2019 BUDGET	FY 2019 PROJECTED	FY 2020 BUDGET	% Change Bud to Bud
<b>OPERATING EXPENDITURES</b>				
Leucadia Facilities	\$ 6,168,072	\$ 6,047,902	\$ 7,148,062	16%
Batiquitos Joint Facilities	\$ 427,054	\$ 367,472	\$ 442,562	4%
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 6,595,126</b>	<b>\$ 6,415,374</b>	<b>\$ 7,590,624</b>	<b>15%</b>
<b>DEVELOPMENT EXPENDITURES</b>				
Development Expenses	\$ 119,120	\$ 78,100	\$ 100,543	-16%
<b>TOTAL DEVELOPMENT EXPENSES</b>	<b>\$ 119,120</b>	<b>\$ 78,100</b>	<b>\$ 100,543</b>	<b>-16%</b>
<b>CAPITAL EXPENDITURES</b>				
Capital Acquisitions	\$ 534,100	\$ 253,680	\$ 1,113,000	108%
Capital Improvement Projects	\$ 6,873,062	\$ 5,400,000	\$ 8,608,691	25%
<b>TOTAL CAPITAL EXPENSES</b>	<b>\$ 7,407,162</b>	<b>\$ 5,653,680</b>	<b>\$ 9,721,691</b>	<b>31%</b>
<b>RESERVE CONTRIBUTION</b>				
Transfer to Reserves for Capital Replacement	\$ 3,304,056	\$ 3,461,126	\$ 2,366,647	-28%
<b>TOTAL RESERVE CONTRIBUTION</b>	<b>\$ 3,304,056</b>	<b>\$ 3,461,126</b>	<b>\$ 2,366,647</b>	<b>-28%</b>
<b>TOTAL USES OF FUNDS</b>	<b>\$ 17,425,464</b>	<b>\$ 15,608,280</b>	<b>\$ 19,779,505</b>	<b>14%</b>



**Leucadia Wastewater District  
Fiscal Year 2020 Operating & Capital Budgets  
Recycled Water Program Summary**

<b>SOURCES OF FUNDS</b>	FY 2019 BUDGET	FY 2019 PROJECTED	FY 2020 BUDGET	% Change Bud to Bud
<b>OPERATING REVENUES</b>				
Recycled Water Sales	\$ 295,000	\$ 330,000	\$ 350,000	19%
<b>TOTAL ESTIMATED OPERATING REVENUE</b>	<b>\$ 295,000</b>	<b>\$ 330,000</b>	<b>\$ 350,000</b>	<b>19%</b>
<b>NON-OPERATING REVENUES</b>				
Interest Income	\$ 20,000	\$ 24,000	\$ 25,000	25%
<b>TOTAL ESTIMATED NON-OPERATING REVENUE</b>	<b>\$ 20,000</b>	<b>\$ 24,000</b>	<b>\$ 25,000</b>	<b>25%</b>
<b>OTHER SOURCES OF FUNDS</b>				
Transfer from Water Recycling Reserve	\$ 97,064	\$ -	\$ -	-100%
<b>TOTAL OTHER SOURCES OF FUNDS</b>	<b>\$ 97,064</b>	<b>\$ -</b>	<b>\$ -</b>	<b>-100%</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>\$ 412,064</b>	<b>\$ 354,000</b>	<b>\$ 375,000</b>	<b>-9%</b>

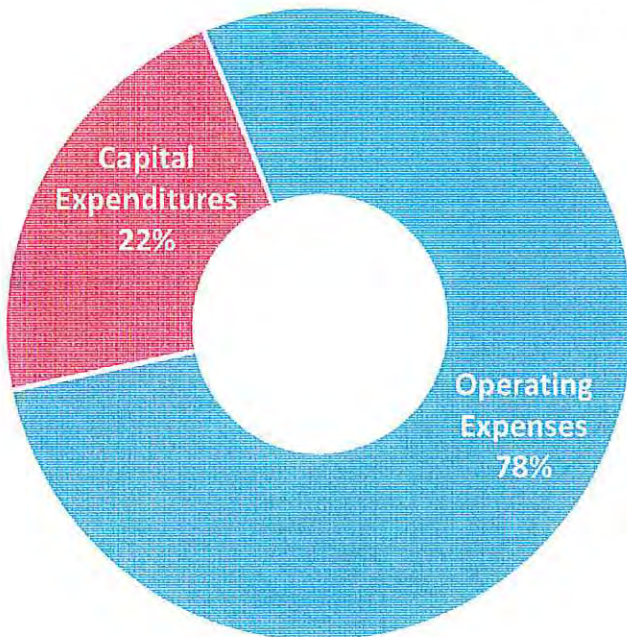
**Recycled Water Program  
Revenues**



**Leucadia Wastewater District  
Fiscal Year 2020 Operating & Capital Budgets  
Recycled Water Program Summary**

<b>USES OF FUNDS</b>	<b>FY 2019 BUDGET</b>	<b>FY 2019 PROJECTED</b>	<b>FY 2020 BUDGET</b>	<b>% Change Bud to Bud</b>
<b>OPERATING EXPENDITURES</b>				
Operating Program	\$ 237,064	\$ 199,107	\$ 245,852	4%
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 237,064</b>	<b>\$ 199,107</b>	<b>\$ 245,852</b>	<b>4%</b>
<b>CAPITAL EXPENDITURES</b>				
Capital Acquisition	\$ 5,500	\$ 4,957	\$ 40,600	638%
Capital Improvement Program	\$ 169,500	\$ 30,000	\$ 29,500	-83%
<b>TOTAL CAPITAL EXPENSES</b>	<b>\$ 175,000</b>	<b>\$ 34,957</b>	<b>\$ 70,100</b>	<b>-60%</b>
<b>RESERVE CONTRIBUTION</b>				
Transfer to Water Recycling Reserve	\$ -	\$ 119,936	\$ 59,048	0%
<b>TOTAL RESERVE CONTRIBUTION</b>	<b>\$ -</b>	<b>\$ 119,936</b>	<b>\$ 59,048</b>	<b>0%</b>
<b>TOTAL USES OF FUNDS</b>	<b>\$ 412,064</b>	<b>\$ 354,000</b>	<b>\$ 375,000</b>	<b>-9%</b>

**Recycled Water Program**  
Uses of Funds

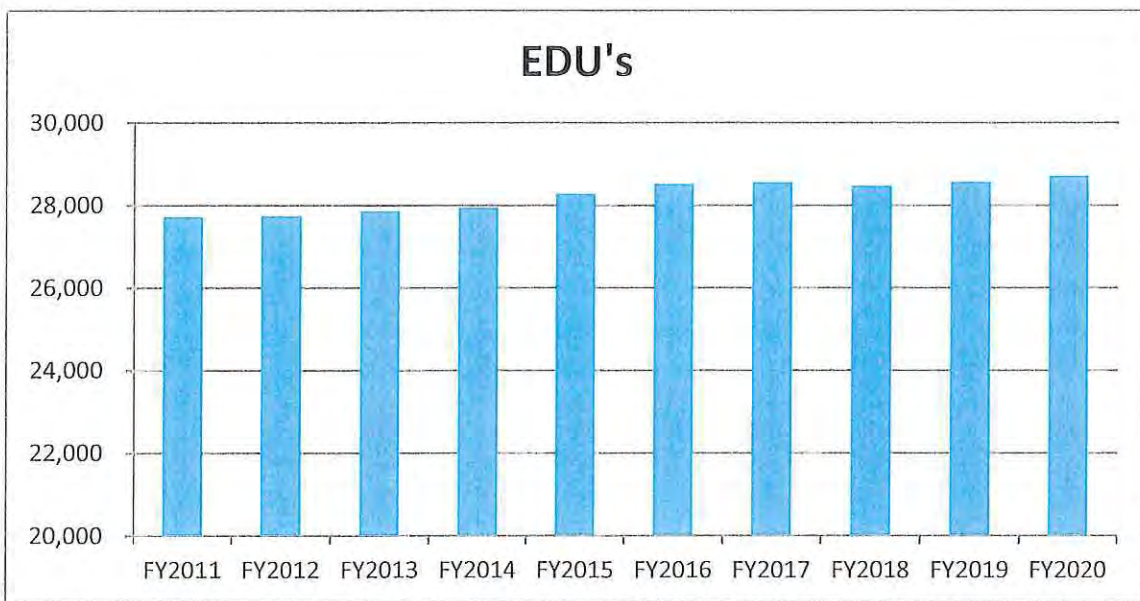


**FISCAL YEAR 2020  
WASTEWATER SERVICE CHARGE  
and  
EDU SUMMARY**

<b>FY 2020</b>	
MONTHLY SERVICE CHARGE	\$ 28.64
ANNUAL SERVICE CHARGE	\$ 343.68
ESTIMATED EDU'S FY 2020	28,715
ESTIMATED SEWER SERVICE CHARGE REVENUE	\$ 9,868,771

<b>FY 2019</b>	
MONTHLY SERVICE CHARGE	\$ 28.64
ANNUAL SERVICE CHARGE	\$ 343.68
ESTIMATED EDU'S FY 2019	28,555
ESTIMATED SEWER SERVICE CHARGE REVENUE	\$ 9,813,782

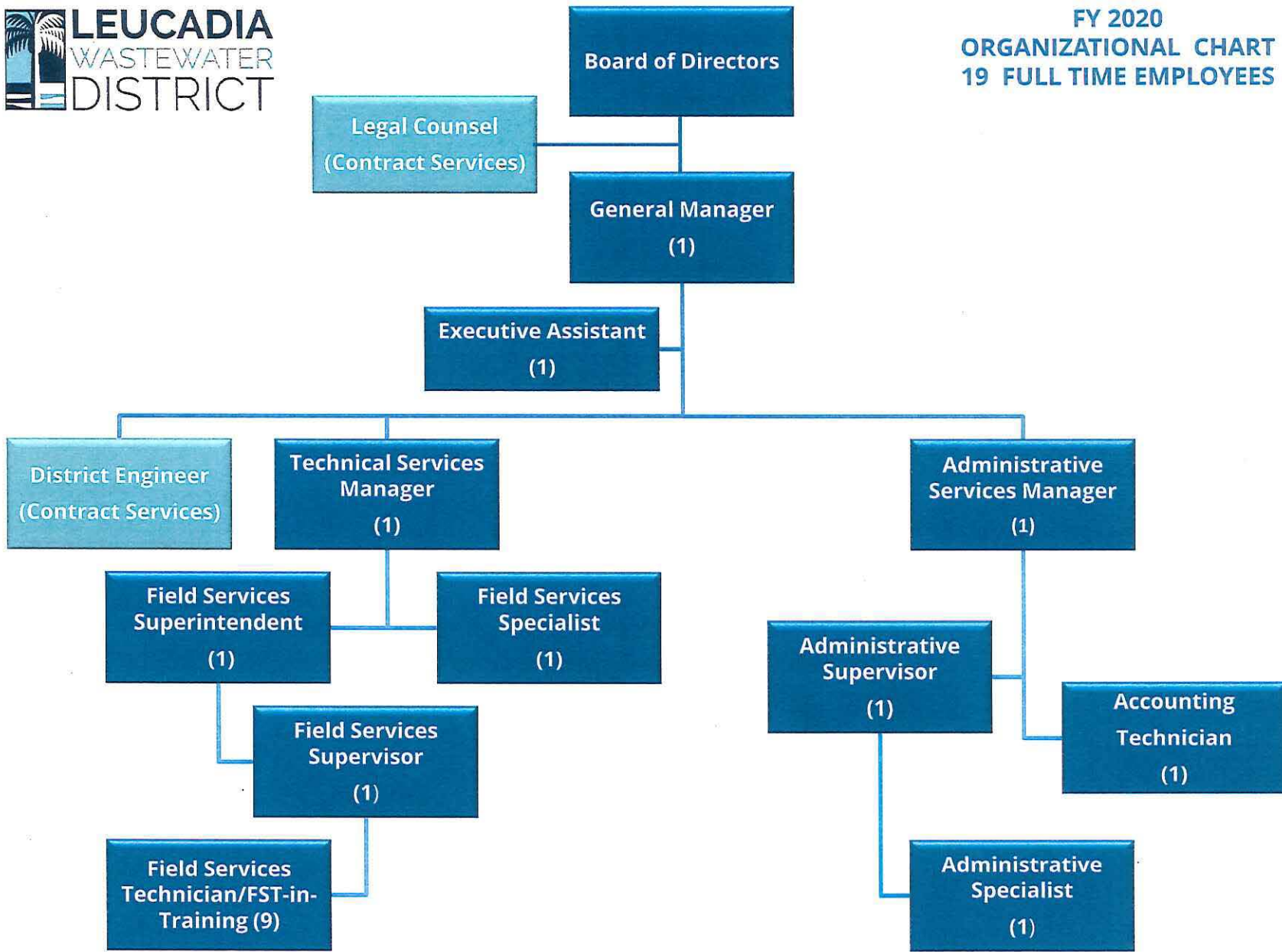
<b>% CHANGE IN SERVICE CHARGE</b>	<b>0%</b>
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EDU = Equivalent Dwelling Unit



FY 2020  
ORGANIZATIONAL CHART  
19 FULL TIME EMPLOYEES



# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2020 OPERATING BUDGET WASTEWATER OPERATIONS – LEUCADIA FACILITIES

## Program Overview:

The FY20 Wastewater Operations – Leucadia Facilities Operating Budget reflects the expense associated with the collection, transmission and treatment of wastewater that is attributable to LWD only. This is LWD’s largest program and makes up the majority of LWD’s operating expenses.

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



Field Services Expenses: FSD is responsible for collecting and transmitting LWD wastewater to the Encina regional treatment plant where it is treated to secondary discharge standards. FSD performs continuous preventative maintenance on 200 miles of collection system. Under the Wastewater Operations – Leucadia Facilities Program, FSD operates and maintains nine wastewater pump stations that are funded solely by LWD. FSD is also responsible for regulatory compliance functions, training functions and customer service.

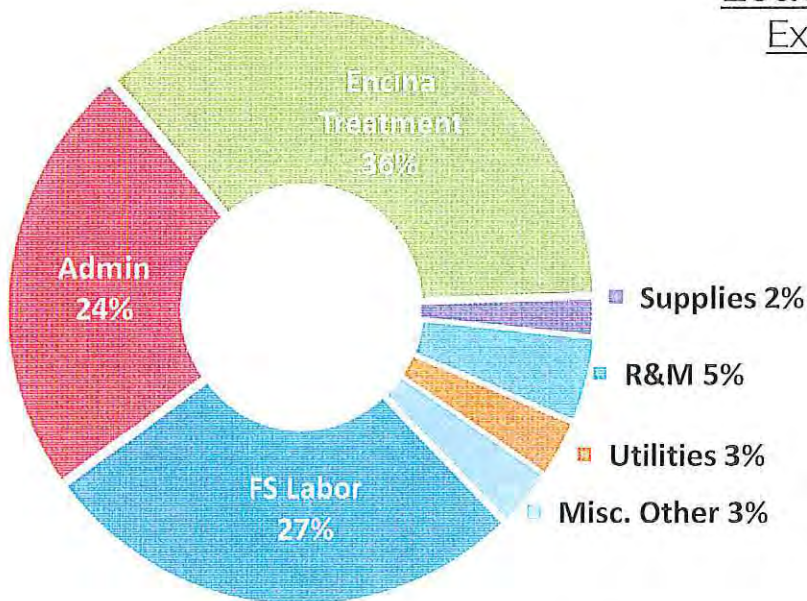
Administrative Services Expenses: ASD expenses are allocated to the Wastewater Operations – Leucadia Facilities Program to reflect expenses that support the collection and transmission of LWD wastewater. These expenses include overall staff management, as well as Board of Directors, financial, human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

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

**Leucadia Wastewater District  
Wastewater Operations - Leucadia Facilities  
Fiscal Year 2020 Operating Budget  
Expense Summary**

<u>Account</u>	<u>Description</u>	<u>FY 2019 Budget</u>	<u>FY 2019 Projected</u>	<u>FY 2020 Budget</u>	<u>% Change Bud to Bud</u>
	<b>Field Services Expenses:</b>				
	Labor Expenses:				
	FS Salaries & Benefits	\$ 1,703,702	\$ 1,713,800	\$ 1,943,897	14%
	Non-Labor Expenses:				
4600	Fuel	\$ 40,000	\$ 38,000	\$ 40,000	0%
4900	Office Expense	\$ 93,700	\$ 97,300	\$ 90,500	-3%
5000	Operating Supplies	\$ 144,500	\$ 149,960	\$ 153,200	6%
5200	Professional Services	\$ 75,000	\$ 54,730	\$ 74,800	0%
5400	Rent/Leases	\$ 5,900	\$ 6,000	\$ 6,500	10%
5500	Repair and Maintenance	\$ 335,900	\$ 326,500	\$ 334,700	0%
5600	Permitting & Monitoring	\$ 21,200	\$ 22,140	\$ 24,000	13%
5900	Utilities	\$ 226,500	\$ 221,000	\$ 227,700	1%
	Subtotal Other Expenses	\$ 942,700	\$ 915,630	\$ 951,400	1%
	<b>Total Field Services Expenses</b>	<b>\$ 2,646,402</b>	<b>\$ 2,629,430</b>	<b>\$ 2,895,297</b>	<b>9%</b>
	<b>Administration Expenses:</b>	<b>\$ 1,634,370</b>	<b>\$ 1,577,872</b>	<b>\$ 1,697,965</b>	<b>4%</b>
6210	<b>Encina Treatment Expenses:</b>	<b>\$ 1,887,300</b>	<b>\$ 1,840,600</b>	<b>\$ 2,554,800</b>	<b>35%</b>
	<b>Total LWD Facilities Expenses</b>	<b>\$ 6,168,072</b>	<b>\$ 6,047,902</b>	<b>\$ 7,148,062</b>	<b>16%</b>

**Leucadia Facilities  
Expense Allocation**



**Leucadia Wastewater District  
Wastewater Operations - Leucadia Facilities  
Fiscal Year 2020 Operating Budget  
Expense Detail**

Acct #	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
<b>4600</b>	<b><u>Gasoline, Oil, Fuel</u></b>				
20-41-0000-4610	Vehicle Gasoline, Diesel Fuel, Lubricants				
	Gas	\$ 10,000	\$ 9,000	\$ 10,000	0%
	Diesel	\$ 30,000	\$ 29,000	\$ 30,000	0%
	<b>Total Gasoline, Oil, Fuel</b>	<b>\$ 40,000</b>	<b>\$ 38,000</b>	<b>\$ 40,000</b>	<b>0%</b>
<b>4900</b>	<b><u>Office Expense</u></b>				
20-41-0000-4950	Computer Service				
	GIS Support	\$ 3,500	\$ 1,200	\$ 3,500	0%
	Xerox	\$ 1,500	\$ 300	\$ -	-100%
	WMS Comprehensive Support	\$ 9,000	\$ 9,000	\$ 9,000	0%
	SCADA Support and Parts	\$ 10,000	\$ 20,400	\$ 10,000	0%
	Flow & Alarm monitoring ADS Intelliserve	\$ 68,000	\$ 66,400	\$ 68,000	0%
	<b>Total Computer Service</b>	<b>\$ 92,000</b>	<b>\$ 97,300</b>	<b>\$ 90,500</b>	<b>-2%</b>
20-41-0000-4970	Assessor Parcel Reports	\$ 1,700	\$ -	\$ -	-100%
	<b>Total Office Expense</b>	<b>\$ 93,700</b>	<b>\$ 97,300</b>	<b>\$ 90,500</b>	<b>-3%</b>
<b>5000</b>	<b><u>Operating Supplies</u></b>				
20-41-0000-5010	Chemicals (Bioxide/Ferrous Chloride)	\$ 100,000	\$ 117,200	\$ 117,000	17%
20-41-0000-5020	Laundry	\$ 12,000	\$ 11,000	\$ 12,000	0%
20-41-0000-5030	Tool Replacement	\$ 4,000	\$ 3,800	\$ 4,000	0%
20-41-0000-5040	Safety Supplies/Services				
	Steel Toe Shoes	\$ 3,000	\$ 2,800	\$ 3,000	0%
	First Aid Supplies	\$ 1,700	\$ 1,400	\$ 1,500	-12%
	Hearing Conservation	\$ 1,000	\$ 1,000	\$ 1,000	0%
	Universal Defibrillators	\$ 3,100	\$ -	\$ -	-100%
	Personal Protective Equipment (disposable)	\$ 6,000	\$ 5,800	\$ 6,000	0%
	Respiratory Protection Physicals/Fit Testing	\$ 1,000	\$ 1,000	\$ 1,000	0%
	Atmospheric Monitoring/Testing Equipment, Service, & Supplies	\$ 5,000	\$ 2,500	\$ 3,000	-40%
	DOT Testing Program Administration (DATCO)	\$ 3,000	\$ 1,200	\$ 2,000	-33%
	Commercial Driver's License / Physicals Renewals	\$ 1,000	\$ 500	\$ 700	-30%
	SCBA Equipment	\$ 1,000	\$ 800	\$ 1,000	0%
	Emergency Preparedness	\$ 1,500	\$ -	\$ -	-100%
	Safety Label Maker	\$ 200	\$ -	\$ -	-100%
	Traffic Control Devices	\$ 1,000	\$ 960	\$ 1,000	0%
	<b>Total, Safety Supplies</b>	<b>\$ 28,500</b>	<b>\$ 17,960</b>	<b>\$ 20,200</b>	<b>-29%</b>
	<b>Total Operating Supplies</b>	<b>\$ 144,500</b>	<b>\$ 149,960</b>	<b>\$ 153,200</b>	<b>6%</b>
<b>5200</b>	<b><u>Professional Services</u></b>				
20-41-0000-5210	Engineering Services				
	Update SSMP Audit	\$ 9,000	\$ 12,630	\$ 8,300	-8%
	District Engineering	\$ 55,000	\$ 40,000	\$ 55,000	0%
	Update Safety Program Plans	\$ 1,000	\$ 2,100	\$ 1,500	50%
	Specialty Engineering	\$ 10,000	\$ -	\$ 10,000	0%
	<b>Total Professional Services</b>	<b>\$ 75,000</b>	<b>\$ 54,730</b>	<b>\$ 74,800</b>	<b>0%</b>



**Leucadia Wastewater District  
Wastewater Operations - Leucadia Facilities  
Fiscal Year 2020 Operating Budget  
Expense Detail**

Acct #	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
<b>5400</b>	<b><u>Rents &amp; leases</u></b>				
20-41-0000-5410	Equipment Rental				
	Repair/Maintenance Equipment	\$ 500	\$ -	\$ 500	0%
20-41-0000-5440	Easement Leases				
	NCTD License Fee	\$ 5,400	\$ 6,000	\$ 6,000	11%
	<b>Total Rents and Leases</b>	<b>\$ 5,900</b>	<b>\$ 6,000</b>	<b>\$ 6,500</b>	<b>10%</b>
<b>5500</b>	<b><u>Repair &amp; maintenance</u></b>				
20-41-0000-5510	Line Maintenance				
	Water for Line Cleaning	\$ 16,000	\$ 16,500	\$ 17,000	6%
	Routine Line Repair Supplies	\$ 25,000	\$ 24,000	\$ 25,000	0%
	Cathodic Testing	\$ 3,900	\$ 4,000	\$ 4,000	3%
	CCTV Support/Maintenance	\$ 21,000	\$ 22,000	\$ 22,000	5%
	Vactor High Pressure Hose	\$ 6,000	\$ 6,000	\$ 6,000	0%
	Vactor Control	\$ -	\$ 3,900	\$ 7,000	100%
	Smoke Testing	\$ -	\$ 11,200	\$ 12,000	100%
	Total, Line Maintenance	\$ 71,900	\$ 87,600	\$ 93,000	29%
20-41-0000-5520	Pump Station Repair & Maintenance				
	Standby Power System Service (Generator)	\$ 15,000	\$ 13,000	\$ 15,000	0%
	Electrical Services/Diagnostic Heat Testing	\$ 12,000	\$ 11,700	\$ 13,000	8%
	Pump & Motor Repairs	\$ 30,000	\$ 20,500	\$ 30,000	0%
	Routine Pump Station Repair Supplies	\$ 8,000	\$ 7,000	\$ 8,000	0%
	Odor Control Media Replacement	\$ 18,200	\$ 18,200	\$ 18,200	0%
	Vibrational Analysis (Predictive Maint., Testing)	\$ 1,600	\$ 1,500	\$ 1,600	0%
	Refurbish Pump Seals	\$ 6,000	\$ -	\$ 6,000	0%
	Replace Odologgers/Ozone Detectors	\$ 3,300	\$ 2,500	\$ 3,300	0%
	Total, Pump Station Repair & Maintenance	\$ 94,100	\$ 74,400	\$ 95,100	1%
20-41-0000-5530	Buildings & Grounds Repair & Maintenance				
	Elevator	\$ 4,800	\$ 5,100	\$ 5,200	8%
	Audio Visual	\$ 1,500	\$ -	\$ 1,500	0%
	Trash Service	\$ 3,000	\$ 2,900	\$ 3,000	0%
	Plant Service	\$ 2,000	\$ 2,000	\$ 2,000	0%
	Janitorial Services	\$ 22,500	\$ 21,500	\$ 22,500	0%
	Window Cleaning	\$ 1,000	\$ 1,000	\$ 1,000	0%
	Solar Panel Cleaning	\$ 1,500	\$ 1,400	\$ 1,500	0%
	Pest Control	\$ 1,100	\$ 1,000	\$ 1,100	0%
	Painting and General Building Maintenance	\$ 35,000	\$ 37,000	\$ -	-100%
	Miscellaneous Services and Small Equipment	\$ 7,500	\$ 7,500	\$ 7,500	0%
	Landscaping/Water Feature/Gate Maintenance Services	\$ 20,000	\$ 19,500	\$ 20,000	0%
	Fire Extinguisher Service	\$ 800	\$ 800	\$ 800	0%
	Garage Door Service	\$ 2,000	\$ 2,900	\$ 3,000	50%
	HVAC Service	\$ 14,000	\$ 14,000	\$ 14,000	0%
	Roof and Gutter Maintenance	\$ 2,000	\$ 1,800	\$ 2,000	0%
	Test Fire Sprinkler System	\$ 1,500	\$ 1,500	\$ 1,500	0%
	Miscellaneous Buildings & Grounds Repairs	\$ -	\$ -	\$ 10,000	100%
	Total, Buildings & Grounds Repair & Maintenance	\$ 120,200	\$ 119,900	\$ 96,600	-20%

**Leucadia Wastewater District  
Wastewater Operations - Leucadia Facilities  
Fiscal Year 2020 Operating Budget  
Expense Detail**

Acct #	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
20-41-0000-5540	Vehicle Repair & Maintenance				
	Routine & Corrective Repairs	\$ 18,000	\$ 17,000	\$ 18,000	0%
	Tire Replacement	\$ 4,100	\$ 7,000	\$ 4,500	10%
	Vactor Major Service	\$ 25,000	\$ 20,000	\$ 25,000	0%
	Total, Vehicle Repair & Maintenance	\$ 47,100	\$ 44,000	\$ 47,500	1%
20-41-0000-5550	Paint & Lubricants				
	Misc. Supplies	\$ 600	\$ 300	\$ 500	-17%
	HazMat Disposal	\$ 1,000	\$ -	\$ 1,000	0%
	Total, Paint & Lubricants	\$ 1,600	\$ 300	\$ 1,500	-6%
20-41-0000-5590	Equipment Repair & Maintenance				
	Misc. Equip. Repairs (Portable Generators, Pumps)	\$ 1,000	\$ 300	\$ 1,000	0%
	Total Repair and Maintenance	\$ 335,900	\$ 326,500	\$ 334,700	0%
<b>5600</b>	<b><u>Monitoring and Permitting</u></b>				
20-41-0000-5610	Lab Analysis				
	Beach Posting Analysis	\$ 1,500	\$ -	\$ 1,500	0%
	Baseline Background Analysis	\$ 1,000	\$ 980	\$ 1,000	0%
	Total Lab Analysis	\$ 2,500	\$ 980	\$ 2,500	0%
20-41-0000-5630	Permits & Monitoring				
	Air Pollution Control District	\$ 4,700	\$ 4,700	\$ 4,700	0%
	City of Encinitas Inspection Permit	\$ 300	\$ -	\$ 300	0%
	City of Carlsbad Inspection Permit	\$ 1,000	\$ 1,000	\$ 1,000	0%
	County Business Emergency Plan Permit	\$ 1,500	\$ 3,200	\$ 3,200	113%
	Collection System Permit	\$ 11,200	\$ 12,260	\$ 12,300	10%
	Total Permits & Monitoring	\$ 18,700	\$ 21,160	\$ 21,500	15%
	Total Monitoring and Permitting	\$ 21,200	\$ 22,140	\$ 24,000	13%
<b>5900</b>	<b><u>Utilities</u></b>				
20-41-0000-5920	SCADA Remote Communications	\$ 700	\$ 500	\$ 600	-14%
20-41-0000-5930	Electricity, District Operations	\$ 215,000	\$ 208,400	\$ 215,000	0%
20-41-0000-5940	Water	\$ 8,300	\$ 9,600	\$ 9,600	16%
20-41-0000-5950	USA Notification Service	\$ 2,500	\$ 2,500	\$ 2,500	0%
	Total Utilities	\$ 226,500	\$ 221,000	\$ 227,700	1%
<b>TOTAL LEUCADIA FACILITIES EXPENSES</b>		<b>\$ 942,700</b>	<b>\$ 915,630</b>	<b>\$ 951,400</b>	<b>1%</b>

# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2020 OPERATING BUDGET WASTEWATER ENTERPRISE – BATIQUITOS JOINT FACILITIES

## Program Overview:

The FY20 Wastewater Operations – Batiquitos Joint Facilities operating budget reflects the expenses associated with the operation and maintenance of the Batiquitos Pump Station and Force Main facilities. The Batiquitos Joint Facilities are jointly owned by LWD and the City of Encinitas (Encinitas) and operating expenses are prorated based on flow. For FY20, budgeted operating expenses have been proportioned at approximately 80% for LWD and 20% for Encinitas.

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

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

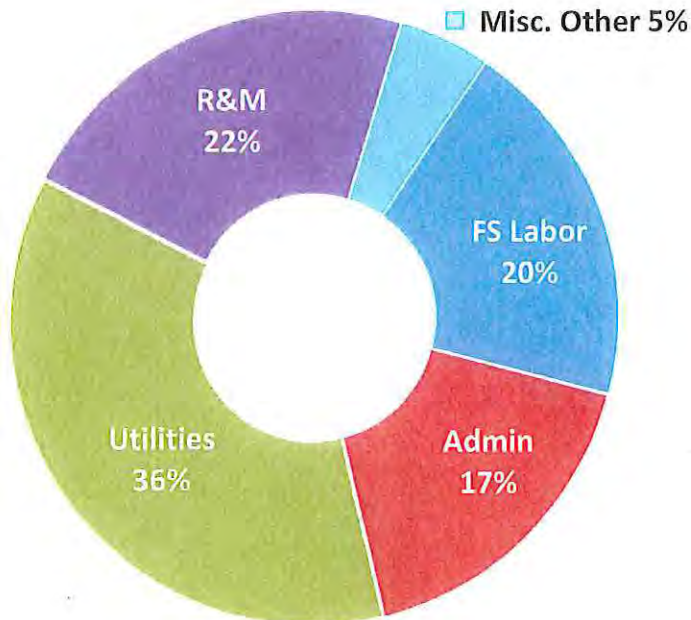


Administrative Services Expenses: ASD expenses are allocated to the Wastewater Operations – Batiquitos Joint Facilities to reflect expenses that support the operation of the Batiquitos pump station and force main facilities. These expenses include overall staff management, as well as Board of Directors,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

**Leucadia Wastewater District  
Wastewater Operations - Batiquitos Joint Facilities  
Fiscal Year 2020 Operating Budget  
Expense Summary**

Account	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
<b>Field Services Expenses:</b>					
Labor Expenses:					
	FS Salaries & Benefits	\$ 81,019	\$ 69,700	\$ 86,891	7%
Non-Labor Expenses:					
4600	Fuel	\$ 1,000	\$ 500	\$ 1,000	0%
4900	Office Expense	\$ 6,000	\$ 1,500	\$ 6,000	0%
5200	Professional Services	\$ 10,000	\$ -	\$ 10,000	0%
5500	Repair and Maintenance	\$ 93,500	\$ 69,700	\$ 98,100	5%
5600	Permitting & Monitoring	\$ 4,900	\$ 1,500	\$ 4,100	-16%
5900	Utilities	\$ 152,800	\$ 160,400	\$ 160,700	5%
	Subtotal Other Expenses	\$ 268,200	\$ 233,600	\$ 279,900	4%
	<b>Total Field Services Expenses</b>	<b>\$ 349,219</b>	<b>\$ 303,300</b>	<b>\$ 366,791</b>	<b>5%</b>
	<b>Administration Expenses:</b>	<b>\$ 77,835</b>	<b>\$ 64,172</b>	<b>\$ 75,771</b>	<b>-3%</b>
	<b>Total Batiquitos Joint Facilities Expenses</b>	<b>\$ 427,054</b>	<b>\$ 367,472</b>	<b>\$ 442,562</b>	<b>4%</b>

**Batiquitos Joint Facilities  
Expense Allocation**



**Leucadia Wastewater District  
Wastewater Operations - Batiquitos Joint Facilities  
Fiscal Year 2020 Operating Budget  
Expense Detail**

Acct #	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
<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>	0%
<b>4900</b>	<b><u>Office Expense</u></b>				
20-41-0022-4950	Computer Service				
	SCADA Support and Parts	\$ 5,000	\$ 1,400	\$ 5,000	0%
	WMS Comprehensive Support	\$ 1,000	\$ 100	\$ 1,000	0%
	<b>Total Office Expense</b>	<b>\$ 6,000</b>	<b>\$ 1,500</b>	<b>\$ 6,000</b>	0%
<b>5200</b>	<b><u>Professional Services</u></b>				
20-41-0022-5210	Engineering Services				
	District Engineering	\$ 5,000	\$ -	\$ 5,000	0%
	Specialty Engineering	\$ 5,000	\$ -	\$ 5,000	0%
	<b>Total Professional Services</b>	<b>\$ 10,000</b>	<b>\$ -</b>	<b>\$ 10,000</b>	0%
<b>5500</b>	<b><u>Repair &amp; Maintenance</u></b>				
20-41-0022-5510	Line Maintenance				
	Cathodic Testing	\$ 2,200	\$ 2,200	\$ 2,200	0%
	<b>Total, Line Maintenance</b>	<b>\$ 2,200</b>	<b>\$ 2,200</b>	<b>\$ 2,200</b>	0%
20-41-0022-5520	Pump Station Repair & Maintenance				
	Standby Power System Service (generator)	\$ 3,500	\$ 2,500	\$ 3,500	0%
	Pump & Motor Repairs	\$ 23,000	\$ -	\$ 23,000	0%
	Electrical Services	\$ 8,500	\$ 10,500	\$ 8,500	0%
	Transfer Switch Testing & Electrical Heat Test	\$ 1,400	\$ 1,700	\$ 1,700	21%
	Vibrational Analysis BPS (Predictive Testing)	\$ 1,000	\$ 1,000	\$ 1,000	0%
	HVAC Service	\$ 1,500	\$ 6,200	\$ 6,000	300%
	Miscellaneous Services/Supplies	\$ 4,200	\$ 4,500	\$ 4,500	7%
	Odor Control Media Replacement	\$ 40,000	\$ 40,000	\$ 40,000	0%
	Force Main Operations	\$ 5,000	\$ -	\$ 5,000	0%
	Refurbish Pump Seals	\$ 100	\$ -	\$ 100	0%
	Solar Panel Cleaning	\$ 100	\$ 100	\$ 100	0%
	Battery Back up for Gate	\$ 2,000	\$ -	\$ -	-100%
	Replace Odaloggers	\$ -	\$ -	\$ 1,500	100%
	<b>Total, Pump Station Repair &amp; Maintenance</b>	<b>\$ 90,300</b>	<b>\$ 66,500</b>	<b>\$ 94,900</b>	5%
20-41-0022-5530	Buildings & Grounds Repair & Maintenance				
	Landscaping Service	\$ 1,000	\$ 1,000	\$ 1,000	0%
	<b>Total, Buildings &amp; Grounds Repair &amp; Maintenance</b>	<b>\$ 1,000</b>	<b>\$ 1,000</b>	<b>\$ 1,000</b>	0%
	<b>Total Repair &amp; Maintenance</b>	<b>\$ 93,500</b>	<b>\$ 69,700</b>	<b>\$ 98,100</b>	5%

**Leucadia Wastewater District  
Wastewater Operations - Batiquitos Joint Facilities  
Fiscal Year 2020 Operating Budget  
Expense Detail**

Acct #	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
<b>5600</b>	<b><u>Monitoring and Permitting</u></b>				
20-41-0022-5610	Lab Analysis				
	Lab Analysis (Baseline Background Analysis)	\$ 2,000	\$ -	\$ 2,000	0%
	Total Lab Analysis	<u>\$ 2,000</u>	<u>\$ -</u>	<u>\$ 2,000</u>	0%
20-41-0022-5630	Permits & Monitoring				
	County HazMat (Business Plan) Permit	\$ 600	\$ 600	\$ 600	0%
	APCD - Generator & Pump Emissions/Odor Control	\$ 2,300	\$ 900	\$ 1,500	-35%
	Total Permits & Monitoring	<u>\$ 2,900</u>	<u>\$ 1,500</u>	<u>\$ 2,100</u>	-28%
	<b>Total Monitoring &amp; Permitting</b>	<b><u>\$ 4,900</u></b>	<b><u>\$ 1,500</u></b>	<b><u>\$ 4,100</u></b>	-16%
<b>5900</b>	<b><u>Utilities</u></b>				
20-41-0022-5910	Telephone	\$ 1,800	\$ 1,600	\$ 1,700	-6%
20-41-0022-5930	Batiquitos Electrical Power	\$ 150,000	\$ 158,000	\$ 158,000	5%
20-41-0022-5940	Water	\$ 1,000	\$ 800	\$ 1,000	0%
	<b>Total Utilities</b>	<b><u>\$ 152,800</u></b>	<b><u>\$ 160,400</u></b>	<b><u>\$ 160,700</u></b>	5%
<b>Total Batiquitos Joint Facilities Expenses</b>		<b><u>\$ 268,200</u></b>	<b><u>\$ 233,600</u></b>	<b><u>\$ 279,900</u></b>	4%

# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2020 OPERATING BUDGET RECYCLED WATER OPERATIONS

## Program Overview:

The FY20 Recycled Water Enterprise Operating Budget reflects the expenses associated with the operation and maintenance of LWD's Gafner Water Recycling Facility (Gafner WRF). The Gafner WRF is a 1.0 million gallon per day facility that provides recycled water for the irrigation of the Omni La Costa Resort & Spa golf course.

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

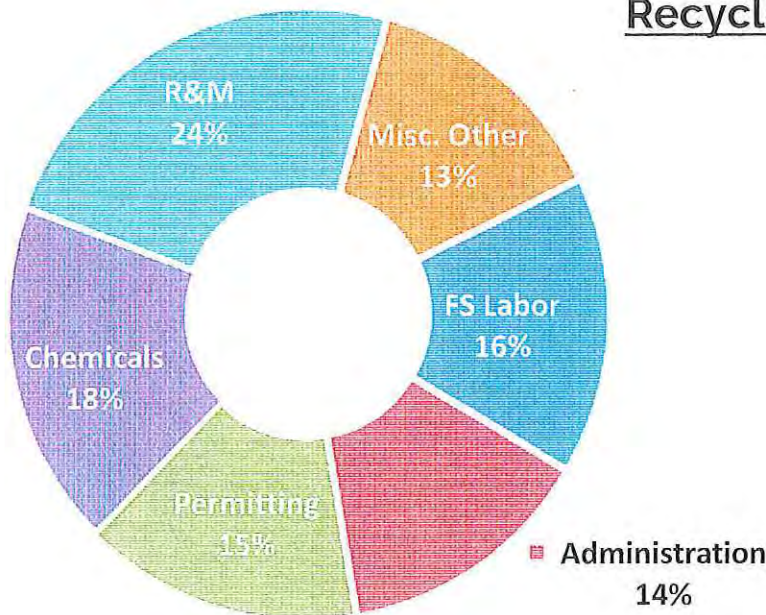
Field Services Expenses: FSD is responsible for operating the Gafner WRF. The operation consists of chemically treating and filtering secondary effluent in accordance with all public health and environmental standards. FSD performs preventative maintenance, regulatory compliance functions, training functions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

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



**Leucadia Wastewater District  
Recycled Water Operations  
Fiscal Year 2020 Operating Budget  
Expense Summary**

Account	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
<b>Field Services Expenses:</b>					
Labor Expenses:					
	FS Salaries & Benefits	\$ 35,358	\$ 31,300	\$ 38,778	10%
Non-Labor Expenses:					
4900	Office Expenses	\$ 3,300	\$ 700	\$ 3,300	0%
5000	Operating Supplies	\$ 45,000	\$ 34,000	\$ 45,000	0%
5200	Professional Services	\$ 12,500	\$ 9,000	\$ 12,500	0%
5500	Repair and Maintenance	\$ 55,700	\$ 44,290	\$ 57,960	4%
5600	Permitting & Monitoring	\$ 33,800	\$ 34,000	\$ 37,100	10%
5900	Utilities	\$ 17,500	\$ 17,000	\$ 17,500	0%
	<b>Subtotal Non-Labor Expenses</b>	<b>\$ 167,800</b>	<b>\$ 138,990</b>	<b>\$ 173,360</b>	<b>3%</b>
	<b>Total Field Services Expenses</b>	<b>\$ 203,158</b>	<b>\$ 170,290</b>	<b>\$ 212,138</b>	<b>4%</b>
	<b>Administration Expenses:</b>	<b>\$ 33,906</b>	<b>\$ 28,817</b>	<b>\$ 33,714</b>	<b>-1%</b>
	<b>Total Recycled Water Facility Expenses</b>	<b>\$ 237,064</b>	<b>\$ 199,107</b>	<b>\$ 245,852</b>	<b>4%</b>



**Recycled Water Facilities**  
Expense Allocation



**Leucadia Wastewater District  
Recycled Water Operations  
Fiscal Year 2020 Operating Budget  
Expense Detail**

Acct #	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
<b>4900</b>	<b><u>Office Expense</u></b>				
30-43-0019-4950	Computer Service				
	WMS Software Maintenance	\$ 300	\$ 200	\$ 300	0%
	SCADA Support & Parts	\$ 3,000	\$ 500	\$ 3,000	0%
	<b>Total Office Expense</b>	<b>\$ 3,300</b>	<b>\$ 700</b>	<b>\$ 3,300</b>	0%
<b>5000</b>	<b><u>Operating Supplies</u></b>				
30-43-0019-5010	Chemicals				
	Polyalum & Sodium Hypochlorite	\$ 45,000	\$ 34,000	\$ 45,000	0%
	<b>Total Operating Supplies</b>	<b>\$ 45,000</b>	<b>\$ 34,000</b>	<b>\$ 45,000</b>	0%
<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	\$ -	\$ 2,500	0%
	<b>Total Engineering Services</b>	<b>\$ 7,500</b>	<b>\$ -</b>	<b>\$ 7,500</b>	0%
30-43-0019-5220	Legal Services				
	Legal	\$ 5,000	\$ 9,000	\$ 5,000	0%
	<b>Total Legal Services</b>	<b>\$ 5,000</b>	<b>\$ 9,000</b>	<b>\$ 5,000</b>	0%
	<b>Total Professional Services</b>	<b>\$ 12,500</b>	<b>\$ 9,000</b>	<b>\$ 12,500</b>	0%
<b>5500</b>	<b><u>Repair &amp; Maintenance</u></b>				
30-43-0019-5580	Treatment Plant R&M				
	Calibration Services (flow/turbidity/Cl residual)	\$ 6,500	\$ 7,130	\$ 7,200	11%
	Routine Plant Equipment Maintenance	\$ 3,500	\$ 2,000	\$ 3,500	0%
	VFD/Electrical Services	\$ 5,000	\$ 11,700	\$ 5,000	0%
	HVAC Service	\$ 500	\$ 1,760	\$ 1,760	252%
	Electrical Heat Test	\$ 1,400	\$ 1,700	\$ 1,700	21%
	Force Main Operations	\$ 800	\$ -	\$ 800	0%
	Pump & Motor Repairs	\$ 5,000	\$ 20,000	\$ 5,000	0%
	Repaint Handrails & equipment	\$ 33,000	\$ -	\$ 33,000	0%
	<b>Total Repair and Maintenance</b>	<b>\$ 55,700</b>	<b>\$ 44,290</b>	<b>\$ 57,960</b>	4%

**Leucadia Wastewater District  
Recycled Water Operations  
Fiscal Year 2020 Operating Budget  
Expense Detail**

Acct #	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
<b>5600</b>	<b><u>Monitoring and Permitting</u></b>				
30-43-0019-5610	Lab Analysis				
	Laboratory Analysis	\$ 11,000	\$ 10,000	\$ 11,000	0%
	Total Lab Analysis	\$ 11,000	\$ 10,000	\$ 11,000	0%
30-43-0019-5630	Permits & Monitoring				
	RWQCB Discharge Permit	\$ 15,000	\$ 16,400	\$ 16,400	9%
	San Marcos Creek Flow Measurement	\$ 6,000	\$ 6,000	\$ 8,000	33%
	RWQCB Storm Water Permit	\$ 1,600	\$ 1,400	\$ 1,500	-6%
	Storm Water Maintenance	\$ 200	\$ 200	\$ 200	0%
	Total Permits & Monitoring	\$ 22,800	\$ 24,000	\$ 26,100	14%
	<b>Total Monitoring &amp; Permitting</b>	<b>\$ 33,800</b>	<b>\$ 34,000</b>	<b>\$ 37,100</b>	<b>10%</b>
<b>5900</b>	<b><u>Utilities</u></b>				
30-43-0019-5930	Encina Effluent Pump Station Electricity	\$ 17,500	\$ 17,000	\$ 17,500	0%
	Total Utilities	\$ 17,500	\$ 17,000	\$ 17,500	0%
<b>Total Recycled Water Operation Expenses</b>		<b>\$ 167,800</b>	<b>\$ 138,990</b>	<b>\$ 173,360</b>	<b>3%</b>

# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2020 OPERATING BUDGET ADMINISTRATIVE SERVICES

## Program Overview:

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

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

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



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

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

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

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

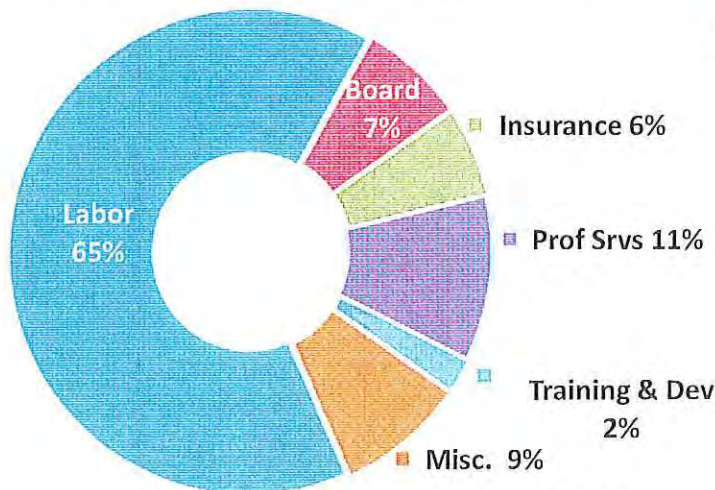
Community/Public Outreach Service: ASD provides community outreach service by developing and distributing bi-annual newsletters, press releases, informational flyers, conducting events and tours, and updating and maintaining the District's website and Facebook accounts.

**Leucadia Wastewater District  
Administrative Services  
Fiscal Year 2020 Operating Budget  
Expense Summary**

Account	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
	<b>Labor Expenses:</b>				
	Admin Salaries & Benefits	\$ 1,163,795	\$ 1,125,300	\$ 1,288,078	11%
	<b>Non-Labor Expenses:</b>				
4300	Board Support	\$ 144,800	\$ 128,400	\$ 142,400	-2%
4400	Election	\$ 30,000	\$ 500	\$ -	-100%
4700	Insurance	\$ 114,500	\$ 109,400	\$ 119,800	5%
4800	Memberships	\$ 29,400	\$ 29,700	\$ 30,200	3%
4900	Office Expense	\$ 52,600	\$ 52,500	\$ 55,100	5%
5200	Professional Services	\$ 237,900	\$ 254,700	\$ 217,200	-9%
5300	Printing/Publishing	\$ 29,500	\$ 25,000	\$ 29,500	0%
5400	Rents & Leases	\$ 11,500	\$ 11,000	\$ 11,500	0%
5500	Repair & Maintenance	\$ 1,500	\$ 100	\$ 1,500	0%
5700	Training & Development	\$ 47,000	\$ 43,400	\$ 46,800	0%
5900	Utilities	\$ 35,800	\$ 35,400	\$ 36,700	3%
6000	LAFCO Operations	\$ 7,500	\$ 7,500	\$ 7,700	3%
	Subtotal Non-Labor Expenses	\$ 742,000	\$ 697,600	\$ 698,400	-6%
	<b>Total Admin Expenses</b>	<b>\$ 1,905,795</b>	<b>\$ 1,822,900</b>	<b>\$ 1,986,478</b>	<b>4%</b>

**Administration Allocation Schedule**

<b>LWD Facilities</b>					
	Labor	\$ 939,853	\$ 919,096	\$ 1,041,874	11%
	Non-Labor	\$ 694,517	\$ 658,776	\$ 656,091	-6%
	<b>Total LWD Facilities</b>	<b>\$ 1,634,370</b>	<b>\$ 1,577,872</b>	<b>\$ 1,697,965</b>	<b>4%</b>
<b>Batiquitos Facilities</b>					
	Labor	\$ 44,760	\$ 37,380	\$ 46,489	4%
	Non-Labor	\$ 33,075	\$ 26,792	\$ 29,282	-11%
	<b>Total Batiquitos Facilities</b>	<b>\$ 77,835</b>	<b>\$ 64,172</b>	<b>\$ 75,771</b>	<b>-3%</b>
<b>Recycled Water Enterprise</b>					
	Labor	\$ 19,498	\$ 16,786	\$ 20,687	6%
	Non-Labor	\$ 14,408	\$ 12,032	\$ 13,027	-10%
	<b>Total RWE</b>	<b>\$ 33,906</b>	<b>\$ 28,817</b>	<b>\$ 33,714</b>	<b>-1%</b>
<b>Capital Projects</b>					
	Labor	\$ 159,684	\$ 152,039	\$ 179,028	12%
	Non-Labor	\$ -	\$ -	\$ -	
	<b>Total Capital</b>	<b>\$ 159,684</b>	<b>\$ 152,039</b>	<b>\$ 179,028</b>	<b>12%</b>
	<b>Total Admin Allocation</b>	<b>\$ 1,905,795</b>	<b>\$ 1,822,900</b>	<b>\$ 1,986,478</b>	<b>4%</b>



**Administrative Services  
Expense Allocation**

**Leucadia Wastewater District  
Administrative Services  
Fiscal Year 2020 Operating Budget  
Expense Detail**

<u>Acct #</u>	<u>Description</u>	<u>FY 2019 Budget</u>	<u>FY 2019 Projected</u>	<u>FY 2020 Budget</u>	<u>% Change Bud to Bud</u>
<b>4300</b>	<b><u>Directors' Expenses</u></b>				
01-45-0000-4310	Directors' Compensation				
	Regular Board Meetings	\$ 11,500	\$ 11,500	\$ 12,000	4%
	Special Board Meetings	\$ 1,900	\$ 2,900	\$ 2,000	5%
	Committee Meetings	\$ 10,600	\$ 11,200	\$ 11,200	6%
	CASA Meetings	\$ 9,000	\$ 6,500	\$ 9,100	1%
	CSDA Meetings	\$ 9,000	\$ 9,000	\$ 9,600	7%
	WateReuse Meetings	\$ 2,300	\$ 2,300	\$ 3,200	39%
	CWEA Meetings	\$ 5,500	\$ 4,000	\$ 4,200	-24%
	Miscellaneous Meetings	\$ 2,300	\$ 2,100	\$ 2,800	22%
	Total Directors' Compensation	<u>\$ 52,100</u>	<u>\$ 49,500</u>	<u>\$ 54,100</u>	4%
01-45-0000-4320	Directors' Benefits				
	Health Insurance	\$ 36,000	\$ 34,600	\$ 37,400	4%
	Life Insurance	\$ 500	\$ 500	\$ 500	0%
	Dental Insurance	\$ 4,500	\$ 4,500	\$ 4,700	4%
	Vision Insurance	\$ 600	\$ 600	\$ 600	0%
	PERS	\$ 3,100	\$ 2,500	\$ 2,500	-19%
	Total Directors' Benefits	<u>\$ 44,700</u>	<u>\$ 42,700</u>	<u>\$ 45,700</u>	2%
01-45-0000-4330	Directors' Conferences				
	CASA	\$ 21,700	\$ 14,000	\$ 17,200	-21%
	CSDA	\$ 9,800	\$ 9,800	\$ 9,800	0%
	WateReuse	\$ 6,000	\$ 6,000	\$ 6,000	0%
	CWEA	\$ 7,500	\$ 6,400	\$ 6,600	-12%
	Misc. Directors' Conference	\$ 3,000	\$ -	\$ 3,000	0%
	Total Directors' Conferences	<u>\$ 48,000</u>	<u>\$ 36,200</u>	<u>\$ 42,600</u>	-11%
	Total Directors' Expenses	<u>\$ 144,800</u>	<u>\$ 128,400</u>	<u>\$ 142,400</u>	-2%
<b>4400</b>	<b><u>Election</u></b>				
01-45-0000-4400	Total Election Expense	<u>\$ 30,000</u>	<u>\$ 500</u>	<u>\$ -</u>	-100%
<b>4700</b>	<b><u>Insurance</u></b>				
01-45-0000-4710	Liability Insurance	\$ 90,000	\$ 89,100	\$ 92,300	3%
01-45-0000-4715	Property Insurance	\$ 19,500	\$ 20,300	\$ 22,500	15%
01-45-0000-4720	Self Insurance	\$ 5,000	\$ -	\$ 5,000	0%
	Total Insurance	<u>\$ 114,500</u>	<u>\$ 109,400</u>	<u>\$ 119,800</u>	5%

**Leucadia Wastewater District  
Administrative Services  
Fiscal Year 2020 Operating Budget  
Expense Detail**

<u>Acct #</u>	<u>Description</u>	<u>FY 2019 Budget</u>	<u>FY 2019 Projected</u>	<u>FY 2020 Budget</u>	<u>% Change Bud to Bud</u>
<b>4800</b>	<b><u>Memberships</u></b>				
01-45-0000-4810	Professional & Employees				
	CSDA	\$ 7,300	\$ 7,300	\$ 7,500	3%
	WEFICWEA/SWRCB	\$ 5,000	\$ 5,000	\$ 5,200	4%
	CASA	\$ 8,900	\$ 8,900	\$ 9,100	2%
	Chamber - Encinitas	\$ 300	\$ 300	\$ 300	0%
	Chamber - Carlsbad	\$ 900	\$ 900	\$ 900	0%
	WaterReuse	\$ 1,800	\$ 1,800	\$ 1,800	0%
	SDEA	\$ 700	\$ 700	\$ 700	0%
	SCAP	\$ 600	\$ 600	\$ 600	0%
	GFOA	\$ 200	\$ 200	\$ 200	0%
	CSMFO	\$ 200	\$ 200	\$ 200	0%
	CA Dept Consumer Affairs	\$ -	\$ 100	\$ -	100%
	Amazon	\$ -	\$ 200	\$ 200	100%
	Agua Hedionda World Water Day	\$ 800	\$ 800	\$ 800	0%
	Batiquitos Lagoon Foundation	\$ 2,500	\$ 2,500	\$ 2,500	0%
	N. County Human Resources (NCPA)	\$ 200	\$ 200	\$ 200	0%
	<b>Total Memberships</b>	<b>\$ 29,400</b>	<b>\$ 29,700</b>	<b>\$ 30,200</b>	<b>3%</b>
<b>4900</b>	<b><u>Office Expenses</u></b>				
01-45-0000-4910	Office and Cleaning Supplies	\$ 11,000	\$ 11,500	\$ 13,000	18%
01-45-0000-4920	Postage and Shipping	\$ 3,000	\$ 4,500	\$ 5,000	67%
01-45-0000-4925	File Archive Service	\$ 1,500	\$ 1,100	\$ 1,500	0%
01-45-0000-4930	Subscriptions:				
	Union Tribune	\$ 700	\$ 800	\$ 800	14%
	CA Labor Law Posters & Required Pamphlets	\$ 200	\$ 200	\$ 200	0%
	Misc. Publications	\$ 500	\$ 300	\$ 500	0%
	<b>Total Subscriptions</b>	<b>\$ 1,400</b>	<b>\$ 1,300</b>	<b>\$ 1,500</b>	<b>7%</b>
01-45-0000-4950	Computer Software and Misc. Hardware:				
	Accounting Software Support	\$ 7,800	\$ 8,300	\$ 8,100	4%
	Transfer Sewer Service Data to ASCI Format	\$ 600	\$ 600	\$ 600	0%
	Update Website with Security & Feature Improvements	\$ 3,100	\$ 3,100	\$ 4,000	29%
	Miscellaneous Computer Equipment	\$ 6,000	\$ 6,000	\$ 6,000	0%
	Replace iPads	\$ -	\$ -	\$ 4,200	100%
	Software Renewals, Maintenance & Upgrades	\$ 17,000	\$ 15,000	\$ 10,000	-41%
	<b>Total Computer Service</b>	<b>\$ 34,500</b>	<b>\$ 33,000</b>	<b>\$ 32,900</b>	<b>-5%</b>
01-45-0000-4960	Burglar & Fire Alarm	\$ 1,200	\$ 1,100	\$ 1,200	0%
	<b>Total Office Expenses</b>	<b>\$ 52,600</b>	<b>\$ 52,500</b>	<b>\$ 55,100</b>	<b>5%</b>

**Leucadia Wastewater District  
Administrative Services  
Fiscal Year 2020 Operating Budget  
Expense Detail**

<u>Acct #</u>	<u>Description</u>	<u>FY 2019 Budget</u>	<u>FY 2019 Projected</u>	<u>FY 2020 Budget</u>	<u>% Change Bud to Bud</u>
<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	\$ 92,000	\$ 40,000	0%
	Total Legal Services	<u>\$ 50,000</u>	<u>\$ 102,000</u>	<u>\$ 50,000</u>	0%
01-45-0000-5225	Financial Service				
	OPEB Actuarial	\$ -	\$ 1,800	\$ 6,800	100%
	PERS Actuarial	\$ 1,000	\$ 700	\$ 900	-10%
	Investment Mgmt. Services	\$ 17,500	\$ 18,900	\$ 19,500	11%
	Total Financial Services	<u>\$ 18,500</u>	<u>\$ 21,400</u>	<u>\$ 27,200</u>	47%
01-45-0000-5226	Network Support/Consulting Services	<u>\$ 36,500</u>	<u>\$ 13,500</u>	<u>\$ 25,000</u>	-32%
01-45-0000-5227	Management Support Services				
	Strategic Planning Facilitator	\$ 10,000	\$ 10,000	\$ -	-100%
	General Services	\$ 25,000	\$ 20,300	\$ 35,000	40%
	Total Management Support Services	<u>\$ 35,000</u>	<u>\$ 30,300</u>	<u>\$ 35,000</u>	0%
01-45-0000-5230	Health Broker's Fees	\$ 500	\$ -	\$ -	-100%
01-45-0000-5240	Auditor				
	Annual Audit	\$ 23,000	\$ 23,000	\$ 23,000	0%
	Total Auditor	<u>\$ 23,000</u>	<u>\$ 23,000</u>	<u>\$ 23,000</u>	0%
01-45-0000-5250	Bank Fees	\$ 13,400	\$ 8,500	\$ 1,000	-93%
01-45-0000-5260	Public Information				
	Outreach Program	\$ 56,000	\$ 50,000	\$ 50,000	-11%
	Teacher Grant Program	\$ 5,000	\$ 6,000	\$ 6,000	20%
	Total Public Information	<u>\$ 61,000</u>	<u>\$ 56,000</u>	<u>\$ 56,000</u>	-8%
	<b>Total Professional Services</b>	<b><u>\$ 237,900</u></b>	<b><u>\$ 254,700</u></b>	<b><u>\$ 217,200</u></b>	<b>-9%</b>
<b>5300</b>	<b><u>Printing &amp; Publishing</u></b>				
01-45-0000-5310	Advertising	\$ 4,500	\$ 4,000	\$ 4,500	0%
01-45-0000-5320	Printing (Newsletter Publishing)	\$ 25,000	\$ 21,000	\$ 25,000	0%
	<b>Total Printing &amp; Publishing</b>	<b><u>\$ 29,500</u></b>	<b><u>\$ 25,000</u></b>	<b><u>\$ 29,500</u></b>	<b>0%</b>
<b>5400</b>	<b><u>Rents &amp; Leases</u></b>				
01-45-0000-5420	Office Equipment Rental				
	Postage Meter	\$ 500	\$ 500	\$ 500	0%
	Copier Lease/Maintenance Contract	\$ 11,000	\$ 10,500	\$ 11,000	0%
		<u>\$ 11,500</u>	<u>\$ 11,000</u>	<u>\$ 11,500</u>	0%
	<b>Total Rents &amp; Leases</b>	<b><u>\$ 11,500</u></b>	<b><u>\$ 11,000</u></b>	<b><u>\$ 11,500</u></b>	<b>0%</b>

**Leucadia Wastewater District  
Administrative Services  
Fiscal Year 2020 Operating Budget  
Expense Detail**

<u>Acct #</u>	<u>Description</u>	<u>FY 2019 Budget</u>	<u>FY 2019 Projected</u>	<u>FY 2020 Budget</u>	<u>% Change Bud to Bud</u>
<b>5500</b>	<b><u>Repair &amp; Maintenance</u></b>				
01-45-0000-5570	Office Equipment Repair & Maintenance				
	Telephone Equipment	\$ 500	\$ 100	\$ 500	0%
	Computers, Printers, Fax	\$ 1,000	\$ -	\$ 1,000	0%
	<b>Total Repairs &amp; Maintenance</b>	<b>\$ 1,500</b>	<b>\$ 100</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	\$ 37,700	\$ 35,000	\$ 37,700	0%
01-45-0000-5720	Mileage & Transportation	\$ 300	\$ 100	\$ 100	-67%
01-45-0000-5735	Employee Recognition	\$ 7,000	\$ 6,500	\$ 7,000	0%
01-45-0000-5740	Meeting Supplies	\$ 2,000	\$ 1,800	\$ 2,000	0%
	<b>Total Travel &amp; Conferences</b>	<b>\$ 47,000</b>	<b>\$ 43,400</b>	<b>\$ 46,800</b>	<b>0%</b>
<b>5900</b>	<b><u>Utilities</u></b>				
01-45-0000-5910	Telephone				
	Answering Service	\$ 1,100	\$ 1,100	\$ 1,100	0%
	Elevator/Emergency Phone Service	\$ 2,600	\$ 2,500	\$ 2,600	0%
	Telephone/Internet Service	\$ 18,000	\$ 18,000	\$ 18,000	0%
	Cellular Phone Service	\$ 12,300	\$ 12,000	\$ 13,000	6%
	Web Page Hosting	\$ 1,800	\$ 1,800	\$ 2,000	11%
	<b>Total Utilities</b>	<b>\$ 35,800</b>	<b>\$ 35,400</b>	<b>\$ 36,700</b>	<b>3%</b>
<b>6000</b>	<b><u>Unclassified</u></b>				
01-45-0000-6100	LAFCO Operations	\$ 7,500	\$ 7,500	\$ 7,700	3%
	<b>Total Unclassified</b>	<b>\$ 7,500</b>	<b>\$ 7,500</b>	<b>\$ 7,700</b>	<b>3%</b>
<b>TOTAL ADMINISTRATION EXPENSES</b>		<b>\$ 742,000</b>	<b>\$ 697,600</b>	<b>\$ 698,400</b>	<b>-6%</b>



# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2020 BUDGET DEVELOPMENT

## Program Overview:

The FY20 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. 136 stipulates that expenses for new development are to be paid for by the developer. Towards this end, the Development Budget consists of the following components:

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

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



**Leucadia Wastewater District  
Development Services  
Fiscal Year 2020 Operating Budget  
Expense Summary**

Account	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
<b>Development Expenses:</b>					
Labor:					
	Salaries & Benefits	\$ 5,220	\$ 6,200	\$ 6,643	27%
Non-Labor Expenses:					
5200	Professional Services				
5210	District Engineering Services	\$ 100,000	\$ 60,000	\$ 80,000	-20%
5220	Legal Services	\$ 4,000	\$ 2,000	\$ 4,000	0%
5221	LAFCO Fees - Annexation	\$ 9,000	\$ 9,000	\$ 9,000	0%
5222	State Board - Annexation Fees	\$ 900	\$ 900	\$ 900	0%
	<b>Total Professional Services</b>	<b>\$ 113,900</b>	<b>\$ 71,900</b>	<b>\$ 93,900</b>	<b>-18%</b>
	<b>Total Development Expenses</b>	<b>\$ 119,120</b>	<b>\$ 78,100</b>	<b>\$ 100,543</b>	<b>-16%</b>

# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2020 CAPITAL BUDGET CAPITAL ACQUISITIONS

## Program Overview:

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

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

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



For the Wastewater Facilities, key components of the FY20 Capital Acquisition Program include the purchases of a new vactor combination truck, two new pickup trucks, a new emergency portable by-pass pump, two new emergency portable generators, and replacement of critical sewer maintenance equipment. The two key components of the Recycled Water Facilities are to install a new chemical metering pump and to rebuild the effluent pump.

**Leucadia Wastewater District  
Fiscal Year 2020 Capital Budget  
Capital Acquisition Expense Summary**

Account	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
<b>Wastewater (LWD Facilities)</b>					
6310	Vehicle Acquisition	\$ 74,000	\$ 97,899	\$ 529,000	615%
6320	Buildings & Grounds	\$ 30,000	\$ 32,133	\$ 91,500	205%
6350	Sewer Maintenance Equipment	\$ 382,600	\$ 64,048	\$ 368,300	-4%
6360	Office Equipment	\$ -	\$ -	\$ 9,000	100%
6380	Pump Station Equipment	\$ 14,000	\$ 15,100	\$ 71,700	412%
<b>Wastewater (Batiquitos Facilities)</b>					
6380	Bat. Pump Station Equipment	\$ 14,000	\$ 44,500	\$ 43,500	211%
<b>Total Wastewater Facilities</b>		<u>\$ 514,600</u>	<u>\$ 253,680</u>	<u>\$ 1,113,000</u>	116%
<b>Recycled Water</b>					
6390	AWT Equipment	\$ 5,500	\$ 4,957	\$ 40,600	638%
<b>Total Recycled Water Facilities</b>		<u>\$ 5,500</u>	<u>\$ 4,957</u>	<u>\$ 40,600</u>	638%
<b>Total Capital Acquisitions</b>		<u>\$ 520,100</u>	<u>\$ 258,637</u>	<u>\$ 1,153,600</u>	122%

**Leucadia Wastewater District  
Fiscal Year 2020 Capital Budget  
Capital Acquisition Expense Detail**

Acct #	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
<b>6300</b>	<b>Capital Acquisitions</b>				
<b>Wastewater (Leucadia Facilities)</b>					
50-99-0000- 6310	Vehicle Acquisition				
	Golf Cart	\$ 9,000	\$ 8,700	\$ -	-100%
	3/4 Ton Pickup Truck (Chase)	\$ 65,000	\$ 58,399	\$ -	-100%
	1/2 Ton Pickup Truck	\$ -	\$ 30,800	\$ -	100%
	3/4 ton Pickup Truck (On call)	\$ -	\$ -	\$ 65,000	100%
	Vactor Truck Replacement	\$ -	\$ -	\$ 433,000	100%
	1/2 Ton Pickup Truck (Mark out)	\$ -	\$ -	\$ 31,000	100%
	<b>Subtotal Vehicle Acquisition</b>	<b>\$ 74,000</b>	<b>\$ 97,899</b>	<b>\$ 529,000</b>	<b>615%</b>
50-99-0000- 6320	Buildings & Grounds				
	HVAC Rehabilitation	\$ 30,000	\$ 25,133	\$ 70,000	133%
	Landscape Refurbishment	\$ -	\$ 7,000	\$ -	100%
	Security Cameras	\$ -	\$ -	\$ 13,000	100%
	Replace Rain Gutters	\$ -	\$ -	\$ 8,500	100%
	<b>Subtotal Buildings &amp; Grounds</b>	<b>\$ 30,000</b>	<b>\$ 32,133</b>	<b>\$ 91,500</b>	<b>205%</b>
50-99-0000- 6350	Sewer Maintenance Equipment				
	Vactor Nozzle Kit	\$ 5,000	\$ 5,000	\$ 5,000	0%
	Replace CCTV Equipment	\$ 20,000	\$ 18,775	\$ 20,000	0%
	Critical Inventory (Domes/Rings/Couplings)	\$ 16,000	\$ 15,000	\$ 16,000	0%
	Emergency By-pass to Replace Big Blue	\$ 185,000	\$ 5,955	\$ 185,000	0%
	Microsoft Surface Pro Tablets (9)	\$ 14,000	\$ 13,343	\$ -	-100%
	Emergency (2) Portable Generators	\$ 136,100	\$ -	\$ 136,100	0%
	Replace 2 Gas Monitors	\$ 6,500	\$ 5,975	\$ 6,200	-5%
	<b>Subtotal Sewer Maintenance Equipment</b>	<b>\$ 382,600</b>	<b>\$ 64,048</b>	<b>\$ 368,300</b>	<b>-4%</b>
50-99-0000- 6360	Office Equipment				
	Back up SCADA Server	\$ -	\$ -	\$ 9,000	100%
	<b>Subtotal Office Equipment</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 9,000</b>	<b>100%</b>
50-99-0000- 6380	Pump Station Equipment				
	Install Pump Deragger Controllers at PSs	\$ 14,000	\$ 15,100	\$ 30,600	119%
	Rebuilt Muffin Monster	\$ -	\$ -	\$ 32,100	100%
	ATS Generator switch for VP 5 PS	\$ -	\$ -	\$ 9,000	100%
	<b>Subtotal Pump Station Equipment</b>	<b>\$ 14,000</b>	<b>\$ 15,100</b>	<b>\$ 71,700</b>	<b>412%</b>

**Leucadia Wastewater District  
Fiscal Year 2020 Capital Budget  
Capital Acquisition Expense Detail**

Acct #	Description	FY 2019 Budget	FY 2019 Projected	FY 2020 Budget	% Change Bud to Bud
<b>Wastewater (Batiquitos Joint Facilities)</b>					
50-99-0022- 6380	Pump Station Equipment				
	Vaughan Chopper Pump	\$ 21,200	\$ 34,000	\$ -	-100%
	Chopper Pump Control Panel	\$ 12,300	\$ 10,500	\$ -	-100%
	Replace Generator Exhaust Muffler	\$ -	\$ -	\$ 18,500	100%
	Makeup Air Fan Replacement	\$ -	\$ -	\$ 25,000	100%
	<b>Subtotal Batiquitos Joint Facilities Equipment</b>	<b>\$ 33,500</b>	<b>\$ 44,500</b>	<b>\$ 43,500</b>	30%
<b>TOTAL WASTEWATER FACILITIES</b>		<b>\$ 534,100</b>	<b>\$ 253,680</b>	<b>\$ 1,113,000</b>	108%
<b>Recycled Water Facilities</b>					
50-99-0019- 6390	AWT Equipment				
	Chemical Metering Pump	\$ 5,500	\$ 4,957	\$ 5,100	-7%
	EEPS - Replace AC Unit	\$ -	\$ -	\$ 8,000	100%
	Rebuild Effluent Pump	\$ -	\$ -	\$ 20,000	100%
	Replace Makeup Air & Supply Fan	\$ -	\$ -	\$ 7,500	100%
	<b>Subtotal AWT Equipment</b>	<b>\$ 5,500</b>	<b>\$ 4,957</b>	<b>\$ 40,600</b>	638%
<b>TOTAL RECYCLED WATER FACILITIES</b>		<b>\$ 5,500</b>	<b>\$ 4,957</b>	<b>\$ 40,600</b>	638%
<b>Total Capital Acquisitions</b>		<b>\$ 539,600</b>	<b>\$ 258,637</b>	<b>\$ 1,153,600</b>	114%

**LEUCADIA WASTEWATER DISTRICT  
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS SUMMARY  
FISCAL YEAR 2020**

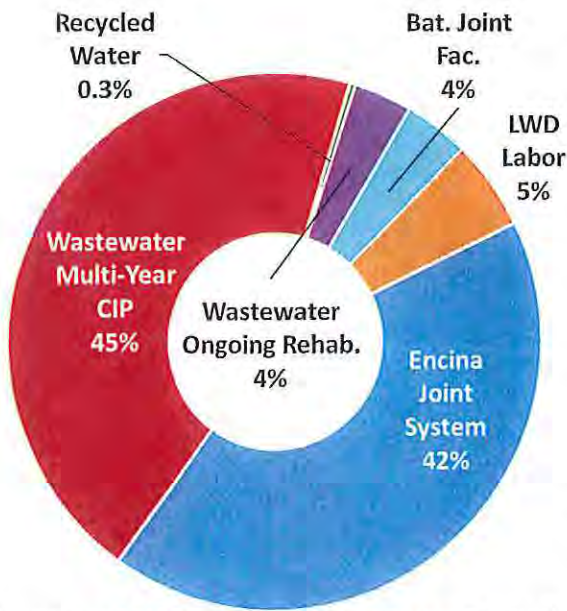
Location Code	Projects	Prior Appropriations 1	Projected Cumulative Expenditures 2	Projected Remaining Appropriations 3 = (1 - 2)	Projected Carryover 4	FY 2020 Appropriation 5	Projected Remaining CIP Appropriation 6 =(4 + 5)
<b>Wastewater Program</b>							
<i>Leucadia Facilities Multi-year CIP:</i>							
0358	Leucadia Pump Station Rehabilitation	\$ 1,439,000	\$ 349,000	\$ 1,090,000	\$ 1,090,000	\$ 2,116,800	\$ 3,206,800
0364	Encinitas Estates Pump Station Replacement	\$ 1,195,000	\$ 1,500	\$ 1,193,500	\$ 1,193,500	\$ -	\$ 1,193,500
0365	Orchard Wood Rd. Sewer Rehabilitation	\$ 408,000	\$ 60,200	\$ 347,800	\$ 347,800	\$ 385,500	\$ 733,300
0371	FY2020 Gravity Pipeline Rehab/Quebrada Realign	\$ -	\$ -	\$ -	\$ -	\$ 1,175,000	\$ 1,175,000
0372	Diana Pump Station Upgrade	\$ -	\$ -	\$ -	\$ -	\$ 162,800	\$ 162,800
	<b>Leucadia Multi-year CIP Total:</b>	<b>\$ 3,042,000</b>	<b>\$ 410,700</b>	<b>\$ 2,631,300</b>	<b>\$ 2,631,300</b>	<b>\$ 3,840,100</b>	<b>\$ 6,471,400</b>
<i>Leucadia Facilities Ongoing Rehabilitation:</i>							
0077	Misc. Pipeline/Manhole/PS Rehabilitation	\$ 150,000	\$ 89,300	\$ 60,700	n/a	\$ 202,500	\$ 202,500
0323	Lateral Repl. / Backflow Preventer Program	\$ 102,000	\$ 35,500	\$ 66,500	n/a	\$ 102,000	\$ 102,000
	<b>Leucadia Rehab Total:</b>	<b>\$ 252,000</b>	<b>\$ 124,800</b>	<b>\$ 127,200</b>	<b>n/a</b>	<b>\$ 304,500</b>	<b>\$ 304,500</b>
<i>Batiquitos Joint Facilities:</i>							
0361	Poinsettia Station Gravity Pipeline Project	\$ 1,040,000	\$ 848,400	\$ 191,600	\$ 191,600	\$ -	\$ 191,600
0374	Batiquitos FM (B3) Discharge Section Repl.	\$ 193,500	\$ 27,760	\$ 165,740	\$ 165,740	\$ 342,000	\$ 507,740
	<b>Jointly-Owned Facilities Total:</b>	<b>\$ 1,233,500</b>	<b>\$ 876,160</b>	<b>\$ 357,340</b>	<b>\$ 357,340</b>	<b>\$ 342,000</b>	<b>\$ 699,340</b>
0072	<i>Encina Joint System:</i>						
	Capital Improvement Projects	\$ 8,536,517	\$ 5,529,573	\$ 3,006,944	\$ 3,006,944	\$ 3,411,458	\$ 6,418,402
	Planned Asset Replacement	\$ 154,902	\$ 154,902	\$ -	n/a	\$ 162,479	\$ 162,479
	Capital Acquisitions	\$ 50,652	\$ 50,652	\$ -	n/a	\$ 57,305	\$ 57,305
	<b>EWA Capital Program Total</b>	<b>\$ 8,742,071</b>	<b>\$ 5,735,127</b>	<b>\$ 3,006,944</b>	<b>\$ 3,006,944</b>	<b>\$ 3,631,242</b>	<b>\$ 6,638,186</b>
<b>Recycled Water Program</b>							
<i>Recycled Water Projects:</i>							
0328	North SD Water Reuse Coalition Project	\$ 348,000	\$ 283,000	\$ 65,000	\$ 65,000	\$ 29,500	\$ 94,500
0367	B1 Force Main - North Section Replacement	\$ 526,500	\$ 24,300	\$ 502,200	\$ 502,200	\$ -	\$ 502,200
	<b>Recycled Water Program Total</b>	<b>\$ 874,500</b>	<b>\$ 307,300</b>	<b>\$ 567,200</b>	<b>\$ 567,200</b>	<b>\$ 29,500</b>	<b>\$ 596,700</b>
0302	Professional Services	\$ 5,000	\$ 4,000	\$ 1,000	n/a	\$ 25,000	\$ 25,000
0499	LWD Labor	\$ 382,962	\$ 375,000	\$ 7,962	n/a	\$ 465,849	\$ 465,849
	<b>CAPITAL PROGRAM TOTAL</b>	<b>\$ 14,532,033</b>	<b>\$ 7,833,087</b>	<b>\$ 6,698,946</b>	<b>\$ 6,562,784</b>	<b>\$ 8,638,191</b>	<b>\$ 15,200,975</b>

# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2020 CAPITAL BUDGET CAPITAL IMPROVEMENT PROGRAM

## Program Overview

The Capital Improvement Program (CIP) represents a plan for all improvements to the existing Leucadia Wastewater District's (LWD) infrastructure and facilities, including additions, replacement and rehabilitation. The Asset Management Plan (AMP) serves as the District's infrastructure replacement and rehabilitation plan. Included with 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 2037. 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 2020 (FY20) CIP continues the capital budgeting approach established in FY04. The funds appropriated in prior fiscal years for certain CIP projects, that have not been expended, will be carried over into FY20. The purpose of the carryover is twofold: 1) to avoid re-budgeting the same funds for those projects that will overlap fiscal years and 2) to allow better financial management of the CIP. Prior appropriations will be carried over for only those identified CIP projects that have a finite life and not for annual unspecified rehabilitation or repair projects, professional services or LWD Labor. The FY20 Budget includes carryover appropriations for the Leucadia Pump Station Rehabilitation, Encinitas Estates Pump Station Replacement, Orchard Wood Road Sewer Rehabilitation, Poinsettia Station Gravity Pipeline Project, Batiquitos (B3) Force Main Discharge Section Replacement, Encina Capital Improvement Projects, North San Diego Water Reuse Coalition (NSDWRC) and the B1 Force Main North Section Replacement Projects. Additional appropriations are added in FY20 for the continued construction of FY19 projects which include the Leucadia Pump Station Rehabilitation, Orchard Wood Road Sewer Rehabilitation, Batiquitos (B3) Force Main Discharge Section Replacement and North San Diego Water Reuse Coalition (NSDWRC) Projects. In addition, new appropriations are included for a FY20 Gravity Pipeline Rehabilitation and Diana Pump Station Upgrade Projects.



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

extension of LWD staff. LWD Labor reflects the level of staff effort needed to implement and administer the CIP. The pie chart summarizes the costs associated with each of the components. The following pages summarize the specific CIP Projects that are ongoing or proposed for FY20.



# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2020 CAPITAL BUDGET CAPITAL IMPROVEMENT PROGRAM DETAIL SUMMARY

## *Wastewater Enterprise Multi-year CIP*

### **Leucadia Pump Station Rehabilitation (Location Code No. 0358)**

In 2014 Infrastructure Engineering Corporation (IEC) completed the District's pump station assessment and recommended that improvements be constructed for the Leucadia Pump Station. In September 2016, IEC commenced design of the project. As project design progressed, staff discovered extremely high levels of hydrogen sulfide (H<sub>2</sub>S) at the discharge end of the Leucadia (L2) Force Main. Staff and District Engineer (DE) Wilson evaluated and field tested several operational adjustments to reduce the H<sub>2</sub>S level. However, no significant H<sub>2</sub>S reduction resulted from the field tests. At that time it was determined that an evaluation and redesign of the mechanical system was required to reduce the H<sub>2</sub>S levels. As a result, the project transformed into a major pump station rehabilitation project requiring revision of the original project scope to include evaluation and replacement of the pumps, piping, discharge header and check valve configuration. It should be noted that the last major rehabilitation of LPS was completed in July 2006. As project design continued, staff decided to add a permanent submersible pump in the Emergency Overflow Basin and a super-oxygenation system for H<sub>2</sub>S / odor control to the pump station. These additions have increased the scope of design and estimated cost of construction for the project. The appropriation is needed to complete the design and provide initial construction funding for the project. It is anticipated that additional construction funds will be budgeted in FY21 to complete construction.



**FY20 Total Appropriations**

**\$2,116,800**

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

The Asset Management Plan (AMP) recommended that a pump station condition assessment be completed to evaluate all components (controls, electrical, mechanical, and structural) of all District pump stations. IEC completed the pump station assessment and recommended that the Encinitas Estates Pump Station be replaced with a submersible pump station. Replacing the Smith and Loveless packaged pump station with a submersible pump station will improve operations and maintenance accessibility and provide a safer environment for field services staff. Project design has been deferred until the completion of the design phase for the Leucadia Pump Station Rehabilitation project. No additional appropriation is needed for FY20.

**FY20 Total Appropriations**

**None**

### **Orchard Wood Road Line Repair Project (Location Code 0365)**



The gravity pipeline, in an easement at the end of Orchard Wood Road in the City of Encinitas, has a major sag which causes a significant amount of grit and grease to accumulate in the line. This line segment is on the Special Maintenance Activity (SMA) list and requires frequent cleaning. The segment is listed as a top priority line on the Repair Priority List. However, the easement is located in an environmentally sensitive area surrounding Encinitas Creek, south and east of the intersection of El Camino Real and Olivenhain Road. The

project will use trenchless technology to install the replacement pipeline to avoid disturbing the Encinitas Creek environment. Additionally, a pipeline in Willowhaven Road will be extended to abandon additional segments and manholes adjacent to the creek. The additional FY20 appropriation is for design and construction of the project.

**FY20 Total Appropriations**

**\$385,500**

**FY2020 Gravity Pipeline Rehabilitation Project (Location Code No. 0371)**

Field Service Staff continues CCTV inspections of the collection system. As a result, significant defects are continuously being discovered in numerous pipeline segments that require rehabilitation or repair to prevent Sanitary Sewer Overflows (SSO). Staff uses the Repair Priority List to maintain a listing of gravity pipeline and manhole defects requiring repair or rehabilitation.

The FY20 Gravity Pipeline Rehabilitation Project will consist of open trench construction to correct 11 defects discovered during CCTV inspections and to realign the Quebrada line. The realignment of the Quebrada line is a high priority because that line has major sags resulting in heavy grit and grease accumulation. The replacement will facilitate the abandonment of the deficient line and significantly improve maintenance operations. The FY20 appropriation is for project design and construction.



**FY20 Total Appropriations**

**\$1,175,000**

**Diana Pump Station Upgrade (Location Code No. 0372)**

The Diana Pump Station was constructed as a submersible pump station in 2010. The 2018 AMP recommended that an upgrade of the pump station be completed to include pump control upgrade, replacement of the main breaker and pump replacement. Currently, the pump station does not have an emergency generator for operation during a loss of power. The installation of an emergency generator for the pump station will be assessed. If deemed viable, the installation of the generator will be included in the project. The FY20 appropriation is to conduct the preliminary design review and for project design.

**FY20 Total Appropriations**

**\$162,800**

***Wastewater Enterprise Ongoing Rehabilitation***

**Miscellaneous Pipeline Rehabilitation (Location Code No. 0077)**

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

**FY20 Total Appropriations**

**\$202,500**

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

In a typical sewer collection system, broken/leaking laterals are responsible for 30% to 70% of Inflow and Infiltration (I&I). This represents a potential for significantly decreasing the capacity of the sewer mains and treatment plant, resulting in sewer spills, beach closures, house flooding, and National Pollutant Discharge Elimination System (NPDES) violations. Therefore, eliminating I&I through repair/replacement

of damaged/leaking private laterals ensures collection system integrity and protects public health. Additionally, although most builders comply with the Uniform Plumbing Code requirement to install back flow prevention devices in house laterals where the lowest drain is lower than the rim of the upstream manhole, homes built before 2000 either do not have these devices or the devices no longer work properly due to poor or no maintenance. The implementation of a District re-imbursement program, of up to \$3000 per residence, for lateral replacement and backflow preventer installation is an effective and efficient way to ensure public health and safety and for environmental protection.

**FY20 Total Appropriations**

**\$102,000**

***Batiquitos Jointly Owned Facilities***

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

SANDAG’s Poinsettia Station Improvements (POSI) Project is currently under construction. Improvement to the underground utilities was completed in the initial phase of construction. The improvement to District infrastructure included the extension of the protective casements surrounding the Lanikai Trunk Sewer and Secondary Effluent Force Main (B1) which run under the train tracks. Additionally, SANDAG allowed the District to install a second parallel encased gravity pipeline under the tracks as part of the project. The construction is being done by SANDAG’s selected contractor, Flatiron/H&H (Joint Venture). Work on the underground facilities is complete and the assets are in operation. However, surface grading and manhole finishing work needs to be completed. No additional appropriation is required for FY20.



**FY20 Total Appropriations**

**None**

**Batiquitos FM (B3) Discharge Section Replacement (Location Code No. 0374)**



In the recent past, the District has completed two force main replacement projects. During the construction of these projects it was observed that the ends of the metallic force mains sustained significant internal corrosion due to exposure to air when the flow transitions from pressurized to gravity. Based on this observation, Staff believes it is prudent to replace the end of the Batiquitos (B3) Force Main before it fails due to corrosion. Funds appropriated in FY 19 were for the design and start of construction. The FY20 appropriation is needed to increase construction funding to the full estimated construction cost.

**FY20 Total Appropriations**

**\$342,000**

***Encina Joint System***

**EWA Capital Program (Location Code No. 0072)**

This account includes prorated appropriations, based on the LWD’s ownership of the EWA Joint System, required to fund its Capital Program costs. The District’s prorated budget is estimated based on a factor of 16.8% for LWD’s weighted ownership of the EWA Unit I (Plant), and 16.42% for LWD’s ownership of 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 FY20 EWA budget includes funding for the FY20 Major Rehabilitation Projects, Planned Asset Replacement, Capital Acquisition, EWA Labor, and Professional Services. LWD's portion of this work totals \$3,631,242 with \$3,411,458 for Capital Projects, \$162,479 for Planned Asset Replacement and \$57,305 for Capital Acquisitions.

**FY20 Total Appropriations** **\$3,631,242**

***Recycled Water Facilities***

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



The District is one of ten agencies that participate in the NSDWRCP. The first phase of the project was to complete a study to assist North San Diego County water and wastewater agencies to identify the benefits of regionalizing their existing systems and planned reclamation projects to further maximize the production and use of recycled water. The study identified new local and regional recycled water projects that will provide additional recycled water supplies to the local water agencies beyond what they could produce or utilize individually. The individual projects were combined into the NSDWR Regional Recycled Water Project (Project). The Project

and the associated Feasibility Study is being used to apply for US Bureau of Reclamation Title XVI grant funds, San Diego Integrated Regional Water Management Proposition 84 grant funding and Water Resources Reform and Development Act funding for the construction of various recycled water facilities identified in the study within each of the north county agencies. The lobbying contract has been executed with BlueWater Strategies (formerly The Furman Group) to lobby for the Title XVI and WRDA funds. The FY20 appropriation is needed to continue the District's participation in the Coalition.

**FY20 Total Appropriations** **\$29,500**

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

In October 2016, the Secondary Effluent Force Main (B1) that transports secondary effluent from the Encina Water Pollution Control Facility back to the Gafner Advanced Water Treatment Facility (Gafner) failed. The B1 is a 16-inch ductile iron pipe. The failure occurred on Encina Wastewater Authority's property. Approximately 40 feet of the force main was repaired. The removed section was evaluated by RFYeager Engineering, corrosion engineers. The evaluation determined that there is a likelihood that internal corrosion has occurred in the adjacent sections of pipe and there is a high risk of future failures occurring. This project will replace approximately 850 feet of the B1 from the effluent pump station to just beyond the October 2016 failure point. The design has been completed and the project is being submitted for grant funding as part of the North San Diego Water Reuse Coalition project. No additional appropriation is needed for FY20.

**FY20 Total Appropriations** **None**

***Professional Services (Location Code No. 0302)*** **\$25,000**

***LWD Labor (Location Code No. 0499)*** **\$465,849**

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<b>TOTAL NEW FY20 CIP APPROPRIATIONS</b>	<b>\$ 8,638,191</b>
<b>TOTAL PRIOR YEAR CARRYOVER</b>	<b><u>\$ 6,562,784</u></b>
<b>TOTAL CIP APPROPRIATIONS</b>	<b><u>\$ 15,200,975</u></b>

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**LEUCADIA WASTEWATER DISTRICT  
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS  
FISCAL YEAR 2020**

Description	Account No.	FY 2019 Budget	FY 2020 Budget	Cost Allocation Growth	Replacement
<b>Leucadia Facilities Multi-year Projects</b>					
<b>Leucadia Pump Station Rehabilitation</b>	<b>0358</b>			<b>7%</b>	<b>93%</b>
Direct Labor	50-51-0358-4110	\$ 20,000	\$ 10,000	\$ 700	\$ 9,300
Consultant Engineering Services-Design	50-51-0358-5211	\$ 233,200	\$ 135,800	\$ 9,506	\$ 126,294
Office Engineering	50-51-0358-5211	\$ 116,600	\$ -	\$ -	\$ -
Construction Management	50-51-0358-5212	\$ 242,200	\$ 55,000	\$ 3,850	\$ 51,150
District Engineering Services	50-51-0358-5213	\$ 20,000	\$ 15,000	\$ 1,050	\$ 13,950
Permitting/Environmental	50-51-0358-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0358-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0358-5220	\$ -	\$ 1,000	\$ 70	\$ 930
Construction	50-51-0358-6499	\$ 500,000	\$ 1,900,000	\$ 133,000	\$ 1,767,000
<b>Total Leucadia Pump Station Rehabilitation</b>		<b>\$ 1,132,000</b>	<b>\$ 2,116,800</b>	<b>\$ 148,176</b>	<b>\$ 1,968,624</b>
<b>Encinitas Estates Pump Station Replacement</b>	<b>0364</b>			<b>8%</b>	<b>92%</b>
Direct Labor	50-51-0364-4110	\$ -	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0364-5211	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0364-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0364-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0364-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0364-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0364-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0364-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0364-6499	\$ -	\$ -	\$ -	\$ -
<b>Total Encinitas Estates Pump Station Replacement</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ 0</b>	<b>\$ -</b>
<b>Orchard Wood Rd. Sewer Rehabilitation</b>	<b>0365</b>			<b>0%</b>	<b>100%</b>
Direct Labor	50-51-0365-4110	\$ 2,000	\$ 1,000	\$ -	\$ 1,000
Consultant Engineering Services-Design	50-51-0365-5211	\$ 27,000	\$ 45,000	\$ -	\$ 45,000
Office Engineering	50-51-0365-5211	\$ 11,400	\$ 23,000	\$ -	\$ 23,000
Construction Management	50-51-0365-5212	\$ 31,200	\$ 17,000	\$ -	\$ 17,000
District Engineering Services	50-51-0365-5213	\$ 2,500	\$ 2,500	\$ -	\$ 2,500
Permitting/Environmental	50-51-0365-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0365-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0365-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0365-6499	\$ 139,200	\$ 297,000	\$ -	\$ 297,000
<b>Total Orchard Wood Rd. Sewer Rehabilitation</b>		<b>\$ 213,300</b>	<b>\$ 385,500</b>	<b>\$ -</b>	<b>\$ 385,500</b>
<b>FY2020 Gravity Pipeline Rehab/Quebrada Realign</b>	<b>0371</b>			<b>0%</b>	<b>100%</b>
Direct Labor	50-51-0371-4110	\$ -	\$ 10,000	\$ -	\$ 10,000
Consultant Engineering Services-Design	50-51-0371-5211	\$ -	\$ 50,000	\$ -	\$ 50,000
Office Engineering	50-51-0371-5211	\$ -	\$ 25,000	\$ -	\$ 25,000
Construction Management	50-51-0371-5212	\$ -	\$ 65,000	\$ -	\$ 65,000
District Engineering Services	50-51-0371-5213	\$ -	\$ 5,000	\$ -	\$ 5,000
Permitting/Environmental	50-51-0371-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0371-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0371-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0371-6499	\$ -	\$ 1,020,000	\$ -	\$ 1,020,000
<b>Total FY2020 Gravity Pipeline Rehab/Quebrada Realign</b>		<b>\$ -</b>	<b>\$ 1,175,000</b>	<b>\$ -</b>	<b>\$ 1,175,000</b>
<b>Diana Pump Station Upgrade</b>	<b>0372</b>			<b>17%</b>	<b>83%</b>
Direct Labor	50-51-0372-4110	\$ -	\$ 3,000	\$ 510	\$ 2,490
Consultant Engineering Services-Design	50-51-0372-5211	\$ -	\$ 144,000	\$ 24,480	\$ 119,520
Office Engineering	50-51-0372-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0372-5212	\$ -	\$ 10,800	\$ 1,836	\$ 8,964
District Engineering Services	50-51-0372-5213	\$ -	\$ 5,000	\$ 850	\$ 4,150
Permitting/Environmental	50-51-0372-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0372-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0372-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0372-6499	\$ -	\$ -	\$ -	\$ -
<b>Total Diana Pump Station Upgrade</b>		<b>\$ -</b>	<b>\$ 162,800</b>	<b>\$ 27,676</b>	<b>\$ 135,124</b>

**LEUCADIA WASTEWATER DISTRICT  
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS  
FISCAL YEAR 2020**

Description	Account No.	FY 2019		FY 2020		Cost Allocation	
		Budget	Budget	Growth	Replacement		
<b>Leucadia Facilities Ongoing Rehabilitation</b>							
<b>Misc. Pipeline/Manhole/Pump Station Repair</b>	<b>0077</b>			<b>0%</b>	<b>100%</b>		
Direct Labor	50-51-0077-4110	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Design	50-51-0077-5211	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0077-5212	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
District Engineering Services	50-51-0077-5213	\$ -	\$ 2,500	\$ -	\$ -	\$ -	\$ 2,500
Environmental	50-51-0077-5214	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0077-5216	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Romac Couplings (Inventory)	50-51-0077-6498	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction (pipeline)	50-51-0077-6499	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
Construction (manhole)	50-51-0077-6499	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000
Construction (pump station)	50-51-0077-6499	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000
Manhole Raising (Encinitas Overlay Project)	50-51-0077-6499	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Misc. Pipeline/Manhole/Pump Station Repair</b>		<b>\$ 150,000</b>	<b>\$ 202,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 202,500</b>
<b>Lateral Repl / Backflow Preventer Program</b>	<b>0323</b>			<b>0%</b>	<b>100%</b>		
Direct Labor	50-51-0323-4110	\$ 2,000	\$ 2,000	\$ -	\$ -	\$ -	\$ 2,000
Program costs	50-51-0323-6499	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
<b>Total Lateral Repl / Backflow Preventer Program</b>		<b>\$ 102,000</b>	<b>\$ 102,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 102,000</b>
<b>Batiquitos Joint Facilities</b>							
<b>Poinsettia Station Gravity Pipeline Project</b>	<b>0361</b>			<b>50%</b>	<b>50%</b>		
Direct Labor	50-51-0361-4110	\$ 7,000	\$ -	\$ -	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0361-5211	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0361-5211	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0361-5212	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0361-5213	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0361-5214	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0361-5216	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0361-5220	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0361-6499	\$ 237,000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Poinsettia Station Gravity Pipeline Project</b>		<b>\$ 259,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Batiquitos FM (B3) Discharge Section Repl</b>	<b>0374</b>			<b>11%</b>	<b>89%</b>		
Direct Labor	50-51-0374-4110	\$ 5,000	\$ 4,000	\$ 440	\$ -	\$ -	\$ 3,560
Consultant Engineering Services-Design	50-51-0374-5211	\$ 54,000	\$ -	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0374-5211	\$ 36,000	\$ -	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0374-5212	\$ 36,000	\$ -	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0374-5213	\$ 2,500	\$ 1,000	\$ 110	\$ -	\$ -	\$ 890
Permitting/Environmental	50-51-0374-5214	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0374-5216	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0374-5220	\$ -	\$ 1,000	\$ 110	\$ -	\$ -	\$ 890
Construction	50-51-0374-6499	\$ 60,000	\$ 336,000	\$ 36,960	\$ -	\$ -	\$ 299,040
<b>Total Batiquitos FM (B3) Discharge Section Repl</b>		<b>\$ 193,500</b>	<b>\$ 342,000</b>	<b>\$ 37,620</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 304,380</b>
<b>Encina Joint Treatment Facility</b>							
<b>Encina Joint Treatment Facilities Capital Program</b>	<b>0072</b>			<b>0%</b>	<b>100%</b>		
<u>Capital Projects</u>							
Direct Labor	50-51-0072-4110	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000
Capital Improvement Projects / Capital Labor	50-51-0072-6420	\$ 3,387,246	\$ 3,401,458	\$ -	\$ -	\$ -	\$ 3,401,458
<b>Total Capital Projects</b>		<b>\$ 3,397,246</b>	<b>\$ 3,411,458</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,411,458</b>
Planned Asset Replacement & Rehabilitation	50-51-0072-6420	\$ 154,902	\$ 162,479	\$ -	\$ -	\$ -	\$ 162,479
Capital Acquisitions	50-51-0072-6420	\$ 50,652	\$ 57,305	\$ -	\$ -	\$ -	\$ 57,305
<b>Total Encina Joint Treatment Facilities Capital Program</b>		<b>\$ 3,602,800</b>	<b>\$ 3,631,242</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,631,242</b>

**LEUCADIA WASTEWATER DISTRICT  
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS  
FISCAL YEAR 2020**

Description	Account No.	FY 2019 Budget	FY 2020 Budget	Cost Allocation	
				Growth	Replacement
<b>Recycled Water Projects</b>					
<b>North SD Water Reuse Coalition Project</b>	<b>0328</b>			0%	100%
Direct Labor	50-51-0328-4110	\$ 7,000	\$ 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	\$ 4,000	\$ -	\$ 4,000
Legal	50-51-0328-5220	\$ 1,000	\$ 500	\$ -	\$ 500
<b>Total North SD Water Reuse Coalition Project</b>		<b>\$ 33,000</b>	<b>\$ 29,500</b>	<b>\$ -</b>	<b>\$ 29,500</b>
<b>B1 Force Main - Northern Section Replacement</b>	<b>0367</b>			0%	100%
Direct Labor	50-51-0367-4110	\$ 1,000		\$ -	\$ -
Consultant Engineering Services-Design	50-51-0367-5211	\$ -		\$ -	\$ -
Office Engineering	50-51-0367-5212	\$ 10,000		\$ -	\$ -
Construction Management	50-51-0367-5212	\$ 10,000		\$ -	\$ -
District Engineering Services	50-51-0367-5213	\$ 5,000		\$ -	\$ -
Permitting/Environmental	50-51-0367-5214	\$ -		\$ -	\$ -
Public Outreach	50-51-0367-5216	\$ -		\$ -	\$ -
Legal	50-51-0367-5220	\$ 500		\$ -	\$ -
Construction	50-51-0367-6499	\$ 110,000		\$ -	\$ -
<b>Total B1 Force Main - Northern Section Replacement</b>		<b>\$ 136,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Professional Services</b>	<b>0302</b>				
District Engineering Services	50-51-0302-5213	\$ 5,000	\$ 25,000	\$ -	\$ 25,000
<b>Total Professional Services</b>		<b>\$ 5,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ 25,000</b>
<b>LWD Labor</b>	<b>0499</b>				
Direct Labor	50-51-0499-4110	\$ 223,278	\$ 286,821	\$ -	\$ 286,821
Administration Labor	50-51-0499-6995	\$ 159,684	\$ 179,028	\$ -	\$ 179,028
<b>Total LWD Labor</b>		<b>\$ 382,962</b>	<b>\$ 465,849</b>	<b>\$ -</b>	<b>\$ 465,849</b>
<b>TOTAL CIP PROGRAM</b>		<b>\$ 6,210,062</b>	<b>\$ 8,638,191</b>	<b>\$ 213,472</b>	<b>\$ 8,424,719</b>

Total Direct Labor           \$   331,821  
Total District Engineering Services   \$    60,000