

# Leucadia Wastewater District

## Fiscal Year 2021

# Proposed Budget



**LEUCADIA**  
WASTEWATER  
DISTRICT

LEADERS IN  
ENVIRONMENTAL  
PROTECTION

Leucadia Wastewater District

1960 La Costa Ave  
Carlsbad, Ca 92009

760.753.0155  
[www.lwwd.org](http://www.lwwd.org)

# LEUCADIA WASTEWATER DISTRICT

## FISCAL YEAR 2021 **PROPOSED** BUDGET

### BOARD OF DIRECTORS

ALLAN JULIUSSEN, PRESIDENT  
DON OMSTED, VICE PRESIDENT  
JUDY HANSON, DIRECTOR  
ELAINE SULLIVAN, DIRECTOR  
DAVID KULCHIN, 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  
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[www.lwwd.org](http://www.lwwd.org)

# LEUCADIA WASTEWATER DISTRICT

## FISCAL YEAR 2021 BUDGET

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June 4, 2020

Leucadia Wastewater District  
Board of Directors

Honorable President and Members of the Board of Directors:

I am pleased to submit the Fiscal Year 2021 (FY21) 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 FY21 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 FY21 Budget includes a Development Services expense budget that is fully funded by developer deposits. The key elements of the FY21 Budget are summarized as follows:

## REVENUES AND OTHER FUNDS

Funds available for FY21 total approximately \$16.7 million, of which \$14.1 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	\$ 10,879,991	77%
Recycled Water Sales	350,000	2%
Property Taxes	1,870,000	13%
Capacity Fees	305,340	2%
Interest Income	458,000	3%
Developer Fees	101,953	1%
Other	176,000	1%
<b>Total Revenue</b>	<b>\$ 14,141,284</b>	<b>100%</b>
Net Transfers from Reserves	2,514,509	
<b>Total Funds Available</b>	<b>\$ 16,655,793</b>	

Wastewater Operations

Wastewater service charges, of \$10.9 million, is LWD's major funding source, representing 77% of total revenue. Wastewater service charges are expected to increase by \$988,881 due to an increase in the sewer service rate and \$22,339 due to a small increase in the customer base. Property taxes of \$1.9 million, is LWD's second largest revenue source and represents approximately 13% of total revenue. Property taxes are expected to increase about \$80,000 due to increases in property valuations. Investment Income of \$458,000 represents approximately 3% of total income. This is a decrease of \$277,000 from prior year's budget due to the reduction in 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 \$407,293 of total revenue.

Recycled Water Operations

Budgeted recycled water sales revenue of \$350,000, represent about 2% of total revenue. This is in line with the FY20 revenue amount. It is anticipated that there will be no increase in the recycled water rate and customer recycled water consumption will remain the same. The FY21 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 FY21 total \$16.7 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	\$ 7,540,214	45%
Batiquitos Joint Facilities	449,044	3%
Recycled Water Operations	284,880	2%
<b>Total Operating Expenditures</b>	<b>\$ 8,274,138</b>	<b>50%</b>
Development Services	101,953	1%
<b>Total Development Services</b>	<b>\$ 101,953</b>	<b>1%</b>
Capital Acquisitions	739,100	4%
Capital Improvement Projects	7,540,602	45%
<b>Total Capital Expenditures</b>	<b>\$ 8,279,702</b>	<b>50%</b>
<b>Total Expenditures</b>	<b>\$ 16,655,793</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 FY21 Operating Budget, the proposed budgeted expenses for Wastewater Operations are \$8.0 million. This includes LWD's share of the Encina treatment plant expenses of approximately \$2.6 million. This is an increase of approximately \$399,000, or 5%, over the prior year's budget. This is largely due to increases in personnel costs, repairs and maintenance, and administrative overhead.

The FY21 projected operating expenses for the Recycled Water Operations are approximately \$285,000, which is an increase of 16% from the prior year. The increase is due to increased personnel costs and legal costs. The Recycled Water operating expenses remain fully funded through recycled water sales revenue.

LWD's overall Administrative Services Budget will increase approximately \$203,000 or 10% from the FY20 budget. This includes, approximately, a \$89,000 increase in personnel expenses, a \$31,000 increase in insurance expense, a \$17,000 increase in network support, and election costs of \$37,000. 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 a useful life greater than one year. The FY21 Capital Acquisition Program totals \$739,100 and includes the purchase of a replacement CCTV van and a pump station pickup truck, the replacement of two Vapex odor control machines, website development, and other critical sewer maintenance equipment.

The Capital Improvement Program (CIP) includes major capital projects that generally involve planning, permitting, engineering design, and construction. The total FY21 CIP Budget is \$7.5 million and includes funding for the wastewater and recycled water enterprises. The Wastewater Facilities CIP totals approximately \$7.5 million. The key components include: the Leucadia Pump Station Rehabilitation (\$1.7M), the Diana Pump Station Rehabilitation project (\$402K), the 2021 Gravity Pipeline Rehabilitation project (\$665K), LWD's portion of the Encina Joint Treatment Facility capital budget (\$3.5M), and various pipeline repair projects. The Recycled Water Facilities CIP includes \$30,500 for the North SD Water Reuse Coalition project.

## **LONG TERM DEBT OBLIGATIONS**

There are currently no FY21 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 FY21 is approximately \$3.0 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 \$5.5 million is budgeted to be transferred from the Capital Reserves to cover the additional Wastewater capital expenditures in FY21.

In addition, approximately \$16,000 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 FY21. 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 FY21 Annual Budget, please contact Richard Duffey at (760) 753-0155, ext. 3012.

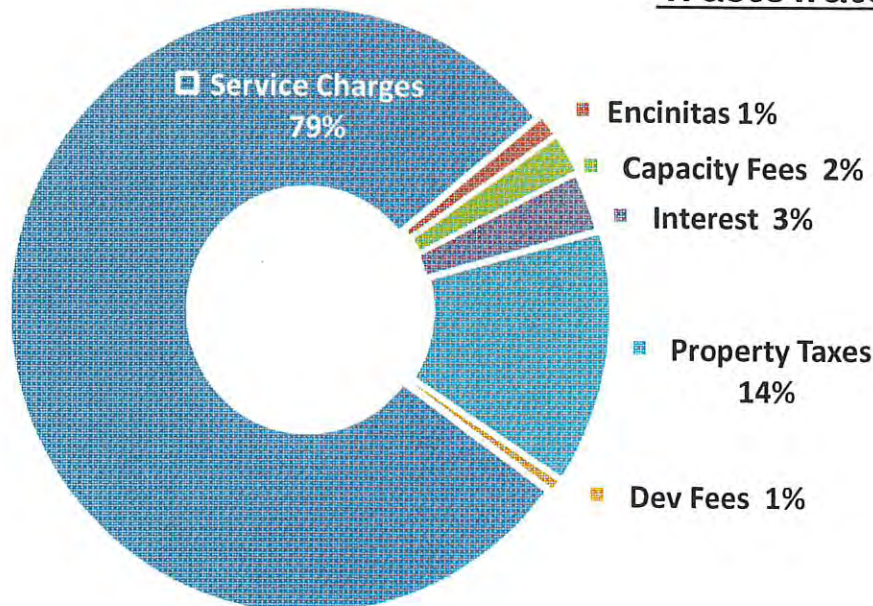
Respectfully submitted,

Paul J. Bushee  
General Manager

**Leucadia Wastewater District  
Fiscal Year 2021 Operating & Capital Budgets  
Wastewater Program Summary**

<b>SOURCES OF FUNDS</b>	FY 2020 BUDGET	FY 2020 PROJECTED	FY 2021 BUDGET	% Change Bud to Bud
<b>OPERATING REVENUES</b>				
Service Charges	\$ 9,868,771	\$ 9,823,200	\$ 10,879,991	10%
Encinitas O&M (Batiqitos Facilities)	\$ 88,500	\$ 76,800	\$ 89,800	1%
<b>TOTAL ESTIMATED OPERATING REVENUE</b>	<b>\$ 9,957,271</b>	<b>\$ 9,900,000</b>	<b>\$ 10,969,791</b>	<b>10%</b>
<b>NON-OPERATING REVENUES</b>				
Encinitas Capital (Batiqitos Facilities)	\$ 85,300	\$ 131,600	\$ 86,200	1%
Capacity Fees	\$ 305,340	\$ 240,000	\$ 305,340	0%
Interest Income	\$ 710,000	\$ 730,000	\$ 442,000	-38%
Developer Fees	\$ 100,543	\$ 99,700	\$ 101,953	1%
Property Taxes	\$ 1,790,000	\$ 1,804,000	\$ 1,870,000	4%
<b>TOTAL NON-OPERATING REVENUE</b>	<b>\$ 2,991,183</b>	<b>\$ 3,005,300</b>	<b>\$ 2,805,493</b>	<b>-6%</b>
<b>OTHER SOURCES OF FUNDS</b>				
Transfer from Capital Replacement Reserve	\$ 6,831,051	\$ 4,095,900	\$ 5,510,562	-19%
<b>TOTAL OTHER SOURCES OF FUNDS</b>	<b>\$ 6,831,051</b>	<b>\$ 4,095,900</b>	<b>\$ 5,510,562</b>	<b>-19%</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>\$ 19,779,505</b>	<b>\$ 17,001,200</b>	<b>\$ 19,285,846</b>	<b>-2%</b>

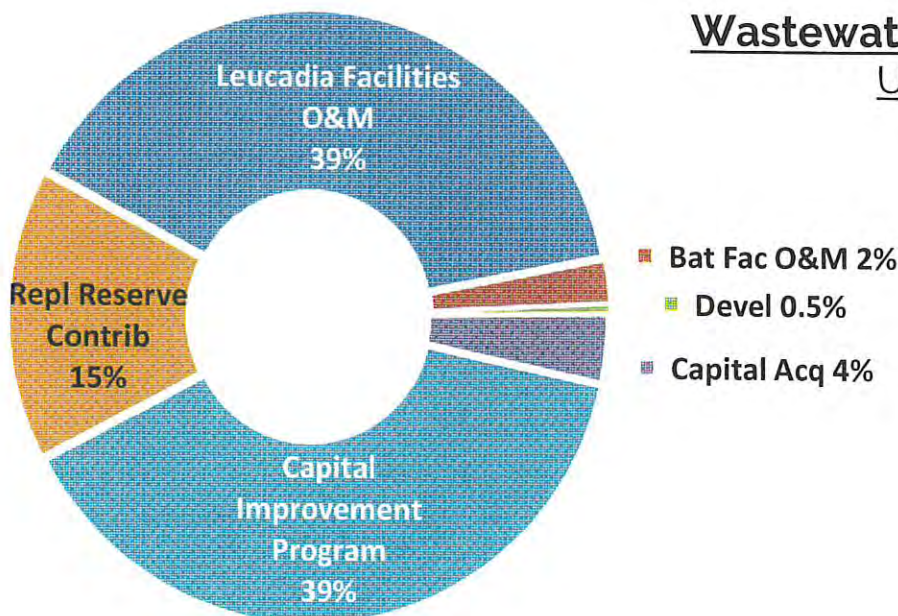
**Wastewater Program  
Revenues**





## Leucadia Wastewater District Fiscal Year 2021 Operating & Capital Budgets Wastewater Program Summary

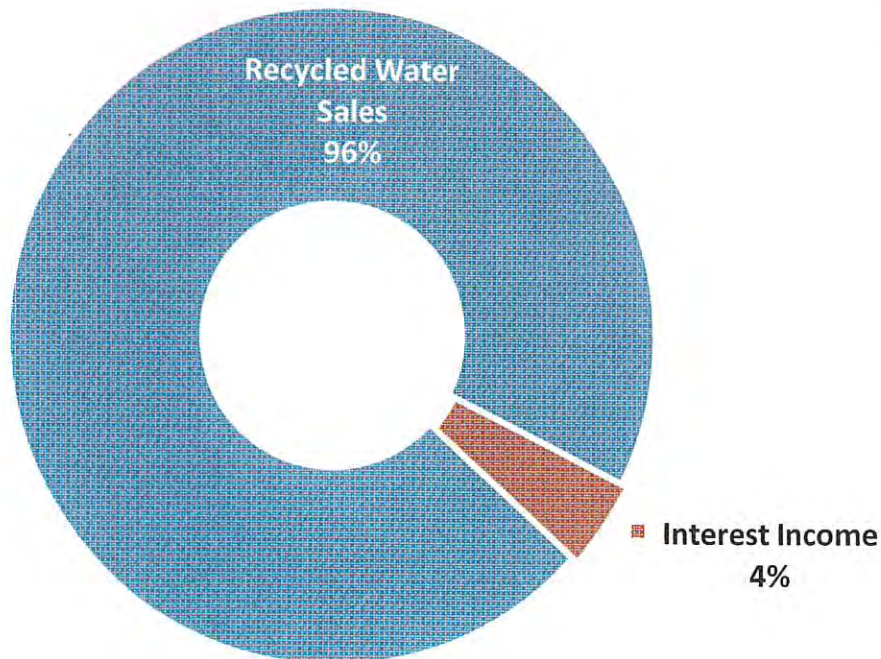
<b>USES OF FUNDS</b>	FY 2020 BUDGET	FY 2020 PROJECTED	FY 2021 BUDGET	% Change Bud to Bud
<b>OPERATING EXPENDITURES</b>				
Leucadia Facilities	\$ 7,148,062	\$ 6,898,283	\$ 7,540,214	5%
Batiquitos Joint Facilities	\$ 442,562	\$ 384,144	\$ 449,044	1%
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 7,590,624</b>	<b>\$ 7,282,427</b>	<b>\$ 7,989,258</b>	<b>5%</b>
<b>DEVELOPMENT EXPENDITURES</b>				
Development Expenses	\$ 100,543	\$ 99,700	\$ 101,953	1%
<b>TOTAL DEVELOPMENT EXPENSES</b>	<b>\$ 100,543</b>	<b>\$ 99,700</b>	<b>\$ 101,953</b>	<b>1%</b>
<b>CAPITAL EXPENDITURES</b>				
Capital Acquisitions	\$ 1,113,000	\$ 1,001,500	\$ 704,000	-37%
Capital Improvement Projects	\$ 8,608,691	\$ 6,000,000	\$ 7,510,102	-13%
<b>TOTAL CAPITAL EXPENSES</b>	<b>\$ 9,721,691</b>	<b>\$ 7,001,500</b>	<b>\$ 8,214,102</b>	<b>-16%</b>
<b>RESERVE CONTRIBUTION</b>				
Transfer to Reserves for Capital Replacement	\$ 2,366,647	\$ 2,617,573	\$ 2,980,533	26%
<b>TOTAL RESERVE CONTRIBUTION</b>	<b>\$ 2,366,647</b>	<b>\$ 2,617,573</b>	<b>\$ 2,980,533</b>	<b>26%</b>
<b>TOTAL USES OF FUNDS</b>	<b>\$ 19,779,505</b>	<b>\$ 17,001,200</b>	<b>\$ 19,285,846</b>	<b>-2%</b>



**Leucadia Wastewater District  
Fiscal Year 2021 Operating & Capital Budgets  
Recycled Water Program Summary**

<b>SOURCES OF FUNDS</b>	<b>FY 2020 BUDGET</b>	<b>FY 2020 PROJECTED</b>	<b>FY 2021 BUDGET</b>	<b>% Change Bud to Bud</b>
<b>OPERATING REVENUES</b>				
Recycled Water Sales	\$ 350,000	\$ 336,000	\$ 350,000	0%
<b>TOTAL ESTIMATED OPERATING REVENUE</b>	<b>\$ 350,000</b>	<b>\$ 336,000</b>	<b>\$ 350,000</b>	<b>0%</b>
<b>NON-OPERATING REVENUES</b>				
Interest Income	\$ 25,000	\$ 27,000	\$ 16,000	-36%
<b>TOTAL ESTIMATED NON-OPERATING REVENUE</b>	<b>\$ 25,000</b>	<b>\$ 27,000</b>	<b>\$ 16,000</b>	<b>-36%</b>
<b>OTHER SOURCES OF FUNDS</b>				
Transfer from Water Recycling Reserve	\$ -	\$ -	\$ -	0%
<b>TOTAL OTHER SOURCES OF FUNDS</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>0%</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>\$ 375,000</b>	<b>\$ 363,000</b>	<b>\$ 366,000</b>	<b>-2%</b>

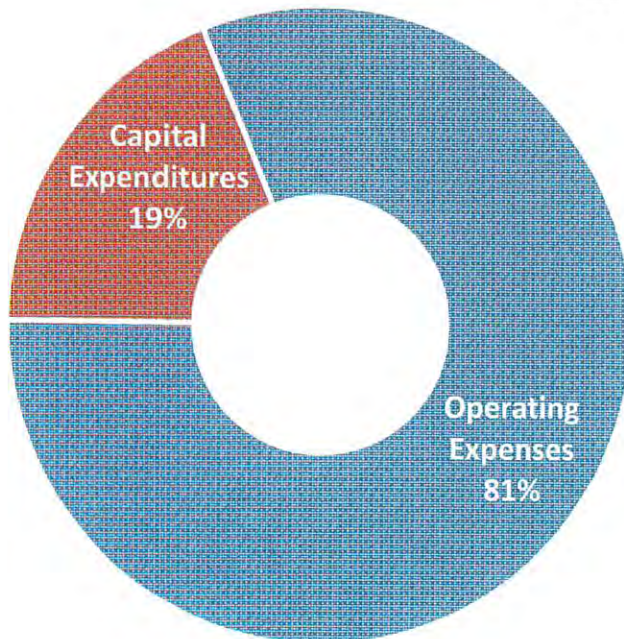
**Recycled Water Program  
Revenues**



**Leucadia Wastewater District  
Fiscal Year 2021 Operating & Capital Budgets  
Recycled Water Program Summary**

<b>USES OF FUNDS</b>	FY 2020 BUDGET	FY 2020 PROJECTED	FY 2021 BUDGET	% Change Bud to Bud
<b>OPERATING EXPENDITURES</b>				
Operating Program	\$ 245,852	\$ 291,822	\$ 284,880	16%
<b>TOTAL OPERATING EXPENSES</b>	<b>\$ 245,852</b>	<b>\$ 291,822</b>	<b>\$ 284,880</b>	<b>16%</b>
<b>CAPITAL EXPENDITURES</b>				
Capital Acquisition	\$ 40,600	\$ 46,100	\$ 35,100	-14%
Capital Improvement Program	\$ 29,500	\$ 25,000	\$ 30,500	3%
<b>TOTAL CAPITAL EXPENSES</b>	<b>\$ 70,100</b>	<b>\$ 71,100</b>	<b>\$ 65,600</b>	<b>-6%</b>
<b>RESERVE CONTRIBUTION</b>				
Transfer to Water Recycling Reserve	\$ 59,048	\$ 78	\$ 15,520	-74%
<b>TOTAL RESERVE CONTRIBUTION</b>	<b>\$ 59,048</b>	<b>\$ 78</b>	<b>\$ 15,520</b>	<b>-74%</b>
<b>TOTAL USES OF FUNDS</b>	<b>\$ 375,000</b>	<b>\$ 363,000</b>	<b>\$ 366,000</b>	<b>-2%</b>

**Recycled Water Program**  
Uses of Funds

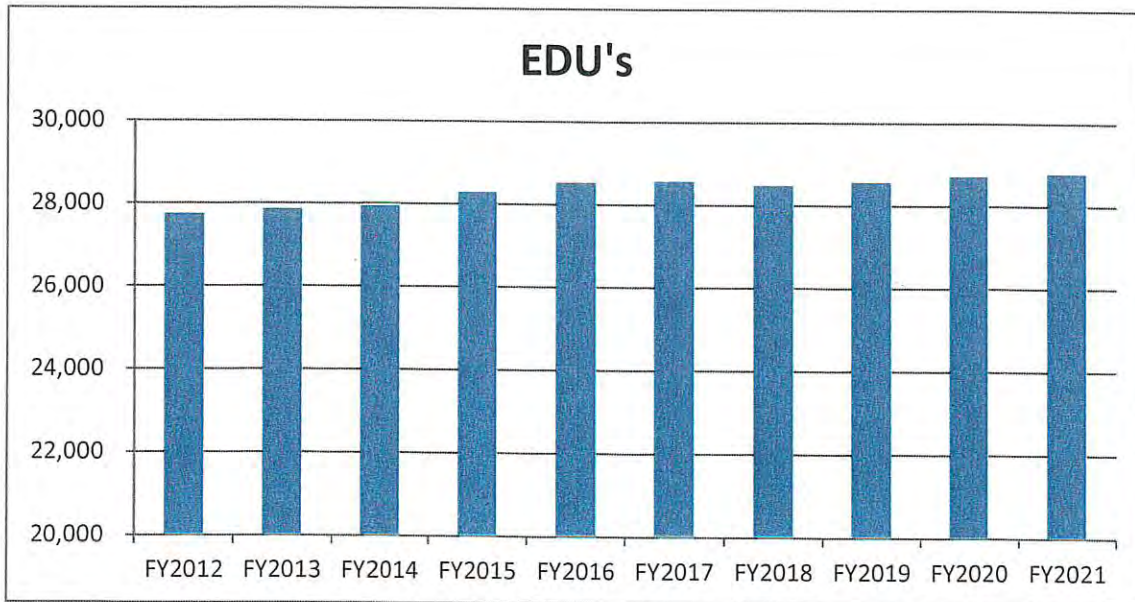


**FISCAL YEAR 2021  
WASTEWATER SERVICE CHARGE  
and  
EDU SUMMARY**

<b>FY 2021</b>	
MONTHLY SERVICE CHARGE	\$ 31.50
ANNUAL SERVICE CHARGE	\$ 378.04
ESTIMATED EDU'S FY 2021	28,780
ESTIMATED SEWER SERVICE CHARGE REVENUE	\$ 10,879,991

<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

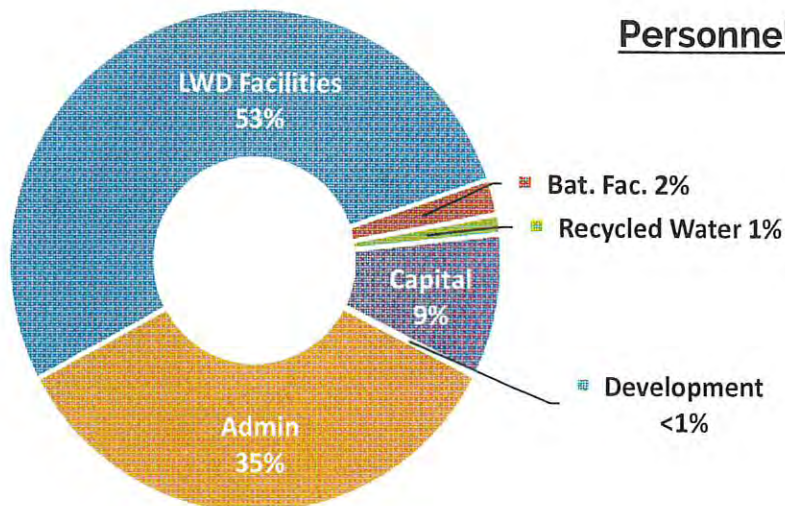
<b>% CHANGE IN SERVICE CHARGE</b>	<b>10%</b>
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EDU = Equivalent Dwelling Unit

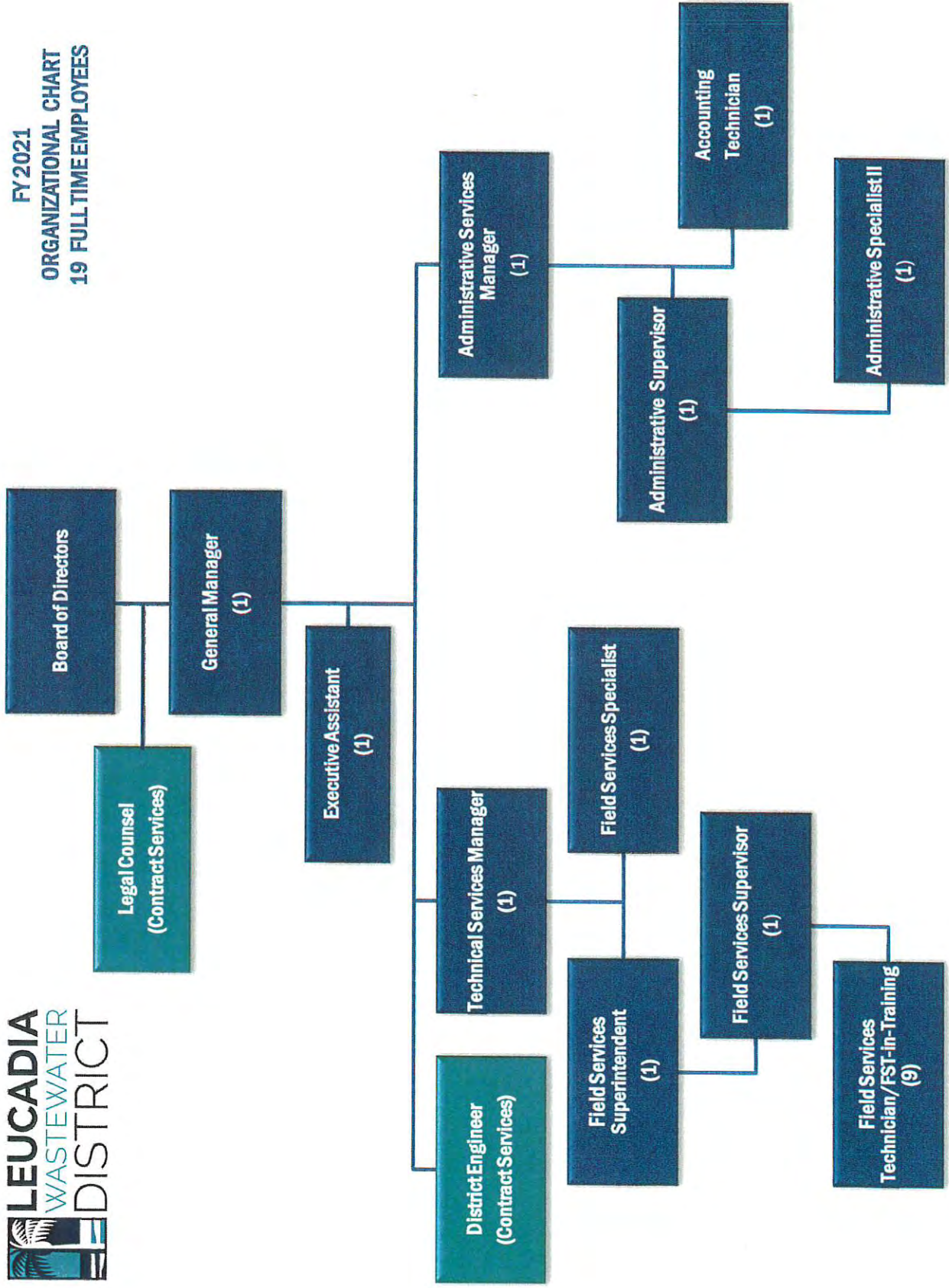
## Leucadia Wastewater District Fiscal Year 2021 Budget Personnel Summary By Department

Program	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
<b>LWD Facilities:</b>				
Salaries	\$ 1,140,197	\$ 1,112,700	\$ 1,177,698	3%
Benefits	\$ 803,700	\$ 802,100	\$ 907,755	13%
<b>Total LWD Facilities</b>	<b>\$ 1,943,897</b>	<b>\$ 1,914,800</b>	<b>\$ 2,085,453</b>	<b>7%</b>
<b>Batiquitos Joint Facilities:</b>				
Salaries	\$ 49,944	\$ 49,400	\$ 50,744	2%
Benefits	\$ 36,947	\$ 35,300	\$ 40,659	10%
<b>Total Bat Joint Facilities</b>	<b>\$ 86,891</b>	<b>\$ 84,700</b>	<b>\$ 91,403</b>	<b>5%</b>
<b>Recycled Water Enterprise:</b>				
Salaries	\$ 21,749	\$ 33,700	\$ 28,854	33%
Benefits	\$ 17,029	\$ 19,100	\$ 20,559	21%
<b>Total RW Enterprise</b>	<b>\$ 38,778</b>	<b>\$ 52,800</b>	<b>\$ 49,413</b>	<b>27%</b>
<b>Capital Program:</b>				
Salaries	\$ 204,541	\$ 202,900	\$ 211,234	3%
Benefits	\$ 127,280	\$ 126,100	\$ 150,569	18%
<b>Total Capital Program</b>	<b>\$ 331,821</b>	<b>\$ 329,000</b>	<b>\$ 361,803</b>	<b>9%</b>
<b>Development:</b>				
Salaries	\$ 3,896	\$ 4,600	\$ 4,564	17%
Benefits	\$ 2,747	\$ 2,600	\$ 2,989	9%
<b>Total Development</b>	<b>\$ 6,643</b>	<b>\$ 7,200</b>	<b>\$ 7,553</b>	<b>14%</b>
<b>Administration:</b>				
Salaries	\$ 800,575	\$ 792,500	\$ 833,113	4%
Benefits	\$ 487,503	\$ 486,100	\$ 543,782	12%
<b>Total Administration</b>	<b>\$ 1,288,078</b>	<b>\$ 1,278,600</b>	<b>\$ 1,376,895</b>	<b>7%</b>
<b>Total Personnel Expense</b>	<b>\$ 3,696,108</b>	<b>\$ 3,667,100</b>	<b>\$ 3,972,520</b>	<b>7%</b>



**Personnel Expense Summary**  
By Department

CLOSED SESSION ITEM  
PERSONNEL EXPENSE DETAIL



# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2021 OPERATING BUDGET WASTEWATER OPERATIONS – LEUCADIA FACILITIES

## Program Overview:

The FY21 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.

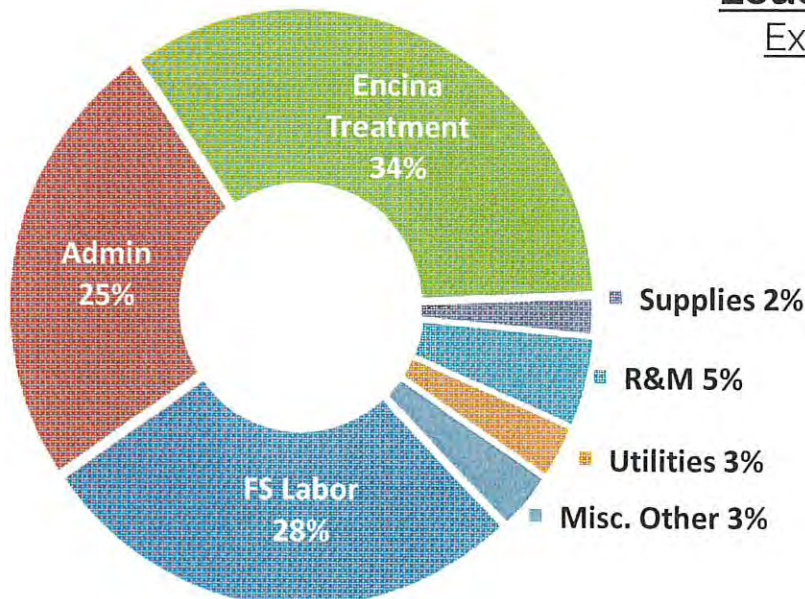
Encina Regional Treatment Facility Operations: LWD contributes a proportionate share, based on its approximate 16.8% ownership, of the operating costs for the regional Encina Water Pollution Control Facility, which is operated by the Encina Wastewater Authority. This expense funds the treatment, resource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



**Leucadia Wastewater District  
Wastewater Operations - Leucadia Facilities  
Fiscal Year 2021 Operating Budget  
Expense Summary**

<u>Account</u>	<u>Description</u>	<u>FY 2020 Budget</u>	<u>FY 2020 Projected</u>	<u>FY 2021 Budget</u>	<u>% Change Bud to Bud</u>
	<b>Field Services Expenses:</b>				
	Labor Expenses:				
	FS Salaries & Benefits	\$ 1,943,897	\$ 1,914,800	\$ 2,085,453	7%
	Non-Labor Expenses:				
4600	Fuel	\$ 40,000	\$ 38,000	\$ 40,000	0%
4900	Office Expense	\$ 90,500	\$ 88,100	\$ 97,800	8%
5000	Operating Supplies	\$ 153,200	\$ 159,200	\$ 160,000	4%
5200	Professional Services	\$ 74,800	\$ 69,500	\$ 74,800	0%
5400	Rent/Leases	\$ 6,500	\$ 6,600	\$ 7,600	17%
5500	Repair and Maintenance	\$ 334,700	\$ 310,400	\$ 378,380	13%
5600	Permitting & Monitoring	\$ 24,000	\$ 24,000	\$ 27,200	13%
5900	Utilities	\$ 227,700	\$ 213,400	\$ 228,800	0%
	Subtotal Other Expenses	\$ 951,400	\$ 909,200	\$ 1,014,580	7%
	<b>Total Field Services Expenses</b>	<b>\$ 2,895,297</b>	<b>\$ 2,824,000</b>	<b>\$ 3,100,033</b>	<b>7%</b>
	<b>Administration Expenses:</b>	<b>\$ 1,697,965</b>	<b>\$ 1,639,983</b>	<b>\$ 1,870,681</b>	<b>10%</b>
6210	<b>Encina Treatment Expenses:</b>	<b>\$ 2,554,800</b>	<b>\$ 2,434,300</b>	<b>\$ 2,569,500</b>	<b>1%</b>
	<b>Total LWD Facilities Expenses</b>	<b>\$ 7,148,062</b>	<b>\$ 6,898,283</b>	<b>\$ 7,540,214</b>	<b>5%</b>

**Leucadia Facilities  
Expense Allocation**



**Leucadia Wastewater District  
Wastewater Operations - Leucadia Facilities  
Fiscal Year 2021 Operating Budget  
Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 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	\$ 8,500	\$ 10,000	0%
	Diesel	\$ 30,000	\$ 29,500	\$ 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	\$ 3,500	\$ 3,500	0%
	WMS Comprehensive Support	\$ 9,000	\$ 7,700	\$ 7,700	-14%
	Smart Cover H2S monitoring	\$ -	\$ 6,900	\$ 6,600	100%
	SCADA Support and Parts	\$ 10,000	\$ 1,000	\$ 10,000	0%
	Flow & Alarm monitoring ADS Intelliserve	\$ 68,000	\$ 69,000	\$ 70,000	3%
	Total Computer Service	\$ 90,500	\$ 88,100	\$ 97,800	8%
	<b>Total Office Expense</b>	<b>\$ 90,500</b>	<b>\$ 88,100</b>	<b>\$ 97,800</b>	<b>8%</b>
<b>5000</b>	<b><u>Operating Supplies</u></b>				
20-41-0000-5010	Chemicals (Bioxide/Ferrous Chloride)	\$ 117,000	\$ 110,000	\$ 117,000	0%
20-41-0000-5020	Laundry	\$ 12,000	\$ 14,000	\$ 14,500	21%
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	\$ 3,000	\$ 3,000	0%
	First Aid Supplies	\$ 1,500	\$ 2,800	\$ 3,000	100%
	Hearing Conservation	\$ 1,000	\$ 1,000	\$ 1,000	0%
	Personal Protective Equipment (disposable)	\$ 6,000	\$ 6,000	\$ 6,000	0%
	Respiratory Protection Physicals/Fit Testing	\$ 1,000	\$ 2,000	\$ 2,000	100%
	Atmospheric Monitoring/Testing Equipment, Service, & Supplies	\$ 3,000	\$ 4,000	\$ 4,000	33%
	DOT Testing Program Administration (DATCO)	\$ 2,000	\$ 1,800	\$ 2,000	0%
	Commercial Driver's License / Physicals Renewals	\$ 700	\$ -	\$ 700	0%
	SCBA Equipment	\$ 1,000	\$ 1,800	\$ 1,800	80%
	Traffic Control Devices	\$ 1,000	\$ 1,000	\$ 1,000	0%
	Rain Gear	\$ -	\$ 8,000	\$ -	0%
	Total, Safety Supplies	\$ 20,200	\$ 23,400	\$ 24,500	21%
	<b>Total Operating Supplies</b>	<b>\$ 153,200</b>	<b>\$ 159,200</b>	<b>\$ 160,000</b>	<b>4%</b>
<b>5200</b>	<b><u>Professional Services</u></b>				
20-41-0000-5210	Engineering Services				
	Update SSMP Audit	\$ 8,300	\$ 8,300	\$ 8,300	0%
	District Engineering	\$ 55,000	\$ 49,700	\$ 55,000	0%
	Update Safety Program Plans	\$ 1,500	\$ 1,500	\$ 1,500	0%
	Specialty Engineering	\$ 10,000	\$ 10,000	\$ 10,000	0%
	<b>Total Professional Services</b>	<b>\$ 74,800</b>	<b>\$ 69,500</b>	<b>\$ 74,800</b>	<b>0%</b>

**Leucadia Wastewater District  
Wastewater Operations - Leucadia Facilities  
Fiscal Year 2021 Operating Budget  
Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 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	\$ 600	\$ 600	20%
20-41-0000-5440	Easement Leases				
	NCTD License Fees	\$ 6,000	\$ 6,000	\$ 7,000	17%
	<b>Total Rents and Leases</b>	<b>\$ 6,500</b>	<b>\$ 6,600</b>	<b>\$ 7,600</b>	<b>17%</b>
<b>5500</b>	<b><u>Repair &amp; maintenance</u></b>				
20-41-0000-5510	Line Maintenance				
	Water for Line Cleaning	\$ 17,000	\$ 16,100	\$ 17,000	0%
	Routine Line Repair Supplies	\$ 25,000	\$ 25,000	\$ 25,000	0%
	Cathodic Testing	\$ 4,000	\$ 4,000	\$ 4,000	0%
	CCTV Support/Maintenance	\$ 22,000	\$ 22,000	\$ 22,000	0%
	Vactor High Pressure Hose	\$ 6,000	\$ 6,400	\$ 6,400	7%
	Vactor Control	\$ 7,000	\$ 6,800	\$ 7,000	0%
	Smoke Testing	\$ 12,000	\$ 16,000	\$ 12,000	0%
	Total, Line Maintenance	\$ 93,000	\$ 96,300	\$ 93,400	0%
20-41-0000-5520	Pump Station Repair & Maintenance				
	Standby Power System Service (Generator)	\$ 15,000	\$ 13,500	\$ 15,000	0%
	Electrical Services/Diagnostic Heat Testing	\$ 13,000	\$ 11,500	\$ 13,000	0%
	Pump & Motor Repairs	\$ 30,000	\$ 22,200	\$ 30,000	0%
	Routine Pump Station Repair Supplies	\$ 8,000	\$ 8,500	\$ 9,000	13%
	Odor Control Media Replacement	\$ 18,200	\$ -	\$ 18,200	0%
	Vibrational Analysis (Predictive Maint.. Testing)	\$ 1,600	\$ 1,500	\$ 1,600	0%
	Scaffold & Crane Services	\$ -	\$ 5,500	\$ 17,500	100%
	Refurbish Pump Seals	\$ 6,000	\$ 3,000	\$ 6,000	0%
	Replace Odologgers/Ozone Detectors	\$ 3,300	\$ 2,300	\$ 3,300	0%
	Total, Pump Station Repair & Maintenance	\$ 95,100	\$ 68,000	\$ 113,600	19%
20-41-0000-5530	Buildings & Grounds Repair & Maintenance				
	Elevator	\$ 5,200	\$ 5,200	\$ 5,300	2%
	Audio Visual	\$ 1,500	\$ 800	\$ 1,500	0%
	Trash Service	\$ 3,000	\$ 3,000	\$ 3,000	0%
	Plant Service	\$ 2,000	\$ 2,000	\$ 2,000	0%
	Janitorial Services	\$ 22,500	\$ 24,500	\$ 26,500	18%
	Window Cleaning	\$ 1,000	\$ 1,000	\$ 1,000	0%
	Solar Panel Cleaning	\$ 1,500	\$ 1,300	\$ 1,500	0%
	Pest Control	\$ 1,100	\$ 1,200	\$ 1,200	9%
	Miscellaneous Services and Small Equipment	\$ 7,500	\$ 12,500	\$ 8,000	7%
	Landscaping/Water Feature/Gate Maintenance Services	\$ 20,000	\$ 18,000	\$ 20,000	0%
	Fire Extinguisher Service	\$ 800	\$ 2,000	\$ 2,000	150%
	Garage Door Service	\$ 3,000	\$ 3,100	\$ 3,200	7%
	HVAC Service	\$ 14,000	\$ 14,000	\$ 14,000	0%
	Roof and Gutter Maintenance	\$ 2,000	\$ 2,000	\$ 2,000	0%
	Test Fire Sprinkler System	\$ 1,500	\$ 2,000	\$ 2,000	33%
	Tree Trimming	\$ -	\$ -	\$ 5,000	100%
	Security Camera Extended Service	\$ -	\$ -	\$ 1,980	100%
	Miscellaneous Buildings & Grounds Repairs	\$ 10,000	\$ 13,500	\$ 21,000	110%
	Total, Buildings & Grounds Repair & Maintenance	\$ 96,600	\$ 106,100	\$ 121,180	25%

**Leucadia Wastewater District  
Wastewater Operations - Leucadia Facilities  
Fiscal Year 2021 Operating Budget  
Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
20-41-0000-5540	Vehicle Repair & Maintenance				
	Routine & Corrective Repairs	\$ 18,000	\$ 16,800	\$ 18,000	0%
	Tire Replacement	\$ 4,500	\$ 4,300	\$ 4,700	4%
	Vactor Major Service	\$ 25,000	\$ 16,500	\$ 25,000	0%
	Total, Vehicle Repair & Maintenance	\$ 47,500	\$ 37,600	\$ 47,700	0%
20-41-0000-5550	Paint & Lubricants				
	Misc. Supplies	\$ 500	\$ 200	\$ 500	0%
	HazMat Disposal	\$ 1,000	\$ -	\$ 1,000	0%
	Total, Paint & Lubricants	\$ 1,500	\$ 200	\$ 1,500	0%
20-41-0000-5590	Equipment Repair & Maintenance				
	Misc. Equip. Repairs (Portable Generators, Pumps)	\$ 1,000	\$ 2,200	\$ 1,000	0%
	<b>Total Repair and Maintenance</b>	<b>\$ 334,700</b>	<b>\$ 310,400</b>	<b>\$ 378,380</b>	<b>13%</b>
<b>5600</b>	<b>Monitoring and Permitting</b>				
20-41-0000-5610	Lab Analysis				
	Beach Posting Analysis	\$ 1,500	\$ -	\$ 1,500	0%
	Baseline Background Analysis	\$ 1,000	\$ 1,000	\$ 1,000	0%
	Total Lab Analysis	\$ 2,500	\$ 1,000	\$ 2,500	0%
20-41-0000-5630	Permits & Monitoring				
	Air Pollution Control District	\$ 4,700	\$ 4,200	\$ 5,600	19%
	City of Encinitas Inspection Permit	\$ 300	\$ -	\$ 300	0%
	City of Carlsbad Inspection Permit	\$ 1,000	\$ 1,500	\$ 1,500	50%
	County Business Emergency Plan Permit	\$ 3,200	\$ 3,200	\$ 3,200	0%
	Collection System Permit	\$ 12,300	\$ 14,100	\$ 14,100	15%
	Total Permits & Monitoring	\$ 21,500	\$ 23,000	\$ 24,700	15%
	<b>Total Monitoring and Permitting</b>	<b>\$ 24,000</b>	<b>\$ 24,000</b>	<b>\$ 27,200</b>	<b>13%</b>
<b>5900</b>	<b>Utilities</b>				
20-41-0000-5920	SCADA Remote Communications	\$ 600	\$ 500	\$ 600	0%
20-41-0000-5930	Electricity, District Operations	\$ 215,000	\$ 200,000	\$ 215,000	0%
20-41-0000-5940	Water	\$ 9,600	\$ 9,800	\$ 10,000	4%
20-41-0000-5950	USA Notification Service	\$ 2,500	\$ 3,100	\$ 3,200	28%
	<b>Total Utilities</b>	<b>\$ 227,700</b>	<b>\$ 213,400</b>	<b>\$ 228,800</b>	<b>0%</b>
<b>TOTAL LEUCADIA FACILITIES EXPENSES</b>		<b>\$ 951,400</b>	<b>\$ 909,200</b>	<b>\$ 1,014,580</b>	<b>7%</b>

# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2021 OPERATING BUDGET WASTEWATER ENTERPRISE – BATIQUITOS JOINT FACILITIES

## Program Overview:

The FY21 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 FY21, 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.

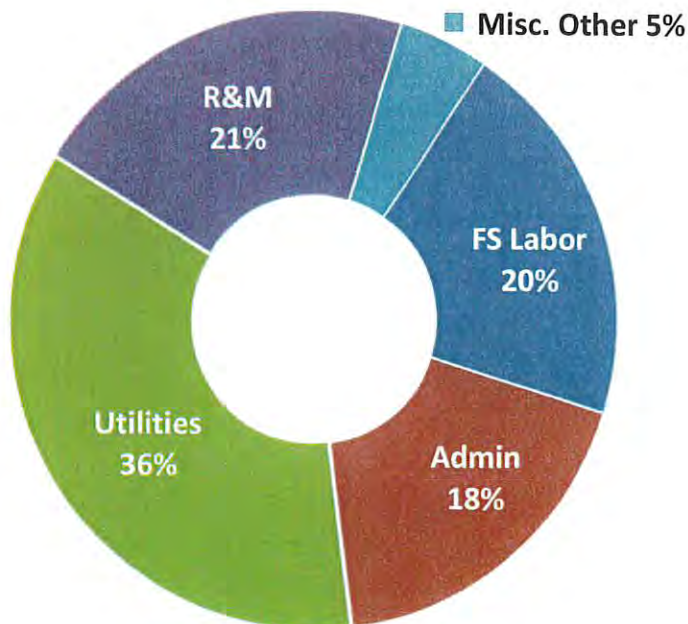


Administrative Services Expenses: ASD expenses are allocated to the Wastewater Operations – Batiquitos Joint Facilities to reflect expenses that support the operation of the Batiquitos pump station and force main facilities. These expenses include overall staff management, as well as Board of Directors,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

**Leucadia Wastewater District  
Wastewater Operations - Batiquitos Joint Facilities  
Fiscal Year 2021 Operating Budget  
Expense Summary**

Account	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
<b>Field Services Expenses:</b>					
Labor Expenses:					
	FS Salaries & Benefits	\$ 86,891	\$ 84,700	\$ 91,403	5%
Non-Labor Expenses:					
4600	Fuel	\$ 1,000	\$ 500	\$ 1,000	0%
4900	Office Expense	\$ 6,000	\$ 1,000	\$ 6,000	0%
5000	Operating Supplies	\$ -	\$ 300	\$ 500	100%
5200	Professional Services	\$ 10,000	\$ -	\$ 10,000	0%
5500	Repair and Maintenance	\$ 98,100	\$ 63,600	\$ 93,400	-5%
5600	Permitting & Monitoring	\$ 4,100	\$ 3,800	\$ 4,100	0%
5900	Utilities	\$ 160,700	\$ 157,700	\$ 160,900	0%
	Subtotal Other Expenses	\$ 279,900	\$ 226,900	\$ 275,900	-1%
	<b>Total Field Services Expenses</b>	<b>\$ 366,791</b>	<b>\$ 311,600</b>	<b>\$ 367,303</b>	<b>0%</b>
	<b>Administration Expenses:</b>	<b>\$ 75,771</b>	<b>\$ 72,544</b>	<b>\$ 81,741</b>	<b>8%</b>
	<b>Total Batiquitos Joint Facilities Expenses</b>	<b>\$ 442,562</b>	<b>\$ 384,144</b>	<b>\$ 449,044</b>	<b>1%</b>

**Batiquitos Joint Facilities  
Expense Allocation**



**Leucadia Wastewater District  
Wastewater Operations - Batiquitos Joint Facilities  
Fiscal Year 2021 Operating Budget  
Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 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	\$ -	\$ 5,000	0%
	WMS Comprehensive Support	\$ 1,000	\$ 1,000	\$ 1,000	0%
	<b>Total Office Expense</b>	<b>\$ 6,000</b>	<b>\$ 1,000</b>	<b>\$ 6,000</b>	0%
<b>5000</b>	<b><u>Operating Supplies</u></b>				
20-41-0022-5040	Safety Supplies/Services				
	First Aid Supplies	\$ -	\$ 300	\$ 500	100%
	<b>Total Operating Supplies</b>	<b>\$ -</b>	<b>\$ 300</b>	<b>\$ 500</b>	100%
<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	\$ 1,800	\$ 3,500	0%
	Pump & Motor Repairs	\$ 23,000	\$ 19,700	\$ 23,000	0%
	Electrical Services	\$ 8,500	\$ 4,800	\$ 8,500	0%
	Transfer Switch Testing & Electrical Heat Test	\$ 1,700	\$ 1,900	\$ 1,900	12%
	Vibrational Analysis BPS (Predictive Testing)	\$ 1,000	\$ 1,000	\$ 1,000	0%
	HVAC Service	\$ 6,000	\$ 2,500	\$ 6,000	0%
	Miscellaneous Services/Supplies	\$ 4,500	\$ 4,600	\$ 4,700	4%
	Odor Control Media Replacement	\$ 40,000	\$ 22,500	\$ 40,000	0%
	Force Main Operations	\$ 5,000	\$ -	\$ -	-100%
	Refurbish Pump Seals	\$ 100	\$ -	\$ -	-100%
	Solar Panel Cleaning	\$ 100	\$ 100	\$ 100	0%
	Replace Odaloggers	\$ 1,500	\$ 1,500	\$ 1,500	0%
	<b>Total, Pump Station Repair &amp; Maintenance</b>	<b>\$ 94,900</b>	<b>\$ 60,400</b>	<b>\$ 90,200</b>	-5%

**Leucadia Wastewater District  
Wastewater Operations - Batiquitos Joint Facilities  
Fiscal Year 2021 Operating Budget  
Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
20-41-0022-5530	Buildings & Grounds Repair & Maintenance				
	Landscaping Service	\$ 1,000	\$ 1,000	\$ 1,000	0%
	Total, Buildings & Grounds Repair & Maintenance	<u>\$ 1,000</u>	<u>\$ 1,000</u>	<u>\$ 1,000</u>	0%
	<b>Total Repair &amp; Maintenance</b>	<b><u>\$ 98,100</u></b>	<b><u>\$ 63,600</u></b>	<b><u>\$ 93,400</u></b>	-5%
<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	\$ 2,000	0%
	Total Lab Analysis	<u>\$ 2,000</u>	<u>\$ 2,000</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	\$ 1,500	\$ 1,200	\$ 1,500	0%
	Total Permits & Monitoring	<u>\$ 2,100</u>	<u>\$ 1,800</u>	<u>\$ 2,100</u>	0%
	<b>Total Monitoring &amp; Permitting</b>	<b><u>\$ 4,100</u></b>	<b><u>\$ 3,800</u></b>	<b><u>\$ 4,100</u></b>	0%
<b>5900</b>	<b><u>Utilities</u></b>				
20-41-0022-5910	Telephone	\$ 1,700	\$ 1,700	\$ 1,800	6%
20-41-0022-5930	Batiquitos Electrical Power	\$ 158,000	\$ 155,000	\$ 158,000	0%
20-41-0022-5940	Water	\$ 1,000	\$ 1,000	\$ 1,100	10%
	<b>Total Utilities</b>	<b><u>\$ 160,700</u></b>	<b><u>\$ 157,700</u></b>	<b><u>\$ 160,900</u></b>	0%
<b>Total Batiquitos Joint Facilities Expenses</b>		<b><u>\$ 279,900</u></b>	<b><u>\$ 226,900</u></b>	<b><u>\$ 275,900</u></b>	-1%



# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2021 OPERATING BUDGET RECYCLED WATER OPERATIONS

## Program Overview:

The FY21 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.

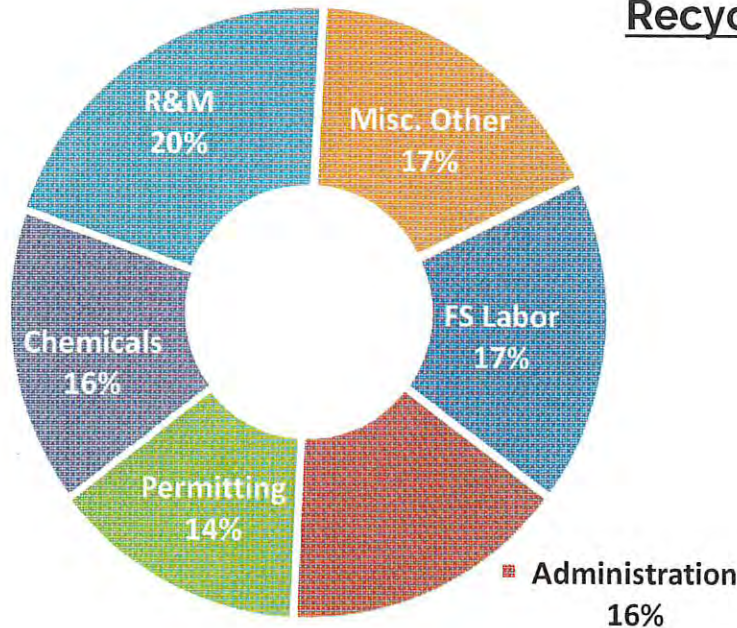
Administrative Services Expenses: ASD expenses are allocated to the Recycled Water Enterprise to reflect expenses that support the operation of Gafner WRF. These expenses include overall staff management, as well as Board of Directors, financial, human resources and risk management support of the program.



**Leucadia Wastewater District  
Recycled Water Operations  
Fiscal Year 2021 Operating Budget  
Expense Summary**

Account	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
<b>Field Services Expenses:</b>					
Labor Expenses:					
	FS Salaries & Benefits	\$ 38,778	\$ 52,800	\$ 49,413	27%
Non-Labor Expenses:					
4900	Office Expenses	\$ 3,300	\$ 300	\$ 3,300	0%
5000	Operating Supplies	\$ 45,000	\$ 43,700	\$ 45,000	0%
5200	Professional Services	\$ 12,500	\$ 37,700	\$ 27,500	120%
5500	Repair and Maintenance	\$ 57,960	\$ 56,000	\$ 58,400	1%
5600	Permitting & Monitoring	\$ 37,100	\$ 39,100	\$ 39,500	6%
5900	Utilities	\$ 17,500	\$ 17,000	\$ 17,500	0%
	<b>Subtotal Non-Labor Expenses</b>	<b>\$ 173,360</b>	<b>\$ 193,800</b>	<b>\$ 191,200</b>	<b>10%</b>
	<b>Total Field Services Expenses</b>	<b>\$ 212,138</b>	<b>\$ 246,600</b>	<b>\$ 240,613</b>	<b>13%</b>
	<b>Administration Expenses:</b>	<b>\$ 33,714</b>	<b>\$ 45,222</b>	<b>\$ 44,267</b>	<b>31%</b>
	<b>Total Recycled Water Facility Expenses</b>	<b>\$ 245,852</b>	<b>\$ 291,822</b>	<b>\$ 284,880</b>	<b>16%</b>

**Recycled Water Facilities  
Expense Allocation**



**Leucadia Wastewater District  
Recycled Water Operations  
Fiscal Year 2021 Operating Budget  
Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
<b>4900</b>	<b><u>Office Expense</u></b>				
30-43-0019-4950	Computer Service				
	WMS Software Maintenance	\$ 300	\$ 300	\$ 300	0%
	SCADA Support & Parts	\$ 3,000	\$ -	\$ 3,000	0%
	<b>Total Office Expense</b>	<b>\$ 3,300</b>	<b>\$ 300</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	\$ 43,700	\$ 45,000	0%
	<b>Total Operating Supplies</b>	<b>\$ 45,000</b>	<b>\$ 43,700</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	\$ 18,000	\$ 2,500	0%
	<b>Total Engineering Services</b>	<b>\$ 7,500</b>	<b>\$ 18,000</b>	<b>\$ 7,500</b>	0%
30-43-0019-5220	Legal Services				
	Legal	\$ 5,000	\$ 19,700	\$ 20,000	300%
	<b>Total Legal Services</b>	<b>\$ 5,000</b>	<b>\$ 19,700</b>	<b>\$ 20,000</b>	300%
	<b>Total Professional Services</b>	<b>\$ 12,500</b>	<b>\$ 37,700</b>	<b>\$ 27,500</b>	120%
<b>5500</b>	<b><u>Repair &amp; Maintenance</u></b>				
30-43-0019-5580	Treatment Plant R&M				
	Calibration Services (flow/turbidity/CI residual)	\$ 7,200	\$ 7,300	\$ 7,400	3%
	Routine Plant Equipment Maintenance	\$ 3,500	\$ 2,900	\$ 3,500	0%
	VFD/Electrical Services	\$ 5,000	\$ 2,300	\$ 5,000	0%
	HVAC Service	\$ 1,760	\$ 1,900	\$ 1,900	8%
	Electrical Heat Test	\$ 1,700	\$ 1,800	\$ 1,800	6%
	Force Main Operations	\$ 800	\$ -	\$ 800	0%
	Pump & Motor Repairs	\$ 5,000	\$ 4,800	\$ 5,000	0%
	Repaint Handrails & equipment	\$ 33,000	\$ 35,000	\$ 33,000	0%
	<b>Total Repair and Maintenance</b>	<b>\$ 57,960</b>	<b>\$ 56,000</b>	<b>\$ 58,400</b>	1%

**Leucadia Wastewater District  
Recycled Water Operations  
Fiscal Year 2021 Operating Budget  
Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 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	\$ 10,700	\$ 11,000	0%
	Total Lab Analysis	\$ 11,000	\$ 10,700	\$ 11,000	0%
30-43-0019-5630	Permits & Monitoring				
	RWQCB Discharge Permit	\$ 16,400	\$ 18,800	\$ 18,800	15%
	San Marcos Creek Flow Measurement	\$ 8,000	\$ 8,000	\$ 8,000	0%
	RWQCB Storm Water Permit	\$ 1,500	\$ 1,400	\$ 1,500	0%
	Storm Water Maintenance	\$ 200	\$ 200	\$ 200	0%
	Total Permits & Monitoring	\$ 26,100	\$ 28,400	\$ 28,500	9%
	<b>Total Monitoring &amp; Permitting</b>	<b>\$ 37,100</b>	<b>\$ 39,100</b>	<b>\$ 39,500</b>	<b>6%</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%
	<b>Total Utilities</b>	<b>\$ 17,500</b>	<b>\$ 17,000</b>	<b>\$ 17,500</b>	<b>0%</b>
<b>Total Recycled Water Operation Expenses</b>		<b>\$ 173,360</b>	<b>\$ 193,800</b>	<b>\$ 191,200</b>	<b>10%</b>

# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2021 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.

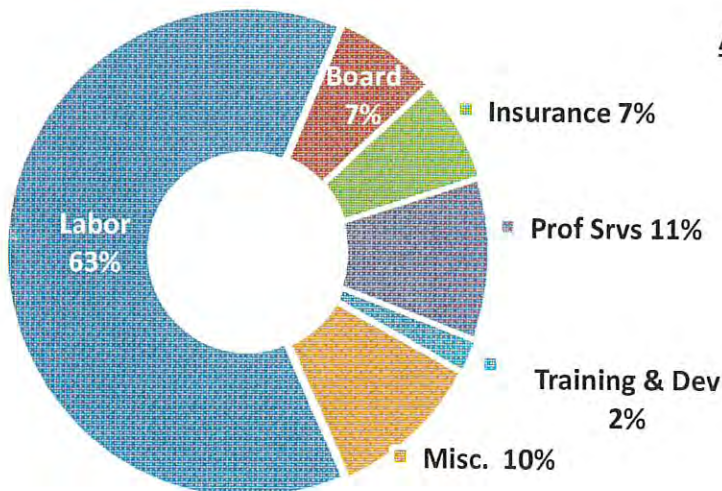
Community/Public Outreach Service: ASD provides community outreach service by developing and distributing bi-annual newsletters, press releases, informational flyers, conducting events and tours, and updating and maintaining the District's website and Facebook accounts.

## Leucadia Wastewater District Administrative Services Fiscal Year 2021 Operating Budget Expense Summary

Account	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
<b>Labor Expenses:</b>					
	Admin Salaries & Benefits	\$ 1,288,078	\$ 1,278,600	\$ 1,376,895	7%
<b>Non-Labor Expenses:</b>					
4300	Board Support	\$ 142,400	\$ 114,100	\$ 151,700	7%
4400	Election	\$ -	\$ -	\$ 37,000	100%
4700	Insurance	\$ 119,800	\$ 123,800	\$ 150,300	25%
4800	Memberships	\$ 30,200	\$ 31,100	\$ 37,850	25%
4900	Office Expense	\$ 55,100	\$ 49,100	\$ 62,100	13%
5200	Professional Services	\$ 217,200	\$ 209,800	\$ 233,200	7%
5300	Printing/Publishing	\$ 29,500	\$ 27,500	\$ 29,600	0%
5400	Rents & Leases	\$ 11,500	\$ 8,600	\$ 10,700	-7%
5500	Repair & Maintenance	\$ 1,500	\$ 200	\$ 1,500	0%
5700	Training & Development	\$ 46,800	\$ 47,500	\$ 49,500	6%
5900	Utilities	\$ 36,700	\$ 36,700	\$ 41,400	13%
6000	LAFCO Operations	\$ 7,700	\$ 7,400	\$ 7,700	0%
	Subtotal Non-Labor Expenses	\$ 698,400	\$ 655,800	\$ 812,550	16%
	<b>Total Admin Expenses</b>	<b>\$ 1,986,478</b>	<b>\$ 1,934,400</b>	<b>\$ 2,189,445</b>	<b>10%</b>

### Administration Allocation Schedule

<b>LWD Facilities</b>					
	Labor	\$ 1,041,874	\$ 1,028,120	\$ 1,109,411	6%
	Non-Labor	\$ 656,091	\$ 611,863	\$ 761,270	16%
	<b>Total LWD Facilities</b>	<b>\$ 1,697,965</b>	<b>\$ 1,639,983</b>	<b>\$ 1,870,681</b>	<b>10%</b>
<b>Batiquitos Facilities</b>					
	Labor	\$ 46,489	\$ 45,478	\$ 48,472	4%
	Non-Labor	\$ 29,282	\$ 27,065	\$ 33,269	14%
	<b>Total Batiquitos Facilities</b>	<b>\$ 75,771</b>	<b>\$ 72,544</b>	<b>\$ 81,741</b>	<b>8%</b>
<b>Recycled Water Enterprise</b>					
	Labor	\$ 20,687	\$ 28,350	\$ 26,257	27%
	Non-Labor	\$ 13,027	\$ 16,872	\$ 18,010	38%
	<b>Total RWE</b>	<b>\$ 33,714</b>	<b>\$ 45,222</b>	<b>\$ 44,267</b>	<b>31%</b>
<b>Capital Projects</b>					
	Labor	\$ 179,028	\$ 176,651	\$ 192,755	8%
	Non-Labor	\$ -	\$ -	\$ -	-
	<b>Total Capital</b>	<b>\$ 179,028</b>	<b>\$ 176,651</b>	<b>\$ 192,755</b>	<b>8%</b>
	<b>Total Admin Allocation</b>	<b>\$ 1,986,478</b>	<b>\$ 1,934,400</b>	<b>\$ 2,189,445</b>	<b>10%</b>



### Administrative Services Expense Allocation

**Leucadia Wastewater District  
Administrative Services  
Fiscal Year 2021 Operating Budget  
Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
<b>4300</b>	<b><u>Directors' Expenses</u></b>				
01-45-0000-4310	Directors' Compensation				
	Regular Board Meetings	\$ 12,000	\$ 11,600	\$ 12,000	0%
	Special Board Meetings	\$ 2,000	\$ 1,000	\$ 2,000	0%
	Committee Meetings	\$ 11,200	\$ 10,200	\$ 10,800	-4%
	CASA Meetings	\$ 9,100	\$ 5,400	\$ 8,600	-5%
	CSDA Meetings	\$ 9,600	\$ 8,200	\$ 10,000	4%
	WateReuse Meetings	\$ 3,200	\$ 2,200	\$ 3,200	0%
	CWEA Meetings	\$ 4,200	\$ 1,600	\$ 4,500	7%
	Miscellaneous Meetings	\$ 2,800	\$ 3,800	\$ 1,400	-50%
	<b>Total Directors' Compensation</b>	<b>\$ 54,100</b>	<b>\$ 44,000</b>	<b>\$ 52,500</b>	<b>-3%</b>
01-45-0000-4320	Directors' Benefits				
	Health Insurance	\$ 37,400	\$ 37,600	\$ 41,500	11%
	Life Insurance	\$ 500	\$ 400	\$ 400	-20%
	Dental Insurance	\$ 4,700	\$ 3,000	\$ 3,100	-34%
	Vision Insurance	\$ 600	\$ 600	\$ 600	0%
	PERS	\$ 2,500	\$ 2,500	\$ 3,000	20%
	<b>Total Directors' Benefits</b>	<b>\$ 45,700</b>	<b>\$ 44,100</b>	<b>\$ 48,600</b>	<b>6%</b>
01-45-0000-4330	Directors' Conferences				
	CASA	\$ 17,200	\$ 12,300	\$ 18,000	5%
	CSDA	\$ 9,800	\$ 8,600	\$ 9,600	-2%
	WateReuse	\$ 6,000	\$ 2,100	\$ 9,000	50%
	CWEA	\$ 6,600	\$ -	\$ 11,000	67%
	Misc. Directors' Conference	\$ 3,000	\$ 3,000	\$ 3,000	0%
	<b>Total Directors' Conferences</b>	<b>\$ 42,600</b>	<b>\$ 26,000</b>	<b>\$ 50,600</b>	<b>19%</b>
	<b>Total Directors' Expenses</b>	<b>\$ 142,400</b>	<b>\$ 114,100</b>	<b>\$ 151,700</b>	<b>7%</b>
<b>4400</b>	<b><u>Election</u></b>				
01-45-0000-4400	<b>Total Election Expense</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 37,000</b>	<b>100%</b>
<b>4700</b>	<b><u>Insurance</u></b>				
01-45-0000-4710	Liability Insurance	\$ 92,300	\$ 100,900	\$ 116,700	26%
01-45-0000-4715	Property Insurance	\$ 22,500	\$ 22,900	\$ 28,600	27%
01-45-0000-4720	Self Insurance	\$ 5,000	\$ -	\$ 5,000	0%
	<b>Total Insurance</b>	<b>\$ 119,800</b>	<b>\$ 123,800</b>	<b>\$ 150,300</b>	<b>25%</b>

**Leucadia Wastewater District  
Administrative Services  
Fiscal Year 2021 Operating Budget  
Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
<b>4800 Memberships</b>					
01-45-0000-4810	Professional & Employees				
	CSDA	\$ 7,500	\$ 7,800	\$ 8,000	7%
	WEF/CWEA/SWRCB	\$ 5,200	\$ 5,200	\$ 5,400	4%
	CASA	\$ 9,100	\$ 8,900	\$ 13,600	49%
	Chamber - Encinitas	\$ 300	\$ 300	\$ 300	0%
	Chamber - Carlsbad	\$ 900	\$ 900	\$ 900	0%
	WaterReuse	\$ 1,800	\$ 2,100	\$ 2,300	28%
	SDEA	\$ 700	\$ 700	\$ 700	0%
	SCAP	\$ 600	\$ 600	\$ 1,700	183%
	GFOA	\$ 200	\$ 700	\$ 700	250%
	CSMFO	\$ 200	\$ 200	\$ 200	0%
	CA Dept Consumer Affairs	\$ -	\$ -	\$ 250	100%
	Amazon	\$ 200	\$ 200	\$ 200	0%
	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	\$ -	-100%
	SHRM	\$ -	\$ -	\$ 300	100%
	<b>Total Memberships</b>	<b>\$ 30,200</b>	<b>\$ 31,100</b>	<b>\$ 37,850</b>	<b>25%</b>
<b>4900 Office Expenses</b>					
01-45-0000-4910	Office and Cleaning Supplies	\$ 13,000	\$ 13,000	\$ 14,000	8%
01-45-0000-4920	Postage and Shipping	\$ 5,000	\$ 4,000	\$ 5,000	0%
01-45-0000-4925	File Archive Service	\$ 1,500	\$ 1,200	\$ 1,500	0%
01-45-0000-4930	Subscriptions:				
	Union Tribune	\$ 800	\$ 800	\$ 800	0%
	CA Labor Law Posters & Required Pamphlets	\$ 200	\$ 200	\$ 200	0%
	Misc. Publications	\$ 500	\$ 800	\$ 800	60%
	Total Subscriptions	\$ 1,500	\$ 1,800	\$ 1,800	20%
01-45-0000-4950	Computer Software and Misc. Hardware:				
	Accounting Software Support	\$ 8,100	\$ 8,100	\$ 8,400	4%
	Transfer Sewer Service Data to ASCI Format	\$ 600	\$ 500	\$ 600	0%
	Update Website with Security & Feature Improvements	\$ 4,000	\$ 3,000	\$ 3,000	-25%
	Miscellaneous Computer Equipment	\$ 6,000	\$ 2,500	\$ 11,500	92%
	Replace iPad	\$ 4,200	\$ 3,600	\$ -	-100%
	Software Renewals, Maintenance & Upgrades	\$ 10,000	\$ 10,300	\$ 15,200	52%
	Total Computer Service	\$ 32,900	\$ 28,000	\$ 38,700	18%
01-45-0000-4960	Burglar & Fire Alarm	\$ 1,200	\$ 1,100	\$ 1,100	-8%
	<b>Total Office Expenses</b>	<b>\$ 55,100</b>	<b>\$ 49,100</b>	<b>\$ 62,100</b>	<b>13%</b>



**Leucadia Wastewater District  
Administrative Services  
Fiscal Year 2021 Operating Budget  
Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
<b>5200 Professional Services</b>					
01-45-0000-5220	Legal Service				
	Board Meeting Attendance & Preparation	\$ 10,000	\$ 10,000	\$ 10,000	0%
	Misc. Legal Services	\$ 40,000	\$ 20,000	\$ 40,000	0%
	Total Legal Services	<u>\$ 50,000</u>	<u>\$ 30,000</u>	<u>\$ 50,000</u>	0%
01-45-0000-5225	Financial Service				
	OPEB Actuarial	\$ 6,800	\$ 6,000	\$ 1,800	-74%
	PERS Actuarial	\$ 900	\$ 700	\$ 900	0%
	Investment Mgmt. Services	\$ 19,500	\$ 17,500	\$ 19,000	-3%
	Total Financial Services	<u>\$ 27,200</u>	<u>\$ 24,200</u>	<u>\$ 21,700</u>	-20%
01-45-0000-5226	Network Support/Consulting Services				
	Managed Services	\$ 12,000	\$ 12,000	\$ 16,500	38%
	Routine/Emergency Network Maintenance	\$ 13,000	\$ 32,000	\$ 25,000	92%
	Total Network Support/Consulting Services	<u>\$ 25,000</u>	<u>\$ 44,000</u>	<u>\$ 41,500</u>	66%
01-45-0000-5227	Management Support Services				
	Strategic Planning Facilitator	\$ -	\$ -	\$ 12,000	100%
	General Services	\$ 35,000	\$ 33,000	\$ 25,000	-29%
	Total Management Support Services	<u>\$ 35,000</u>	<u>\$ 33,000</u>	<u>\$ 37,000</u>	6%
01-45-0000-5240	Auditor				
	Annual Audit	\$ 23,000	\$ 23,000	\$ 24,000	4%
	Total Auditor	<u>\$ 23,000</u>	<u>\$ 23,000</u>	<u>\$ 24,000</u>	4%
01-45-0000-5250	Bank Fees	\$ 1,000	\$ 600	\$ 1,000	0%
01-45-0000-5260	Public Information				
	Outreach Program	\$ 50,000	\$ 50,000	\$ 52,000	4%
	Teacher Grant Program	\$ 6,000	\$ 5,000	\$ 6,000	0%
	Total Public Information	<u>\$ 56,000</u>	<u>\$ 55,000</u>	<u>\$ 58,000</u>	4%
	<b>Total Professional Services</b>	<b><u>\$ 217,200</u></b>	<b><u>\$ 209,800</u></b>	<b><u>\$ 233,200</u></b>	7%
<b>5300 Printing &amp; Publishing</b>					
01-45-0000-5310	Advertising	\$ 4,500	\$ 4,500	\$ 4,600	2%
01-45-0000-5320	Printing (Newsletter Publishing)	\$ 25,000	\$ 23,000	\$ 25,000	0%
	<b>Total Printing &amp; Publishing</b>	<b><u>\$ 29,500</u></b>	<b><u>\$ 27,500</u></b>	<b><u>\$ 29,600</u></b>	0%
<b>5400 Rents &amp; Leases</b>					
01-45-0000-5420	Office Equipment Rental				
	Postage Meter	\$ 500	\$ 600	\$ 700	40%
	Copier Lease/Maintenance Contract	\$ 11,000	\$ 8,000	\$ 10,000	-9%
		<u>\$ 11,500</u>	<u>\$ 8,600</u>	<u>\$ 10,700</u>	-7%
	<b>Total Rents &amp; Leases</b>	<b><u>\$ 11,500</u></b>	<b><u>\$ 8,600</u></b>	<b><u>\$ 10,700</u></b>	-7%

**Leucadia Wastewater District  
Administrative Services  
Fiscal Year 2021 Operating Budget  
Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
<b>5500      <u>Repair &amp; Maintenance</u></b>					
01-45-0000-5570	Office Equipment Repair & Maintenance				
	Telephone Equipment	\$ 500	\$ 200	\$ 500	0%
	Computers, Printers, Fax	\$ 1,000	\$ -	\$ 1,000	0%
	<b>Total Repairs &amp; Maintenance</b>	<b>\$ 1,500</b>	<b>\$ 200</b>	<b>\$ 1,500</b>	<b>0%</b>
<b>5700      <u>Training and Development</u></b>					
01-45-0000-5710	Training, Education & Conferences	\$ 37,700	\$ 37,000	\$ 38,400	2%
01-45-0000-5720	Mileage & Transportation	\$ 100	\$ 100	\$ 100	0%
01-45-0000-5735	Employee Recognition	\$ 7,000	\$ 8,900	\$ 9,000	29%
01-45-0000-5740	Meeting Supplies	\$ 2,000	\$ 1,500	\$ 2,000	0%
	<b>Total Travel &amp; Conferences</b>	<b>\$ 46,800</b>	<b>\$ 47,500</b>	<b>\$ 49,500</b>	<b>6%</b>
<b>5900      <u>Utilities</u></b>					
01-45-0000-5910	Telephone				
	Answering Service	\$ 1,100	\$ 1,100	\$ 1,100	0%
	Elevator/Emergency Phone Service	\$ 2,600	\$ 2,700	\$ 2,700	4%
	Telephone/Internet Service	\$ 18,000	\$ 18,000	\$ 21,600	20%
	Cellular Phone Service	\$ 13,000	\$ 13,100	\$ 14,000	8%
	Web Page Hosting	\$ 2,000	\$ 1,800	\$ 2,000	0%
	<b>Total Utilities</b>	<b>\$ 36,700</b>	<b>\$ 36,700</b>	<b>\$ 41,400</b>	<b>13%</b>
<b>6000      <u>Unclassified</u></b>					
01-45-0000-6100	LAFCO Operations	\$ 7,700	\$ 7,400	\$ 7,700	0%
	<b>Total Unclassified</b>	<b>\$ 7,700</b>	<b>\$ 7,400</b>	<b>\$ 7,700</b>	<b>0%</b>
<b>TOTAL ADMINISTRATION EXPENSES</b>		<b>\$ 698,400</b>	<b>\$ 655,800</b>	<b>\$ 812,550</b>	<b>16%</b>

# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2021 BUDGET DEVELOPMENT

## Program Overview:

The FY21 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. 139 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 2021 Operating Budget  
Expense Summary**

Account	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
<b>Development Expenses:</b>					
Labor:					
	Salaries & Benefits	\$ 6,643	\$ 7,200	\$ 7,553	14%
Non-Labor Expenses:					
5200	Professional Services				
5210	District Engineering Services	\$ 80,000	\$ 71,000	\$ 70,000	-13%
5220	Legal Services	\$ 4,000	\$ 1,500	\$ 4,000	0%
5221	LAFCO Fees - Annexation	\$ 9,000	\$ 19,300	\$ 19,500	117%
5222	State Board - Annexation Fees	\$ 900	\$ 700	\$ 900	0%
	<b>Total Professional Services</b>	<b>\$ 93,900</b>	<b>\$ 92,500</b>	<b>\$ 94,400</b>	<b>1%</b>
	<b>Total Development Expenses</b>	<b>\$ 100,543</b>	<b>\$ 99,700</b>	<b>\$ 101,953</b>	<b>1%</b>

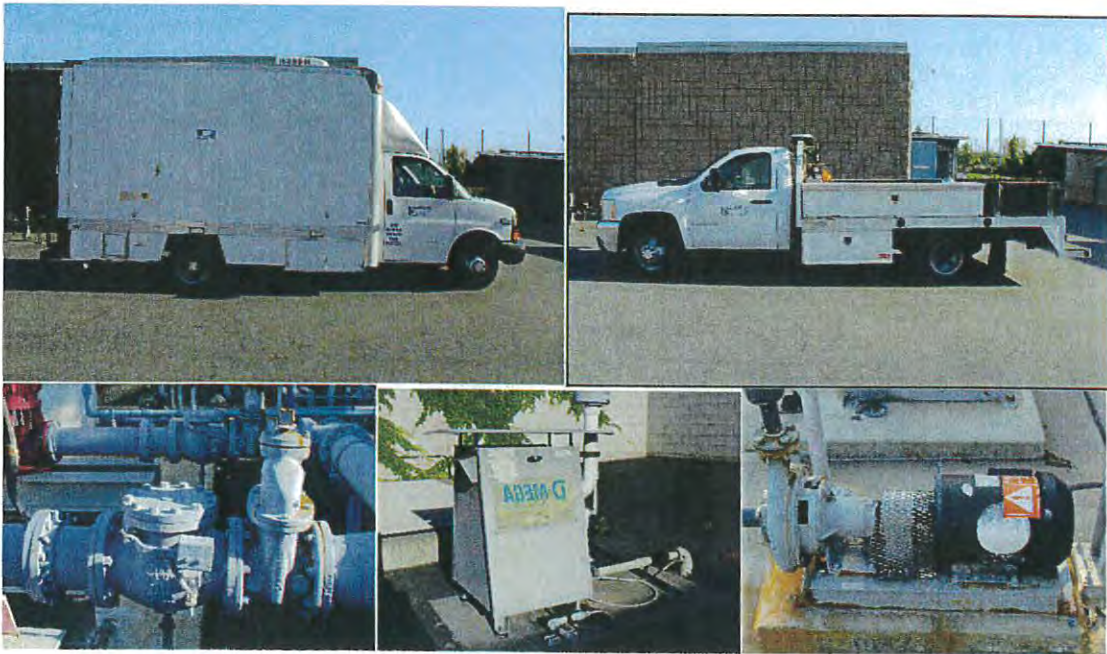
# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2021 CAPITAL BUDGET CAPITAL ACQUISITIONS

## 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 FY21 Capital Acquisition Program include the purchases of a new close circuit TV truck, a new pump station pickup truck, two new Vapex odor control machines, and replacement of critical sewer maintenance equipment. The three key components of the Recycled Water Facilities are to replace the effluent discharge and check valves and replace the irrigation pumps.

**Leucadia Wastewater District  
Fiscal Year 2021 Capital Budget  
Capital Acquisition Expense Summary**

<u>Account</u>	<u>Description</u>	<u>FY 2020 Budget</u>	<u>FY 2020 Projected</u>	<u>FY 2021 Budget</u>	<u>% Change Bud to Bud</u>
<b>Wastewater (LWD Facilities)</b>					
6310	Vehicle Acquisition	\$ 529,000	\$ 538,000	\$ 365,000	-31%
6320	Buildings & Grounds	\$ 91,500	\$ 87,000	\$ 17,000	-81%
6350	Sewer Maintenance Equipment	\$ 368,300	\$ 274,500	\$ 52,900	-86%
6360	Office Equipment	\$ 9,000	\$ 7,400	\$ 42,500	372%
6380	Pump Station Equipment	\$ 71,700	\$ 58,900	\$ 110,300	54%
<b>Wastewater (Batiqitos Facilities)</b>					
6380	Bat. Pump Station Equipment	\$ 43,500	\$ 35,700	\$ 116,300	167%
<b>Total Wastewater Facilities</b>		<u>\$ 1,113,000</u>	<u>\$ 1,001,500</u>	<u>\$ 704,000</u>	-37%
<b>Recycled Water</b>					
6390	AWT Equipment	\$ 40,600	\$ 46,100	\$ 35,100	-14%
<b>Total Recycled Water Facilities</b>		<u>\$ 40,600</u>	<u>\$ 46,100</u>	<u>\$ 35,100</u>	-14%
<b>Total Capital Acquisitions</b>		<u><u>\$ 1,153,600</u></u>	<u><u>\$ 1,047,600</u></u>	<u><u>\$ 739,100</u></u>	-36%

**Leucadia Wastewater District  
Fiscal Year 2021 Capital Budget  
Capital Acquisition Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
<b>6300</b>	<b>Capital Acquisitions</b>				
<b>Wastewater (Leucadia Facilities)</b>					
50-99-0000- 6310	Vehicle Acquisition				
	3/4 ton Pickup Truck (On call)	\$ 65,000	\$ 71,500	\$ -	-100%
	Vactor Truck Replacement	\$ 433,000	\$ 433,000	\$ -	-100%
	1/2 Ton Pickup Truck (Mark out)	\$ 31,000	\$ 33,500	\$ -	-100%
	Pump Station Replacement Truck	\$ -	\$ -	\$ 75,000	100%
	CCTV Replacement Truck	\$ -	\$ -	\$ 290,000	100%
	<b>Subtotal Vehicle Acquisition</b>	<b>\$ 529,000</b>	<b>\$ 538,000</b>	<b>\$ 365,000</b>	<b>-31%</b>
50-99-0000- 6320	Buildings & Grounds				
	HVAC Rehabilitation	\$ 70,000	\$ 57,500	\$ -	-100%
	Security Cameras	\$ 13,000	\$ 20,900	\$ -	-100%
	Replace Rain Gutters	\$ 8,500	\$ 8,600	\$ -	-100%
	Replace Gate Operators	\$ -	\$ -	\$ 17,000	100%
	<b>Subtotal Buildings &amp; Grounds</b>	<b>\$ 91,500</b>	<b>\$ 87,000</b>	<b>\$ 17,000</b>	<b>-81%</b>
50-99-0000- 6350	Sewer Maintenance Equipment				
	Vactor Nozzle Kit	\$ 5,000	\$ 5,000	\$ 5,000	0%
	Replace CCTV Equipment	\$ 20,000	\$ 18,500	\$ 20,000	0%
	Critical Inventory (Domes/Rings/Couplings)	\$ 16,000	\$ 16,000	\$ 16,000	0%
	Emergency By-pass to Replace Big Blue	\$ 185,000	\$ 77,700	\$ -	-100%
	Emergency (2) Portable Generators	\$ 136,100	\$ 151,200	\$ -	-100%
	Replace 2 Gas Monitors	\$ 6,200	\$ 6,100	\$ 6,200	0%
	Portable Trash Pump	\$ -	\$ -	\$ 5,700	100%
	<b>Subtotal Sewer Maintenance Equipment</b>	<b>\$ 368,300</b>	<b>\$ 274,500</b>	<b>\$ 52,900</b>	<b>-86%</b>
50-99-0000- 6360	Office Equipment				
	Back up SCADA Server	\$ 9,000	\$ 2,400	\$ -	-100%
	5 Laptops for Remote Access	\$ -	\$ 5,000	\$ -	
	Refurbished Dell Server	\$ -	\$ -	\$ 7,700	100%
	Website Development	\$ -	\$ -	\$ 34,800	100%
	<b>Subtotal Office Equipment</b>	<b>\$ 9,000</b>	<b>\$ 7,400</b>	<b>\$ 42,500</b>	<b>372%</b>
50-99-0000- 6380	Pump Station Equipment				
	Install Pump Deragger Controllers at PSs	\$ 30,600	\$ 16,800	\$ -	-100%
	Rebuilt Muffin Monster	\$ 32,100	\$ 33,400	\$ -	-100%
	ATS Generator switch for VP 5 PS	\$ 9,000	\$ 8,700	\$ -	-100%
	Replace Vapex Odor Control Machine	\$ -	\$ -	\$ 110,300	
	<b>Subtotal Pump Station Equipment</b>	<b>\$ 71,700</b>	<b>\$ 58,900</b>	<b>\$ 110,300</b>	<b>54%</b>

**Leucadia Wastewater District  
Fiscal Year 2021 Capital Budget  
Capital Acquisition Expense Detail**

Acct #	Description	FY 2020 Budget	FY 2020 Projected	FY 2021 Budget	% Change Bud to Bud
<b><u>Wastewater (Batiquitos Joint Facilities)</u></b>					
50-99-0022- 6380	Pump Station Equipment				
	Replace Generator Exhaust Muffler	\$ 18,500	\$ 18,000	\$ -	-100%
	Makeup Air Fan Replacement	\$ 25,000	\$ 17,700	\$ -	-100%
	Emergency by-pass connector	\$ -	\$ -	\$ 6,000	
	Replace Vapex Odor Control Machine	\$ -	\$ -	\$ 110,300	
	<b>Subtotal Batiquitos Joint Facilities Equipment</b>	<b>\$ 43,500</b>	<b>\$ 35,700</b>	<b>\$ 116,300</b>	167%
	<b>TOTAL WASTEWATER FACILITIES</b>	<b>\$ 1,113,000</b>	<b>\$ 1,001,500</b>	<b>\$ 704,000</b>	-37%
<b><u>Recycled Water Facilities</u></b>					
50-99-0019- 6390	AWT Equipment				
	Chemical Metering Pump	\$ 5,100	\$ 5,000	\$ 5,100	0%
	EEPS - Replace AC Unit	\$ 8,000	\$ 8,400	\$ -	-100%
	Rebuild Effluent Pump	\$ 20,000	\$ 25,700	\$ -	-100%
	Replace Makeup Air & Supply Fan	\$ 7,500	\$ 7,000	\$ -	-100%
	Irrigation Supply Pumps	\$ -	\$ -	\$ 22,500	100%
	Replace Check & Effluent Valves	\$ -	\$ -	\$ 7,500	100%
	<b>Subtotal AWT Equipment</b>	<b>\$ 40,600</b>	<b>\$ 46,100</b>	<b>\$ 35,100</b>	-14%
	<b>TOTAL RECYCLED WATER FACILITIES</b>	<b>\$ 40,600</b>	<b>\$ 46,100</b>	<b>\$ 35,100</b>	-14%
	<b>Total Capital Acquisitions</b>	<b>\$ 1,153,600</b>	<b>\$ 1,047,600</b>	<b>\$ 739,100</b>	-36%



**LEUCADIA WASTEWATER DISTRICT  
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS SUMMARY  
FISCAL YEAR 2021**

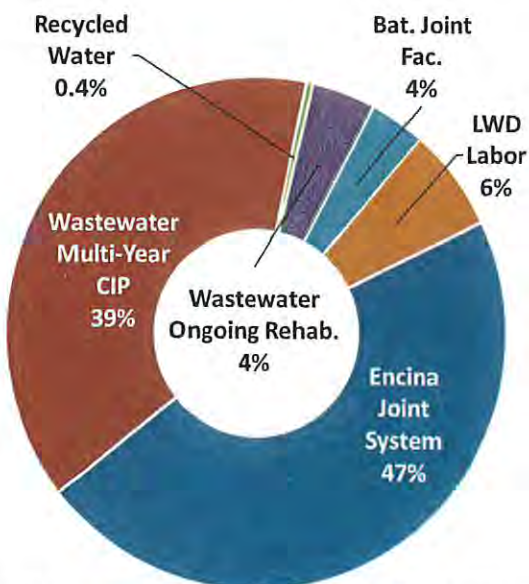
Location Code	Projects	1 Prior Appropriations	2 Projected Cumulative Expenditures	3 Projected Remaining Appropriations =(1 - 2)	4 Projected Carryover	5 FY 2021 Appropriation	6 Projected Remaining CIP Appropriation =(4 + 5)
<b>Wastewater Program</b>							
<i>Leucadia Facilities Multi-year CIP:</i>							
0358	Leucadia Pump Station Rehabilitation	\$ 3,555,800	\$ 700,200	\$ 2,855,600	\$ 2,855,600	\$ 1,702,000	\$ 4,557,600
0364	Encinitas Estates Pump Station Replacement	\$ 1,195,000	\$ 122,200	\$ 1,072,800	\$ 1,072,800	\$ -	\$ 1,072,800
0365	Orchard Wood Rd. Sewer Rehabilitation	\$ 793,500	\$ 103,600	\$ 689,900	\$ 689,900	\$ -	\$ 689,900
0371	FY2020 Gravity Pipeline Rehab/Quebrada Realign	\$ 1,175,000	\$ 66,000	\$ 1,109,000	\$ 1,109,000	\$ -	\$ 1,109,000
0372	Diana Pump Station Upgrade	\$ 162,800	\$ 11,600	\$ 151,200	\$ 151,200	\$ 402,000	\$ 553,200
0373	Hazard Mitigation Plan Update	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000
0377	FY 2021 Gravity Pipeline Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ 665,000	\$ 665,000
0378	FY 2021 L1/L2 Force Main Anode Replacement	\$ -	\$ -	\$ -	\$ -	\$ 35,750	\$ 35,750
0379	Village Park 5 Pump Station New Chopper Pumps	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
	<b>Leucadia Multi-year CIP Total:</b>	<b>\$ 6,882,100</b>	<b>\$ 1,003,600</b>	<b>\$ 5,878,500</b>	<b>\$ 5,878,500</b>	<b>\$ 2,919,750</b>	<b>\$ 8,798,250</b>
<i>Leucadia Facilities Ongoing Rehabilitation:</i>							
0077	Misc. Pipeline/Manhole/PS Rehabilitation	\$ 202,500	\$ 293,800	\$ (91,300)	n/a	\$ 204,500	\$ 204,500
0323	Lateral Repl. / Backflow Preventer Program	\$ 102,000	\$ 64,000	\$ 38,000	n/a	\$ 104,000	\$ 104,000
	<b>Leucadia Rehab Total:</b>	<b>\$ 304,500</b>	<b>\$ 357,800</b>	<b>\$ (53,300)</b>	<b>n/a</b>	<b>\$ 308,500</b>	<b>\$ 308,500</b>
<i>Batiquitos Joint Facilities:</i>							
0361	Poinsettia Station Gravity Pipeline Project	\$ 1,040,000	\$ 1,022,800	\$ 17,200	\$ 17,200	\$ -	\$ 17,200
0374	Batiquitos FM (B3) Discharge Section Repl.	\$ 535,500	\$ 535,500	\$ -	\$ -	\$ -	\$ -
0375	Batiquitos PS Emergency Basin Upgrade	\$ -	\$ -	\$ -	\$ -	\$ 98,000	\$ 98,000
0376	Batiquitos Pump Station Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000
	<b>Jointly-Owned Facilities Total:</b>	<b>\$ 1,575,500</b>	<b>\$ 1,558,300</b>	<b>\$ 17,200</b>	<b>\$ 17,200</b>	<b>\$ 273,000</b>	<b>\$ 290,200</b>
<i>Encina Joint System:</i>							
0072	Capital Improvement Projects	\$ 10,307,357	\$ 7,681,517	\$ 2,625,840	\$ 2,625,840	\$ 3,273,726	\$ 5,899,566
	Planned Asset Replacement	\$ 162,479	\$ 162,479	\$ -	n/a	\$ 165,822	\$ 165,822
	Capital Acquisitions	\$ 57,305	\$ 57,305	\$ -	n/a	\$ 58,246	\$ 58,246
	<b>EWA Capital Program Total</b>	<b>\$ 10,527,141</b>	<b>\$ 7,901,301</b>	<b>\$ 2,625,840</b>	<b>\$ 2,625,840</b>	<b>\$ 3,497,794</b>	<b>\$ 6,123,634</b>
<b>Recycled Water Program</b>							
<i>Recycled Water Projects:</i>							
0328	North SD Water Reuse Coalition Project	\$ 377,500	\$ 326,500	\$ 51,000	\$ 51,000	\$ 30,500	\$ 81,500
0367	B1 Force Main - North Section Replacement	\$ 526,500	\$ 22,600	\$ 503,900	\$ 503,900	\$ -	\$ 503,900
	<b>Recycled Water Program Total</b>	<b>\$ 904,000</b>	<b>\$ 349,100</b>	<b>\$ 554,900</b>	<b>\$ 554,900</b>	<b>\$ 30,500</b>	<b>\$ 585,400</b>
0302	Professional Services	\$ 25,000	\$ 1,000	\$ 24,000	n/a	\$ 21,500	\$ 21,500
0499	LWD Labor	\$ 500,849	\$ 489,000	\$ 11,849	n/a	\$ 489,558	\$ 489,558
	<b>CAPITAL PROGRAM TOTAL</b>	<b>\$ 20,719,090</b>	<b>\$ 11,660,101</b>	<b>\$ 9,058,989</b>	<b>\$ 9,076,440</b>	<b>\$ 7,540,602</b>	<b>\$ 16,617,042</b>

# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2021 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 2021 (FY21) 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 FY21. 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 FY21 Budget includes carryover appropriations for the Leucadia Pump Station (PS) Rehabilitation, Encinitas Estates PS Replacement, Orchard Wood Road Sewer Rehabilitation, FY20 Gravity Pipeline Rehabilitation, Diana PS Upgrade, Poinsettia Station Gravity Pipeline, Encina Capital Improvement Projects, North San Diego Water Reuse Coalition (NSDWRC) and the B1 Force Main North Section Replacement Project. Additional appropriations are added in FY21 for the continued construction of FY21 projects which include the Leucadia PS Rehabilitation, Diana PS Upgrade and North San Diego Water Reuse Coalition (NSDWRC) Projects. In addition, new appropriations are included for the Hazard Mitigation Plan Update, FY21 Gravity Pipeline Rehabilitation, Leucadia (L1/L2) Force Main Anode Replacement, Village Park No. 5 PS New Chopper Pumps, Batiquitos PS Emergency Basin Upgrade and Batiquitos PS Rehabilitation 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 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 FY21.

# LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2021 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 made to the Leucadia Pump Station. In September 2016 IEC commenced project design. As the design progressed, the project transformed into a major pump station rehabilitation. The final project includes replacement of the pumps, piping, discharge header and check valve configuration, installation of a permanent submersible pump in the Emergency Overflow Basin and installation of a super-oxygenation system for Hydrogen Sulfide (H<sub>2</sub>S) / odor control to the pump station. It should be noted that the last major rehabilitation of LPS was completed in July 2006. Project design was completed in November 2019 and the project was advertised for bids. In February 2020 the Board awarded the contract for project construction to Stanek Constructors, Incorporated. The Notice to Proceed was issued in March 2020. The FY21 appropriation is needed to provide adequate funding to complete construction and includes project soft costs such as Construction Management services.



**FY21 Total Appropriations**

**\$1,702,000**

### **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 is nearing completion. Based on the current estimated cost of construction no additional appropriation is needed for FY21.

**FY21 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 surrounding Scott Valley Park and adjacent to the creek. No additional appropriation is needed for FY21 at this time.

**FY21 Total Appropriations**

**None**

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

Field Service Staff continues Closed Circuit Television (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 originally consisted of open trench construction to correct 11 defects discovered during CCTV inspections and to realign the Quebrada line. As design progressed, CCTV inspections continued and 11 additional defects were identified and added to the project increasing the total to 22 segments to be repaired or replaced. Additionally, 10 new sewer manholes will be installed. 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. No additional appropriation is needed for FY21 at this time.



**FY21 Total Appropriations**

**None**

**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. An adequately sized unused property exists across the street and the District is having a property appraisal done to negotiate with the owners to obtain an easement on the property for the generator. The FY21 appropriation is to obtain the easement, complete project design and initiate construction. An additional appropriation will be requested in the future to complete project construction.

**FY21 Total Appropriations**

**\$402,000**

**Hazard Mitigation Plan Update (Location Code No. 0373)**



Natural disasters such as floods, earthquakes and tsunamis occur with little warning. Low laying coastal areas are very susceptible to these catastrophes. Additionally, the impact of sea level rise due to climate change is an emerging concern for coastal communities and environments. The District owns and maintains infrastructure that is at high risk to sustain considerable damage in the event of a natural disaster and from a rise in sea level. In April 2015, a Hazard Preparedness and Mitigation Plan was completed for the District by Titan Engineering and Consulting. Staff has applied recommendations from the Plan in CIP projects to

improve survivability, sustainability and reliability of District assets. Staff believes it is prudent to update the Plan on a periodic basis. The FY21 appropriation is to complete a Plan update.

**FY 21 Total Appropriations**

**\$15,000**

**FY2021 Gravity Pipeline Rehabilitation Project (Location Code No. 0377)**



As Field Service Staff continues CCTV inspections of the collection system, the Repair Priority List (RPL) of gravity pipeline and manhole defects continues to be populated and prioritized. Staff has implemented a system of alternating between open trench construction and Cured-In-Place Pipe (CIPP) Lining to correct defects. The FY21 Gravity Pipeline Rehabilitation Project will use the CIPP Lining method to complete pipeline repair and rehabilitation. The project will consist of CIPP lining of 18 defective segments from the RPL. The FY21 appropriation is for project design and construction.

**FY21 Total Appropriations**

**\$665,000**

**Leucadia Force Mains (L1/L2) Anode Replacement (Location Code No. 0378)**

The implementation of the 2018 Asset Management Plan includes an annual cathodic inspection of the Leucadia (L1 and L2) and Batiquitos (B2 and B3) Force Mains. As a result of the FY20 cathodic inspection, it was recommended that the District replace two depleted sacrificial anodes, one on L1 and the other on L2. The sacrificial anode prevents external corrosion of the force main. The appropriation for FY21 is for project design and installation of the replacement anodes.

**FY 21 Total Appropriations**

**\$35,750**



**Village Park No. 5 Pump Station New Chopper Pumps (Location Code No. 0379)**

Recently, the pumps at Village Park No. 5 (VP5) Pump Station have been susceptible to clogging. The pumps are standard submersible pumps. Staff believes replacing the current pumps with submersible chopper pumps will resolve the issue. Chopper pumps are designed to chop incoming solids prior to pumping. Thereby, preventing the pump from clogging. The appropriation for FY21 is for pump selection, purchasing and installation of the replacement chopper pumps.

**FY 21 Total Appropriations**

**\$100,000**

***Wastewater Enterprise Ongoing Rehabilitation***

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

The Miscellaneous Pipeline Rehabilitation account is used to rehabilitate, reline or replace pipelines and manholes that require immediate attention. The necessary repairs are identified through LWD's CCTV inspections. The raising of manholes, as part of Carlsbad's and Encinitas' annual street overlay projects,

is paid from this account. Additionally, urgent unforeseen repairs to the collection system, such as loose manhole covers due to broken manhole rings, are repaired with this appropriation.

**FY21 Total Appropriations** **\$204,500**

**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.

**FY21 Total Appropriations** **\$104,000**

***Batiquitos Jointly Owned Facilities***

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

Construction of SANDAG's Poinsettia Station Improvements (POSI) Project was completed in February 2020. Improvement of 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. Work on the District's underground facilities was completed in September 2019 and the assets are in operation. However, SANDAG has not charged the District for its portion of the work that was completed. Therefore, the account should remain open until project payment has been settled. No additional appropriation is required for FY21.



**FY21 Total Appropriations** **None**

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

The project to replace the discharge section of the Batiquitos (B3) Force Main is complete. However, the administrative and final close out of the project is ongoing. Therefore, the account should remain active until final close out is complete. No additional appropriation is needed for FY21.

**FY21 Total Appropriations** **None**

**Batiquitos PS Emergency Basin Upgrade (Location Code No. 0375)**

The construction of the Leucadia Pump Station (LPS) Rehabilitation Project is underway. During the design of that project, Staff considered various approaches to improve emergency pumping from the LPS Emergency Basin. As a result, Staff chose to have a submersible pump permanently installed in the emergency basin. The primary advantage of this approach is the ability to rapidly start pumping operations out of the basin during emergencies. During construction of the LPS Rehabilitation Project two submersible pumps will be installed in the LPS Emergency Basin and used as the pump station's

primary bypass system during construction. Upon completion of the bypass operations, one submersible pump will remain in the emergency basin as the permanently installed submersible pump. The second pump will be removed and installed in the Batiquitos Pump Station (BPS) Emergency Basin to provide the same emergency pumping capability at BPS during emergency events. This project will design and construct the upgrade of the BPS Emergency Basin for the installation of the submersible pump. The project will include the relining of the emergency basin and installation of the submersible pump and necessary appurtenances for a complete and operational system. The FY21 appropriation is for project design and construction.



**FY21 Total Appropriations** **\$98,000**

**Batiquitos Pump Station Rehabilitation (Location Code No. 0376)**

Infrastructure Engineering Corporation (IEC) completed the District's 2019 Pump Station Assessment and recommended the rehabilitation of the Batiquitos Pump Station (BPS). The recommendation included the replacement of all pumps and the emergency generator. The replacement of all pumps will require the replacement of all associated piping and valves. Based on the age of BPS, Staff believes it is prudent to replace the discharge header at the same time. The FY21 appropriation is to commence the design phase. Additional appropriations will be requested in succeeding fiscal years to complete design and for project construction.

**FY21 Total Appropriations** **\$175,000**

***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 FY21 EWA budget includes funding for the FY21 Major Rehabilitation Projects, Planned Asset Replacement, Capital Acquisition, EWA Labor, and Professional Services. LWD's portion of this work totals \$3,497,794 with \$3,273,726 for Capital Projects, \$165,822 for Planned Asset Replacement and \$58,246 for Capital Acquisitions.

**FY21 Total Appropriations** **\$3,497,794**

***Recycled Water Facilities***

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



The District is one of ten agencies that participate in the NSDWRC. 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 NSDWRC 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

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 (WRRDA) 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 to lobby for federal funding, including Title XVI and WRRDA funds. The FY21 appropriation is needed to continue the District's participation in the Coalition.

**FY21 Total Appropriations** **\$30,500**

**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 shovel ready. However, attempts to obtain federal grant funding for the project as part of the North San Diego Water Reuse Coalition project have been unsuccessful. Staff believes it is prudent to keep this account active with the anticipation that grant funding will materialize in the future. No additional appropriation is needed for FY21.

**FY21 Total Appropriations** **None**

*Professional Services (Location Code No. 0302)* **\$21,500**

*LWD Labor (Location Code No. 0499)* **\$489,558**

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<b>TOTAL NEW FY21 CIP APPROPRIATIONS</b>	<b>\$ 7,540,602</b>
<b>TOTAL PRIOR YEAR CARRYOVER</b>	<b><u>\$ 9,076,440</u></b>
<b>TOTAL CIP APPROPRIATIONS</b>	<b><u>\$ 16,617,042</u></b>

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**LEUCADIA WASTEWATER DISTRICT  
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS  
FISCAL YEAR 2021**

Description	Account No.	FY 2020 Budget	FY 2021 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	\$ 10,000	\$ 5,000	\$ 350	\$ 4,650
Consultant Engineering Services-Design	50-51-0358-5211	\$ 135,800	\$ -	\$ -	\$ -
Office Engineering	50-51-0358-5211	\$ -	\$ 100,000	\$ 7,000	\$ 93,000
Construction Management	50-51-0358-5212	\$ 55,000	\$ 30,000	\$ 2,100	\$ 27,900
District Engineering Services	50-51-0358-5213	\$ 15,000	\$ 5,000	\$ 350	\$ 4,650
Permitting/Environmental	50-51-0358-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0358-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0358-5220	\$ 1,000	\$ 2,000	\$ 140	\$ 1,860
Construction	50-51-0358-6499	\$ 1,900,000	\$ 1,560,000	\$ 109,200	\$ 1,450,800
<b>Total Leucadia Pump Station Rehabilitation</b>		<b>\$ 2,116,800</b>	<b>\$ 1,702,000</b>	<b>\$ 119,140</b>	<b>\$ 1,582,860</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>\$ -</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	\$ 1,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0365-5211	\$ 45,000	\$ -	\$ -	\$ -
Office Engineering	50-51-0365-5211	\$ 23,000	\$ -	\$ -	\$ -
Construction Management	50-51-0365-5212	\$ 17,000	\$ -	\$ -	\$ -
District Engineering Services	50-51-0365-5213	\$ 2,500	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0365-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0365-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0365-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0365-6499	\$ 297,000	\$ -	\$ -	\$ -
<b>Total Orchard Wood Rd. Sewer Rehabilitation</b>		<b>\$ 385,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</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	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0371-5211	\$ 50,000	\$ -	\$ -	\$ -
Office Engineering	50-51-0371-5211	\$ 25,000	\$ -	\$ -	\$ -
Construction Management	50-51-0371-5212	\$ 65,000	\$ -	\$ -	\$ -
District Engineering Services	50-51-0371-5213	\$ 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	\$ -	\$ -	\$ -
<b>Total FY2020 Gravity Pipeline Rehab/Quebrada Realign</b>		<b>\$ 1,175,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Diana Pump Station Upgrade</b>	<b>0372</b>			<b>17%</b>	<b>83%</b>
Direct Labor	50-51-0372-4110	\$ 3,000	\$ 10,000	\$ 1,700	\$ 8,300
Consultant Engineering Services-Design	50-51-0372-5211	\$ 144,000	\$ 30,000	\$ 5,100	\$ 24,900
Office Engineering	50-51-0372-5211	\$ -	\$ 17,500	\$ 2,975	\$ 14,525
Construction Management	50-51-0372-5212	\$ 10,800	\$ 20,000	\$ 3,400	\$ 16,600
District Engineering Services	50-51-0372-5213	\$ 5,000	\$ 5,000	\$ 850	\$ 4,150
Permitting/Environmental	50-51-0372-5214	\$ -	\$ 30,000	\$ 5,100	\$ 24,900
Public Outreach	50-51-0372-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0372-5220	\$ -	\$ 2,000	\$ 340	\$ 1,660
Construction	50-51-0372-6499	\$ -	\$ 287,500	\$ 48,875	\$ 238,625
<b>Total Diana Pump Station Upgrade</b>		<b>\$ 162,800</b>	<b>\$ 402,000</b>	<b>\$ 68,340</b>	<b>\$ 333,660</b>

**LEUCADIA WASTEWATER DISTRICT  
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS  
FISCAL YEAR 2021**

Description	Account No.	FY 2020 Budget	FY 2021 Budget	Cost Allocation	
				Growth	Replacement
<b>Hazard Mitigation Plan Update</b>	<b>0373</b>			<b>0%</b>	<b>100%</b>
Direct Labor	50-51-0373-4110	\$ -	\$ 1,000	\$ -	\$ 1,000
Consultant Engineering Services-Design	50-51-0373-5211	\$ -	\$ 11,000	\$ -	\$ 11,000
Office Engineering	50-51-0373-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0373-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0373-5213	\$ -	\$ 3,000	\$ -	\$ 3,000
Permitting/Environmental	50-51-0373-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0373-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0373-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0373-6499	\$ -	\$ -	\$ -	\$ -
<b>Total Hazard Mitigation Plan Update</b>		\$ -	\$ 15,000	\$ -	\$ 15,000
<b>FY 2021 Gravity Pipeline Rehabilitation</b>	<b>0377</b>			<b>0%</b>	<b>100%</b>
Direct Labor	50-51-0377-4110	\$ -	\$ 10,000	\$ -	\$ 10,000
Consultant Engineering Services-Design	50-51-0377-5211	\$ -	\$ 75,000	\$ -	\$ 75,000
Office Engineering	50-51-0377-5211	\$ -	\$ 25,000	\$ -	\$ 25,000
Construction Management	50-51-0377-5212	\$ -	\$ 50,000	\$ -	\$ 50,000
District Engineering Services	50-51-0377-5213	\$ -	\$ 5,000	\$ -	\$ 5,000
Permitting/Environmental	50-51-0377-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0377-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0377-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0377-6499	\$ -	\$ 500,000	\$ -	\$ 500,000
<b>Total FY 2021 Gravity Pipeline Rehabilitation</b>		\$ -	\$ 665,000	\$ -	\$ 665,000
<b>FY 2021 L1/L2 Force Main Anode Replacement</b>	<b>0378</b>			<b>0%</b>	<b>100%</b>
Direct Labor	50-51-0378-4110	\$ -	\$ 2,000	\$ -	\$ 2,000
Consultant Engineering Services-Design	50-51-0378-5211	\$ -	\$ 3,750	\$ -	\$ 3,750
Office Engineering	50-51-0378-5211	\$ -	\$ 2,500	\$ -	\$ 2,500
Construction Management	50-51-0378-5212	\$ -	\$ 2,500	\$ -	\$ 2,500
District Engineering Services	50-51-0378-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0378-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0378-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0378-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0378-6499	\$ -	\$ 25,000	\$ -	\$ 25,000
<b>Total FY 2021 L1/L2 Force Main Anode Replacement</b>		\$ -	\$ 35,750	\$ -	\$ 35,750
<b>Village Park 5 Pump Station New Chopper Pumps</b>	<b>0379</b>			<b>0%</b>	<b>100%</b>
Direct Labor	50-51-0379-4110	\$ -	\$ 2,000	\$ -	\$ 2,000
Consultant Engineering Services-Design	50-51-0379-5211	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0379-5211	\$ -	\$ 8,000	\$ -	\$ 8,000
Construction Management	50-51-0379-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0379-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0379-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0379-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0379-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0379-6499	\$ -	\$ 90,000	\$ -	\$ 90,000
<b>Total Village Park 5 Pump Station New Chopper Pumps</b>		\$ -	\$ 100,000	\$ -	\$ 100,000
<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	\$ -	\$ 2,000	\$ -	\$ 2,000
Design	50-51-0077-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0077-5212	\$ 25,000	\$ 25,000	\$ -	\$ 25,000
District Engineering Services	50-51-0077-5213	\$ 2,500	\$ 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	\$ -	\$ 50,000
Manhole Raising (Encinitas Overlay Project)	50-51-0077-6499	\$ -	\$ -	\$ -	\$ -
<b>Total Misc. Pipeline/Manhole/Pump Station Repair</b>		\$ 202,500	\$ 204,500	\$ -	\$ 204,500
<b>Lateral Repl / Backflow Preventer Program</b>	<b>0323</b>			<b>0%</b>	<b>100%</b>
Direct Labor	50-51-0323-4110	\$ 2,000	\$ 4,000	\$ -	\$ 4,000
Program costs	50-51-0323-6499	\$ 100,000	\$ 100,000	\$ -	\$ 100,000
<b>Total Lateral Repl / Backflow Preventer Program</b>		\$ 102,000	\$ 104,000	\$ -	\$ 104,000

**LEUCADIA WASTEWATER DISTRICT  
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS  
FISCAL YEAR 2021**

Description	Account No.	FY 2020 Budget	FY 2021 Budget	Cost Allocation	
				Growth	Replacement
<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	\$ -	\$ -	\$ -	\$ -
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	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0361-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0361-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0361-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0361-6499	\$ -	\$ -	\$ -	\$ -
<b>Total Poinsettia Station Gravity Pipeline Project</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	\$ 4,000	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0374-5211	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0374-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0374-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0374-5213	\$ 1,000	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0374-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0374-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0374-5220	\$ 1,000	\$ -	\$ -	\$ -
Construction	50-51-0374-6499	\$ 336,000	\$ -	\$ -	\$ -
<b>Total Batiquitos FM (B3) Discharge Section Repl</b>		<b>\$ 342,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Batiquitos PS Emergency Basin Upgrade</b>	<b>0375</b>			<b>0%</b>	<b>100%</b>
Direct Labor	50-51-0375-4110	\$ -	\$ 7,000	\$ -	\$ 7,000
Consultant Engineering Services-Design	50-51-0375-5211	\$ -	\$ 76,000	\$ -	\$ 76,000
Office Engineering	50-51-0375-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0375-5212	\$ -	\$ 10,000	\$ -	\$ 10,000
District Engineering Services	50-51-0375-5213	\$ -	\$ 5,000	\$ -	\$ 5,000
Permitting/Environmental	50-51-0375-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0375-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0375-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0375-6499	\$ -	\$ -	\$ -	\$ -
<b>Total Batiquitos PS Emergency Basin Upgrade</b>		<b>\$ -</b>	<b>\$ 98,000</b>	<b>\$ -</b>	<b>\$ 98,000</b>
<b>Batiquitos Pump Station Rehabilitation</b>	<b>0376</b>			<b>0%</b>	<b>100%</b>
Direct Labor	50-51-0376-4110	\$ -	\$ 5,000	\$ -	\$ 5,000
Consultant Engineering Services-Design	50-51-0376-5211	\$ -	\$ 150,000	\$ -	\$ 150,000
Office Engineering	50-51-0376-5211	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0376-5212	\$ -	\$ 10,000	\$ -	\$ 10,000
District Engineering Services	50-51-0376-5213	\$ -	\$ 10,000	\$ -	\$ 10,000
Permitting/Environmental	50-51-0376-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0376-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0376-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0376-6499	\$ -	\$ -	\$ -	\$ -
<b>Total Batiquitos Pump Station Rehabilitation</b>		<b>\$ -</b>	<b>\$ 175,000</b>	<b>\$ -</b>	<b>\$ 175,000</b>
<b>Encina Joint Treatment Facility</b>					
<b>Encina Joint Treatment Facilities Capital Program</b>	<b>0072</b>	<b>Remaining Appr</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	\$ 3,401,458	\$ 3,263,726	\$ -	\$ 3,263,726
<b>Total Capital Projects</b>		<b>\$ 3,411,458</b>	<b>\$ 3,273,726</b>	<b>\$ -</b>	<b>\$ 3,273,726</b>
Planned Asset Replacement & Rehabilitation	50-51-0072-6420	\$ 162,479	\$ 165,822	\$ -	\$ 165,822
Capital Acquisitions	50-51-0072-6420	\$ 57,305	\$ 58,246	\$ -	\$ 58,246
<b>Total Encina Joint Treatment Facilities Capital Program</b>		<b>\$ 3,631,242</b>	<b>\$ 3,497,794</b>	<b>\$ -</b>	<b>\$ 3,497,794</b>

**LEUCADIA WASTEWATER DISTRICT  
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS  
FISCAL YEAR 2021**

Description	Account No.	FY 2020 Budget	FY 2021 Budget	Cost Allocation	
				Growth	Replacement
<b>Recycled Water Projects</b>					
<b>North SD Water Reuse Coalition Project</b>	<b>0328</b>			<b>0%</b>	<b>100%</b>
Direct Labor	50-51-0328-4110	\$ 5,000	\$ 7,000	\$ -	\$ 7,000
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	\$ 4,000	\$ 3,000	\$ -	\$ 3,000
Legal	50-51-0328-5220	\$ 500	\$ 500	\$ -	\$ 500
<b>Total North SD Water Reuse Coalition Project</b>		<b>\$ 29,500</b>	<b>\$ 30,500</b>	<b>\$ -</b>	<b>\$ 30,500</b>
<b>B1 Force Main - Northern Section Replacement</b>	<b>0367</b>			<b>0%</b>	<b>100%</b>
Direct Labor	50-51-0367-4110	\$ -	\$ -	\$ -	\$ -
Consultant Engineering Services-Design	50-51-0367-5211	\$ -	\$ -	\$ -	\$ -
Office Engineering	50-51-0367-5212	\$ -	\$ -	\$ -	\$ -
Construction Management	50-51-0367-5212	\$ -	\$ -	\$ -	\$ -
District Engineering Services	50-51-0367-5213	\$ -	\$ -	\$ -	\$ -
Permitting/Environmental	50-51-0367-5214	\$ -	\$ -	\$ -	\$ -
Public Outreach	50-51-0367-5216	\$ -	\$ -	\$ -	\$ -
Legal	50-51-0367-5220	\$ -	\$ -	\$ -	\$ -
Construction	50-51-0367-6499	\$ -	\$ -	\$ -	\$ -
<b>Total B1 Force Main - Northern Section Replacement</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Professional Services</b>	<b>0302</b>				
District Engineering Services	50-51-0302-5213	\$ 25,000	\$ 21,500	\$ -	\$ 21,500
<b>Total Professional Services</b>		<b>\$ 25,000</b>	<b>\$ 21,500</b>	<b>\$ -</b>	<b>\$ 21,500</b>
<b>LWD Labor</b>	<b>0499</b>				
Direct Labor	50-51-0499-4110	\$ 286,821	\$ 296,803	\$ -	\$ 296,803
Administration Labor	50-51-0499-6995	\$ 179,028	\$ 192,755	\$ -	\$ 192,755
<b>Total LWD Labor</b>		<b>\$ 465,849</b>	<b>\$ 489,558</b>	<b>\$ -</b>	<b>\$ 489,558</b>
<b>TOTAL CIP PROGRAM</b>		<b>\$ 8,638,191</b>	<b>\$ 7,540,602</b>	<b>\$ 187,480</b>	<b>\$ 7,353,122</b>

Total Direct Labor           \$ 361,803  
Total District Engineering Services   \$ 60,000