

Leucadia Wastewater District

PROPOSED

Fiscal Year 2022 Budget



LEUCADIA
WASTEWATER
DISTRICT

LEADERS IN
ENVIRONMENTAL
PROTECTION

LEUCADIA WASTEWATER DISTRICT

FISCAL YEAR 2022 PROPOSED BUDGET

BOARD OF DIRECTORS

DON OMSTED, PRESIDENT
JUDY HANSON, VICE PRESIDENT
ELAINE SULLIVAN, DIRECTOR
MATTHEW BROWN, DIRECTOR
ALLAN JULIUSSEN, 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:

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Cover photograph taken at Ponto Beach by Judy Pattik

LEUCADIA WASTEWATER DISTRICT

FISCAL YEAR 2022 BUDGET

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June 3, 2021

Leucadia Wastewater District
Board of Directors

Honorable President and Members of the Board of Directors:

I am pleased to submit the Fiscal Year 2022 (FY22) 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 FY22 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 FY22 Budget includes a Development Services expense budget that is fully funded by developer deposits. The key elements of the FY22 Budget are summarized as follows:

REVENUES AND OTHER FUNDS

Funds available for FY22 total approximately \$14.9 million, of which \$14.0 million is from revenue sources. Table 1 summarizes the major revenue sources.

Table 1
Revenue Summary

| Revenue Source | Amount | % of Total |
|------------------------------|----------------------|-------------------|
| Wastewater Services Charges | \$ 10,879,991 | 78% |
| Recycled Water Sales | 350,000 | 2% |
| Property Taxes | 1,988,000 | 14% |
| Capacity Fees | 162,848 | 1% |
| Interest Income | 316,000 | 2% |
| Developer Fees | 88,799 | 1% |
| Other | 219,100 | 2% |
| Total Revenue | \$ 14,004,738 | 100% |
| Net Transfers from Reserves | 821,501 | |
| Total Funds Available | \$ 14,826,239 | |

Wastewater Operations

Wastewater service charges, LWD's major funding source, are projected to be \$10.9 million, which represents 78% of total revenue. Wastewater service charges are expected to increase by \$988,881 due to an increase in the sewer service rate. Property taxes, LWD's second largest revenue source, are projected to be \$2.0 million and represents approximately 14% of total revenue. Property taxes are expected to increase about \$118,000 due to increases in property valuations. Investment Income is projected at \$316,000 or approximately 2% of total income. This is a decrease of \$142,000 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 2% or \$251,647 of total revenue.

Recycled Water Operations

Recycled water sales revenue is projected to be \$350,000, which represents about 2% of total revenue. This is in line with the FY21 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 FY22 budget has been developed assuming the recycled water facility will be operational for the full year.

It is anticipated that an additional \$821,000 will be transferred from reserve to help cover projected capital expenditures.

EXPENDITURES AND OTHER USES OF FUNDS

Expenditures for FY22 total \$14.9 million. Table 2 summarizes these expenses.

**Table 2
 Expenditure Summary**

| Program Expenditures | Amount | % of Total |
|-------------------------------------|----------------------|-------------------|
| Wastewater Operations | | |
| Leucadia Facilities | \$ 7,784,738 | 53% |
| Baticuitos Joint Facilities | 458,880 | 3% |
| Recycled Water Operations | 328,476 | 2% |
| Total Operating Expenditures | \$ 8,572,094 | 58% |
| Development Services | 88,799 | 1% |
| Total Development Services | \$ 88,799 | 1% |
| Capital Acquisitions | 475,200 | 3% |
| Capital Improvement Projects | 5,690,146 | 38% |
| Total Capital Expenditures | \$ 6,165,346 | 42% |
| Total Expenditures | \$ 14,826,239 | 100% |

Operating Program Expenses

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

For the FY22 Operating Budget, the proposed budgeted expenses for Wastewater Operations are \$8.2 million. This includes LWD's share of the Encina treatment plant expenses of approximately \$2.7 million. This is an increase of approximately \$254,000, or 3%, over the prior year's budget. This is largely due to increases in insurance, professional services, and Encina treatment expenses.

The FY22 projected operating expenses for the Recycled Water Operations are approximately \$328,000, which is an increase of 15% from the prior year. The increase is due to increased repairs and maintenance expense and personnel costs. The Recycled Water operating expenses remain fully funded through recycled water sales revenue.

LWD's overall Administrative Services Budget will increase approximately \$150,000 or 7% from the FY21 budget. The primary drivers of the increase are a one time Board redistricting expense (\$30,000), insurance expense increase (\$30,000), and new professional accounting expense (\$120,000). These increases are partially offset by minor reduction in other areas. 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 FY22 Capital Acquisition Program totals \$475,200 and includes the purchase of a flatbed truck with a crane, the replacement of CCTV equipment, the purchase of an emergency by-pass pump, the replacement of various pump station equipment items, the reclaimed water supply pump replacement, 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 FY22 CIP Budget is \$5.7 million and includes funding for the wastewater and recycled water enterprises. The key components include: the Village Park 7 Pump Station Rehabilitation project (\$415K), the 2022 Gravity Pipeline Rehabilitation project (\$400K), the Batiquitos Pump Station Emergency Basin Upgrade project (\$555K), and LWD's portion of the Encina Joint Treatment Facility capital budget (\$3.5M), and various pipeline repair projects.

LONG TERM DEBT OBLIGATIONS

There are currently no FY22 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 FY22 is approximately \$2.7 million.

When non-operating revenues, such as capacity fees and property taxes, are not sufficient to cover capital expenditures, funds are transferred from the Capital Reserves. Approximately \$3.5 million is budgeted to be transferred from the Capital Reserves to cover the additional Wastewater capital expenditures in FY22.

In addition, approximately \$9,500 is budgeted to be transferred from 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 FY22. 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, Kelly Gil, and Mark Brechbiel for their assistance in this effort. If you have any questions or need additional information in your review of the FY22 Annual Budget, please contact Richard Duffey at (760) 753-0155, ext. 3012.

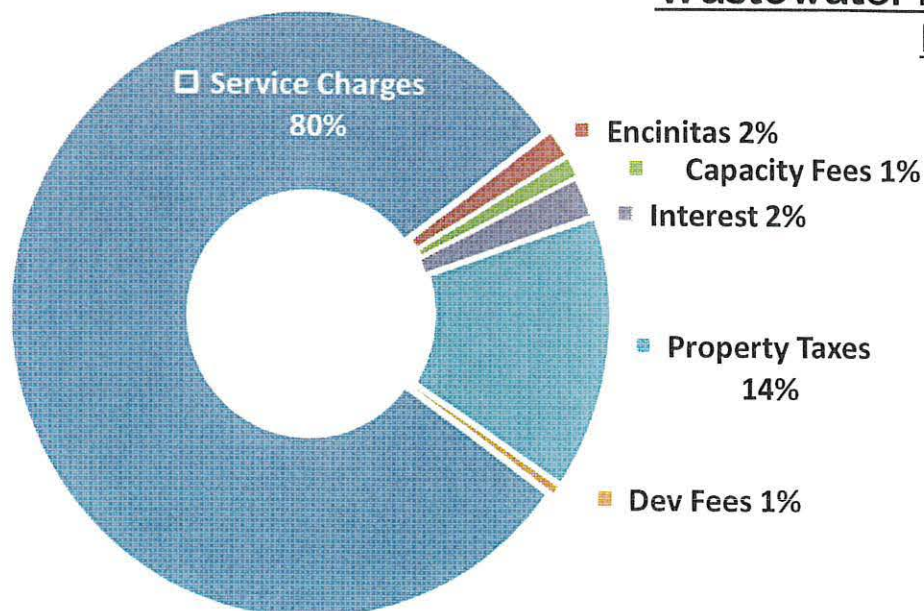
Respectfully submitted,

Paul J. Bushee
General Manager

**Leucadia Wastewater District
Fiscal Year 2022 Operating & Capital Budgets
Wastewater Program Summary**

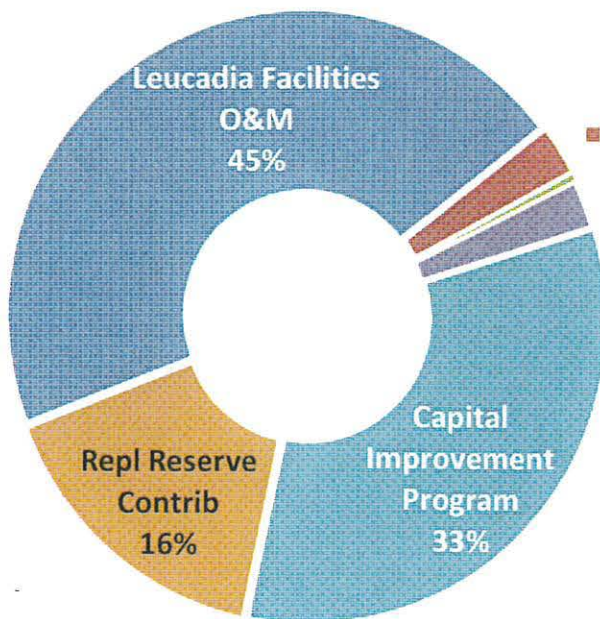
| SOURCES OF FUNDS | FY 2021 BUDGET | FY 2021 PROJECTED | FY 2022 PROPOSED | % Change Bud to Bud |
|---|---------------------------|------------------------------|-----------------------------|--------------------------------|
| OPERATING REVENUES | | | | |
| Service Charges | \$ 9,891,110 | \$ 9,876,000 | \$ 10,879,991 | 10% |
| Encinitas O&M (Batiquitos Facilities) | \$ 89,800 | \$ 88,100 | \$ 91,800 | 2% |
| TOTAL ESTIMATED OPERATING REVENUE | \$ 9,980,910 | \$ 9,964,100 | \$ 10,971,791 | 10% |
| NON-OPERATING REVENUES | | | | |
| Encinitas Capital (Batiquitos Facilities) | \$ 86,200 | \$ 49,200 | \$ 127,300 | 48% |
| Capacity Fees | \$ 305,340 | \$ 156,000 | \$ 162,848 | -47% |
| Interest Income | \$ 442,000 | \$ 359,000 | \$ 302,000 | -32% |
| Developer Fees | \$ 101,953 | \$ 45,600 | \$ 88,799 | -13% |
| Property Taxes | \$ 1,870,000 | \$ 1,882,000 | \$ 1,988,000 | 6% |
| TOTAL NON-OPERATING REVENUE | \$ 2,805,493 | \$ 2,491,800 | \$ 2,668,947 | -5% |
| OTHER SOURCES OF FUNDS | | | | |
| Transfer from Capital Replacement Reserve | \$ 6,435,062 | \$ 8,236,200 | \$ 3,540,198 | -45% |
| TOTAL OTHER SOURCES OF FUNDS | \$ 6,435,062 | \$ 8,236,200 | \$ 3,540,198 | -45% |
| TOTAL FUNDS AVAILABLE | \$ 19,221,465 | \$ 20,692,100 | \$ 17,180,936 | -11% |

**Wastewater Program
Revenues**



**Leucadia Wastewater District
Fiscal Year 2022 Operating & Capital Budgets
Wastewater Program Summary**

| USES OF FUNDS | FY 2021 BUDGET | FY 2021 PROJECTED | FY 2022 PROPOSED | % Change Bud to Bud |
|--|---------------------------|------------------------------|-----------------------------|--------------------------------|
| OPERATING EXPENDITURES | | | | |
| Leucadia Facilities | \$ 7,540,214 | \$ 7,333,076 | \$ 7,784,738 | 3% |
| Batiquitos Joint Facilities | \$ 449,044 | \$ 440,559 | \$ 458,880 | 2% |
| TOTAL OPERATING EXPENSES | \$ 7,989,258 | \$ 7,773,635 | \$ 8,243,618 | 3% |
| DEVELOPMENT EXPENDITURES | | | | |
| Development Expenses | \$ 101,953 | \$ 45,600 | \$ 88,799 | -13% |
| TOTAL DEVELOPMENT EXPENSES | \$ 101,953 | \$ 45,600 | \$ 88,799 | -13% |
| CAPITAL EXPENDITURES | | | | |
| Capital Acquisitions | \$ 1,262,500 | \$ 1,382,400 | \$ 430,200 | -66% |
| Capital Improvement Projects | \$ 7,876,102 | \$ 9,300,000 | \$ 5,690,146 | -28% |
| TOTAL CAPITAL EXPENSES | \$ 9,138,602 | \$ 10,682,400 | \$ 6,120,346 | -33% |
| RESERVE CONTRIBUTION | | | | |
| Transfer to Reserves for Capital Replacement | \$ 1,991,652 | \$ 2,190,465 | \$ 2,728,173 | 37% |
| TOTAL RESERVE CONTRIBUTION | \$ 1,991,652 | \$ 2,190,465 | \$ 2,728,173 | 37% |
| TOTAL USES OF FUNDS | \$ 19,221,465 | \$ 20,692,100 | \$ 17,180,936 | -11% |



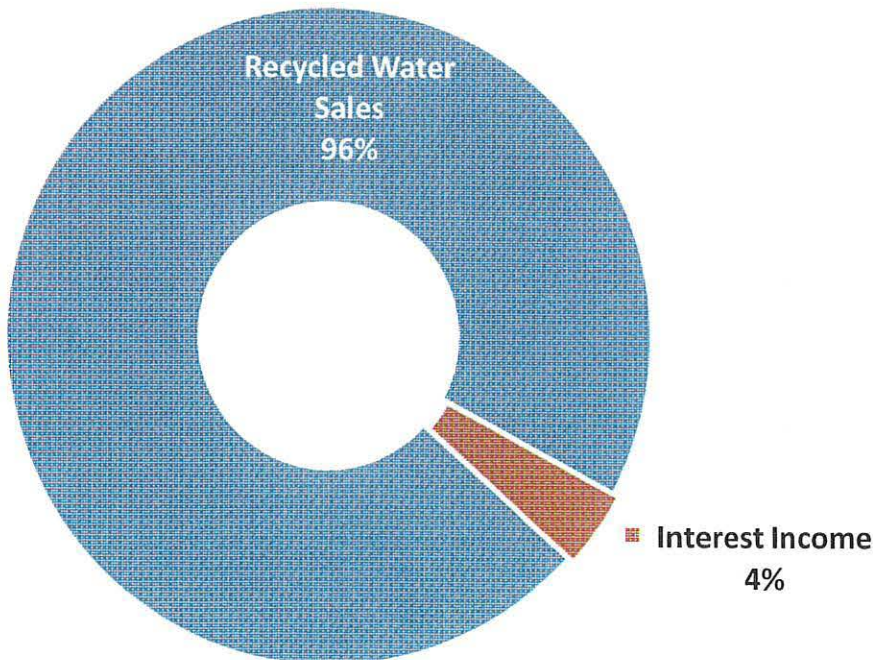
**Wastewater Program
Uses of Funds**

- Bat Fac O&M 3%
- Devel 0.5%
- Capital Acq 2%

**Leucadia Wastewater District
Fiscal Year 2022 Operating & Capital Budgets
Recycled Water Program Summary**

| SOURCES OF FUNDS | FY 2021 BUDGET | FY 2021 PROJECTED | FY 2022 PROPOSED | % Change Bud to Bud |
|--|-------------------|----------------------|---------------------|------------------------|
| OPERATING REVENUES | | | | |
| Recycled Water Sales | \$ 350,000 | \$ 364,000 | \$ 350,000 | 0% |
| TOTAL ESTIMATED OPERATING REVENUE | \$ 350,000 | \$ 364,000 | \$ 350,000 | 0% |
| NON-OPERATING REVENUES | | | | |
| Interest Income | \$ 16,000 | \$ 15,000 | \$ 14,000 | -13% |
| TOTAL ESTIMATED NON-OPERATING REVENUE | \$ 16,000 | \$ 15,000 | \$ 14,000 | -13% |
| OTHER SOURCES OF FUNDS | | | | |
| Transfer from Water Recycling Reserve | \$ - | \$ 44,617 | \$ 9,476 | 0% |
| TOTAL OTHER SOURCES OF FUNDS | \$ - | \$ 44,617 | \$ 9,476 | 0% |
| TOTAL FUNDS AVAILABLE | \$ 366,000 | \$ 423,617 | \$ 373,476 | 2% |

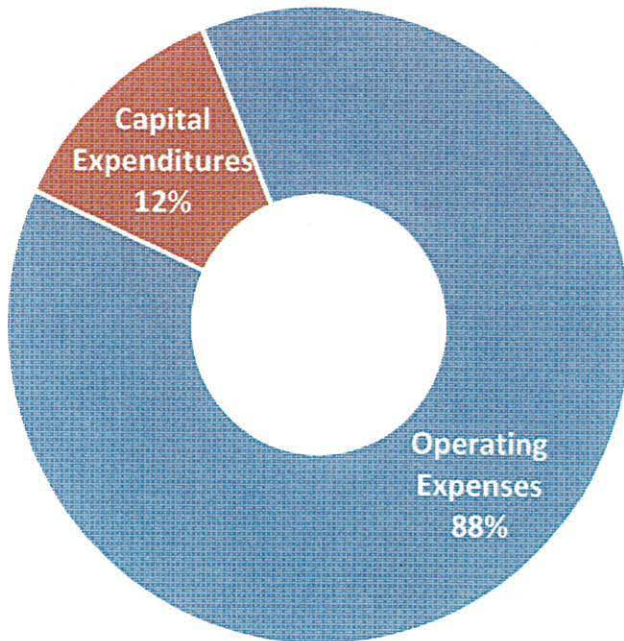
**Recycled Water Program
Revenues**



**Leucadia Wastewater District
Fiscal Year 2022 Operating & Capital Budgets
Recycled Water Program Summary**

| USES OF FUNDS | FY 2021 BUDGET | FY 2021 PROJECTED | FY 2022 PROPOSED | % Change Bud to Bud |
|-------------------------------------|---------------------------|------------------------------|-----------------------------|--------------------------------|
| OPERATING EXPENDITURES | | | | |
| Operating Program | \$ 284,880 | \$ 324,517 | \$ 328,476 | 15% |
| TOTAL OPERATING EXPENSES | \$ 284,880 | \$ 324,517 | \$ 328,476 | 15% |
| CAPITAL EXPENDITURES | | | | |
| Capital Acquisition | \$ 35,100 | \$ 84,100 | \$ 45,000 | 28% |
| Capital Improvement Program | \$ 30,500 | \$ 15,000 | \$ - | -100% |
| TOTAL CAPITAL EXPENSES | \$ 65,600 | \$ 99,100 | \$ 45,000 | -31% |
| RESERVE CONTRIBUTION | | | | |
| Transfer to Water Recycling Reserve | \$ 15,520 | \$ - | \$ - | -100% |
| TOTAL RESERVE CONTRIBUTION | \$ 15,520 | \$ - | \$ - | -100% |
| TOTAL USES OF FUNDS | \$ 366,000 | \$ 423,617 | \$ 373,476 | 2% |

Recycled Water Program
Uses of Funds

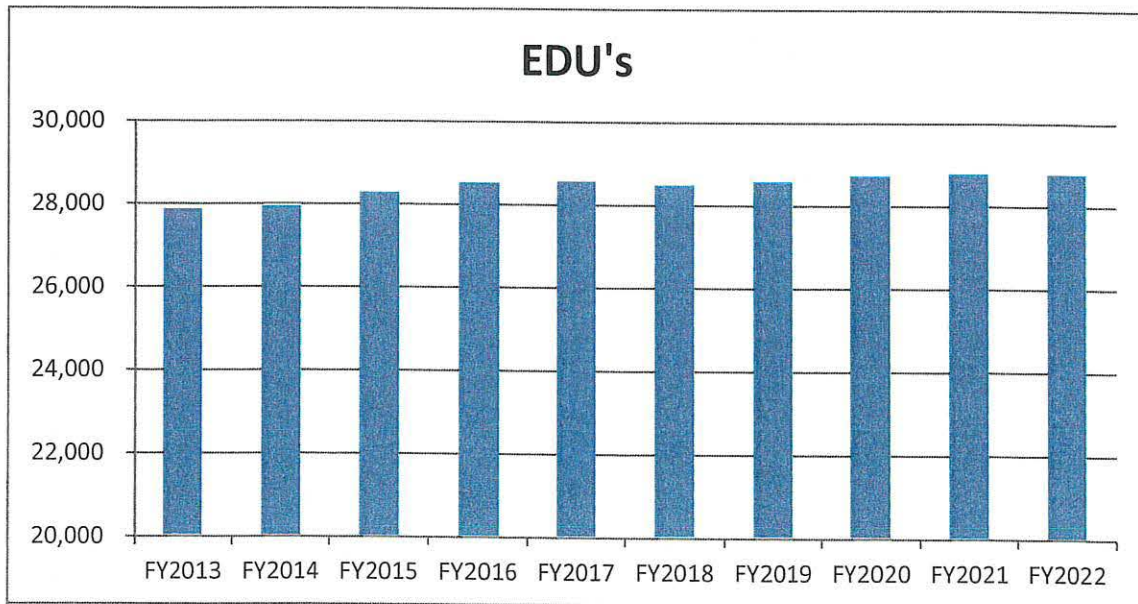


FISCAL YEAR 2022 WASTEWATER SERVICE CHARGE and EDU SUMMARY

| FY 2022 | |
|--|---------------|
| MONTHLY SERVICE CHARGE | \$ 31.50 |
| ANNUAL SERVICE CHARGE | \$ 378.04 |
| ESTIMATED EDU'S FY 2022 | 28,780 |
| ESTIMATED SEWER SERVICE CHARGE REVENUE | \$ 10,879,991 |

| FY 2021 | |
|--|--------------|
| MONTHLY SERVICE CHARGE | \$ 28.64 |
| ANNUAL SERVICE CHARGE | \$ 343.68 |
| ESTIMATED EDU'S FY 2021 | 28,780 |
| ESTIMATED SEWER SERVICE CHARGE REVENUE | \$ 9,891,110 |

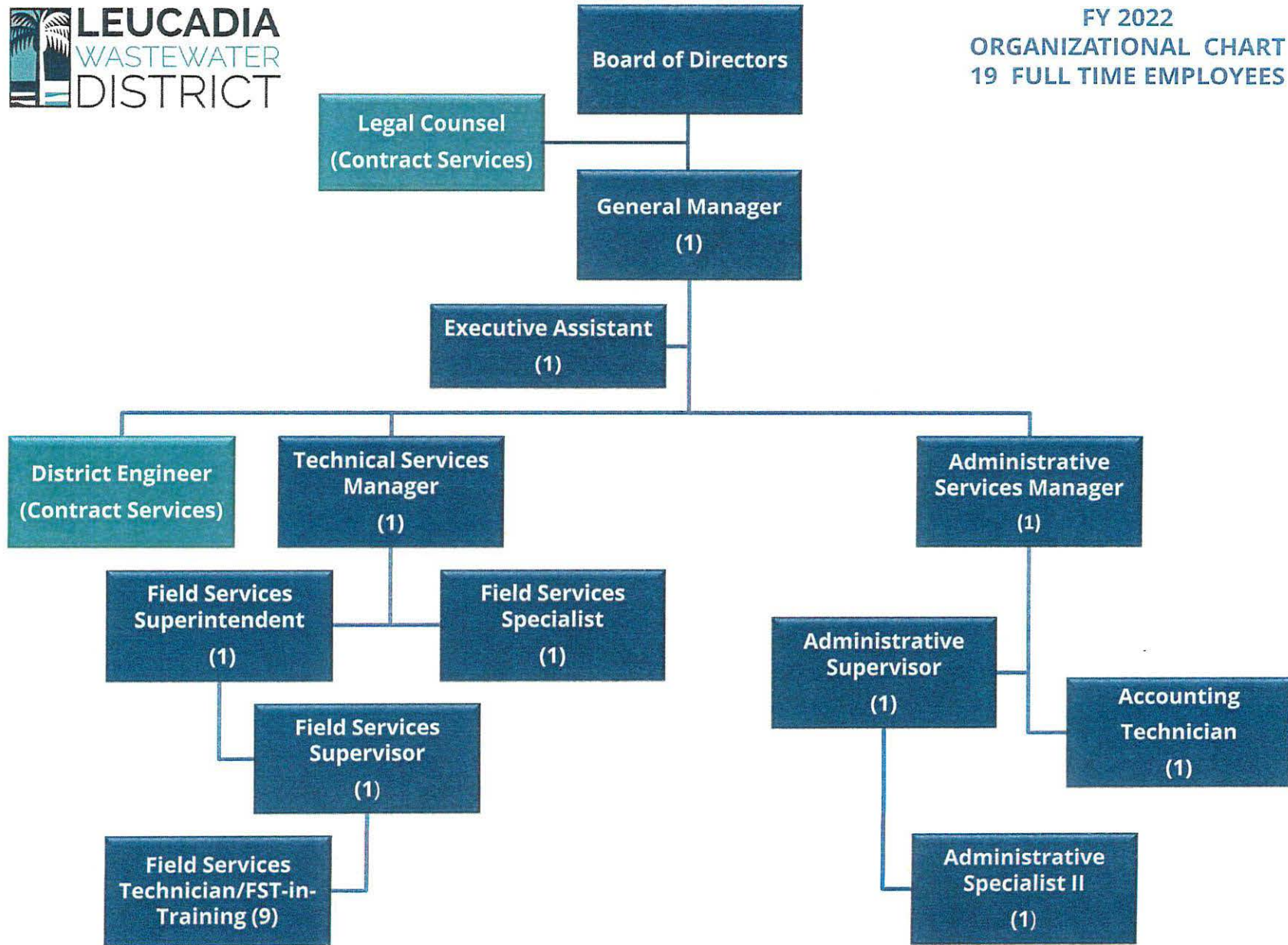
| | |
|-----------------------------------|------------|
| % CHANGE IN SERVICE CHARGE | 10% |
|-----------------------------------|------------|



EDU = Equivalent Dwelling Unit



FY 2022
ORGANIZATIONAL CHART
19 FULL TIME EMPLOYEES



LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2022 OPERATING BUDGET WASTEWATER OPERATIONS – LEUCADIA FACILITIES

Program Overview:

The FY22 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.

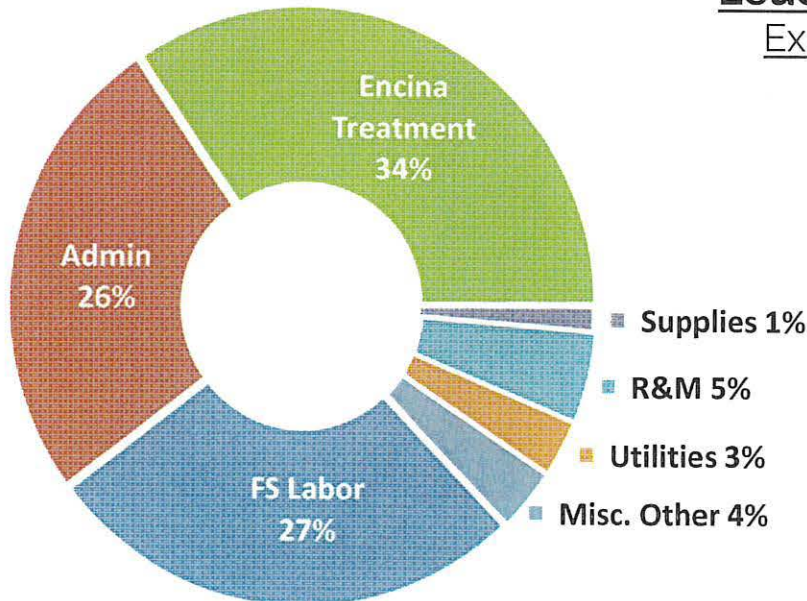
Administrative Services Expenses: ASD expenses are allocated to the Wastewater Operations – Leucadia Facilities Program to reflect expenses that support the collection and transmission of LWD wastewater. These expenses include overall staff management, as well as Board of Directors, financial, human 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 2022 Operating Budget
Expense Summary**

| <u>Account</u> | <u>Description</u> | <u>FY 2021 Budget</u> | <u>FY 2021 Projected</u> | <u>FY 2022 Proposed</u> | <u>% Change Bud to Bud</u> |
|---------------------------------|--------------------------------------|---------------------------|------------------------------|-----------------------------|--------------------------------|
| Field Services Expenses: | | | | | |
| Labor Expenses: | | | | | |
| | FS Salaries & Benefits | \$ 2,085,453 | \$ 2,060,500 | \$ 2,094,950 | 0% |
| Non-Labor Expenses: | | | | | |
| 4600 | Fuel | \$ 40,000 | \$ 36,300 | \$ 44,000 | 10% |
| 4900 | Office Expense | \$ 97,800 | \$ 88,300 | \$ 99,300 | 2% |
| 5000 | Operating Supplies | \$ 160,000 | \$ 183,300 | \$ 102,000 | -36% |
| 5200 | Professional Services | \$ 74,800 | \$ 78,300 | \$ 89,800 | 20% |
| 5400 | Rent/Leases | \$ 7,600 | \$ 7,800 | \$ 8,000 | 5% |
| 5500 | Repair and Maintenance | \$ 378,380 | \$ 359,000 | \$ 386,400 | 2% |
| 5600 | Permitting & Monitoring | \$ 27,200 | \$ 26,000 | \$ 28,400 | 4% |
| 5900 | Utilities | \$ 228,800 | \$ 215,700 | \$ 241,800 | 6% |
| | Subtotal Other Expenses | \$ 1,014,580 | \$ 994,700 | \$ 999,700 | -1% |
| | Total Field Services Expenses | \$ 3,100,033 | \$ 3,055,200 | \$ 3,094,650 | 0% |
| | Administration Expenses: | \$ 1,870,681 | \$ 1,741,576 | \$ 2,012,188 | 8% |
| 6210 | Encina Treatment Expenses: | \$ 2,569,500 | \$ 2,536,300 | \$ 2,677,900 | 4% |
| | Total LWD Facilities Expenses | \$ 7,540,214 | \$ 7,333,076 | \$ 7,784,738 | 3% |

Leucadia Facilities
Expense Allocation



**Leucadia Wastewater District
Wastewater Operations - Leucadia Facilities
Fiscal Year 2022 Operating Budget
Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|-----------------|---|-------------------|----------------------|---------------------|------------------------|
| 4600 | <u>Gasoline, Oil, Fuel</u> | | | | |
| 20-41-0000-4610 | Vehicle Gasoline, Diesel Fuel, Lubricants | | | | |
| | Gas | \$ 10,000 | \$ 9,300 | \$ 11,000 | 10% |
| | Diesel | \$ 30,000 | \$ 27,000 | \$ 33,000 | 10% |
| | Total Gasoline, Oil, Fuel | \$ 40,000 | \$ 36,300 | \$ 44,000 | 10% |
| 4900 | <u>Office Expense</u> | | | | |
| 20-41-0000-4950 | Computer Service | | | | |
| | GIS Support | \$ 3,500 | \$ 3,500 | \$ 3,500 | 0% |
| | WMS Comprehensive Support | \$ 7,700 | \$ 9,000 | \$ 9,000 | 17% |
| | Smart Cover H2S monitoring | \$ 6,600 | \$ 6,700 | \$ 6,800 | 3% |
| | SCADA Support and Parts | \$ 10,000 | \$ 900 | \$ 10,000 | 0% |
| | Flow & Alarm monitoring ADS Intelliserve | \$ 70,000 | \$ 68,200 | \$ 70,000 | 0% |
| | Total Computer Service | \$ 97,800 | \$ 88,300 | \$ 99,300 | 2% |
| | Total Office Expense | \$ 97,800 | \$ 88,300 | \$ 99,300 | 2% |
| 5000 | <u>Operating Supplies</u> | | | | |
| 20-41-0000-5010 | Chemicals (Bioxide/Ferrous Chloride) | \$ 117,000 | \$ 142,800 | \$ 60,000 | -49% |
| 20-41-0000-5020 | Laundry | \$ 14,500 | \$ 13,300 | \$ 14,000 | -3% |
| 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 | \$ 3,000 | \$ 2,800 | \$ 3,000 | 0% |
| | 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 | \$ 2,000 | \$ 2,000 | \$ 2,000 | 0% |
| | Atmospheric Monitoring/Testing Equipment, Service, & Supplies | \$ 4,000 | \$ 4,000 | \$ 4,000 | 0% |
| | DOT Testing Program Administration (DATCO) | \$ 2,000 | \$ 1,200 | \$ 1,500 | -25% |
| | Commercial Driver's License / Physicals Renewals | \$ 700 | \$ 600 | \$ 700 | 0% |
| | SCBA Equipment | \$ 1,800 | \$ 1,800 | \$ 1,800 | 0% |
| | Traffic Control Devices | \$ 1,000 | \$ 1,000 | \$ 1,000 | 0% |
| | Total, Safety Supplies | \$ 24,500 | \$ 23,400 | \$ 24,000 | -2% |
| | Total Operating Supplies | \$ 160,000 | \$ 183,300 | \$ 102,000 | -36% |
| 5200 | <u>Professional Services</u> | | | | |
| 20-41-0000-5210 | Engineering Services | | | | |
| | Annual SSMP Audit | \$ 8,300 | \$ 8,300 | \$ 8,300 | 0% |
| | District Engineering | \$ 55,000 | \$ 69,000 | \$ 70,000 | 27% |
| | Update Safety Program Plans | \$ 1,500 | \$ 1,000 | \$ 1,500 | 0% |
| | Specialty Engineering | \$ 10,000 | \$ - | \$ 10,000 | 0% |
| | Total Professional Services | \$ 74,800 | \$ 78,300 | \$ 89,800 | 20% |

**Leucadia Wastewater District
Wastewater Operations - Leucadia Facilities
Fiscal Year 2022 Operating Budget
Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|-----------------|---|-------------------|----------------------|---------------------|------------------------|
| 5400 | <u>Rents & leases</u> | | | | |
| 20-41-0000-5410 | Equipment Rental | | | | |
| | Repair/Maintenance Equipment | \$ 600 | \$ 800 | \$ 1,000 | 67% |
| 20-41-0000-5440 | Easement Leases | | | | |
| | NCTD License Fees | \$ 7,000 | \$ 7,000 | \$ 7,000 | 0% |
| | Total Rents and Leases | \$ 7,600 | \$ 7,800 | \$ 8,000 | 5% |
| 5500 | <u>Repair & maintenance</u> | | | | |
| 20-41-0000-5510 | Line Maintenance | | | | |
| | Water for Line Cleaning | \$ 17,000 | \$ 19,500 | \$ 19,000 | 12% |
| | Routine Line Repair Supplies | \$ 25,000 | \$ 24,000 | \$ 25,000 | 0% |
| | Cathodic Testing | \$ 4,000 | \$ 4,300 | \$ 4,300 | 8% |
| | CCTV Support/Maintenance | \$ 22,000 | \$ 23,000 | \$ 20,000 | -9% |
| | Vactor High Pressure Hose | \$ 6,400 | \$ 6,400 | \$ 6,400 | 0% |
| | Vector Control | \$ 7,000 | \$ 7,000 | \$ 7,000 | 0% |
| | Smoke Testing | \$ 12,000 | \$ 16,000 | \$ 16,000 | 33% |
| | Total, Line Maintenance | \$ 93,400 | \$ 100,200 | \$ 97,700 | 5% |
| 20-41-0000-5520 | Pump Station Repair & Maintenance | | | | |
| | Standby Power System Service (Generator) | \$ 15,000 | \$ 10,800 | \$ 15,000 | 0% |
| | Electrical Services/Diagnostic Heat Testing | \$ 13,000 | \$ 30,000 | \$ 14,000 | 8% |
| | Pump & Motor Repairs | \$ 30,000 | \$ 29,000 | \$ 30,000 | 0% |
| | Routine Pump Station Repair Supplies | \$ 9,000 | \$ 9,800 | \$ 10,000 | 11% |
| | Odor Control Media Replacement & Testing | \$ 18,200 | \$ 400 | \$ 19,800 | 9% |
| | Vibrational Analysis (Predictive Maint.. Testing) | \$ 1,600 | \$ - | \$ - | -100% |
| | Scaffold & Crane Services | \$ 17,500 | \$ 1,200 | \$ 17,500 | 0% |
| | Refurbish Pump Seals | \$ 6,000 | \$ - | \$ 2,000 | -67% |
| | Replace Odaloggers/Ozone Detectors | \$ 3,300 | \$ 3,200 | \$ 3,300 | 0% |
| | Replace 2 Gas Monitors | \$ - | \$ 2,800 | \$ 3,500 | 100% |
| | Portable Trash Pump | \$ - | \$ 4,100 | \$ 4,500 | 100% |
| | Total, Pump Station Repair & Maintenance | \$ 113,600 | \$ 84,400 | \$ 111,600 | -2% |
| 20-41-0000-5530 | Buildings & Grounds Repair & Maintenance | | | | |
| | Elevator | \$ 5,300 | \$ 5,900 | \$ 6,000 | 13% |
| | Audio Visual | \$ 1,500 | \$ - | \$ 1,500 | 0% |
| | Trash Service | \$ 3,000 | \$ 3,000 | \$ 3,200 | 7% |
| | Plant Service | \$ 2,000 | \$ 2,000 | \$ 2,000 | 0% |
| | Janitorial Services | \$ 26,500 | \$ 26,500 | \$ 29,000 | 9% |
| | Window Cleaning | \$ 1,000 | \$ 1,000 | \$ 1,000 | 0% |
| | Solar Panel Cleaning | \$ 1,500 | \$ 1,500 | \$ 1,500 | 0% |
| | Pest Control | \$ 1,200 | \$ 1,500 | \$ 1,500 | 25% |
| | Miscellaneous Services and Small Equipment | \$ 8,000 | \$ 8,000 | \$ 8,000 | 0% |
| | Landscaping/Water Feature/Gate Maintenance Services | \$ 20,000 | \$ 19,500 | \$ 20,000 | 0% |
| | Fire Extinguisher Service | \$ 2,000 | \$ 1,800 | \$ 2,000 | 0% |
| | Garage Door Service | \$ 3,200 | \$ 3,600 | \$ 3,200 | 0% |
| | HVAC Service | \$ 14,000 | \$ 14,000 | \$ 14,000 | 0% |
| | Roof and Gutter Maintenance | \$ 2,000 | \$ 2,000 | \$ 2,000 | 0% |
| | Test Fire Sprinkler System | \$ 2,000 | \$ 2,000 | \$ 2,000 | 0% |
| | Tree Trimming | \$ 5,000 | \$ 5,900 | \$ 1,000 | -80% |
| | Security Camera Extended Service | \$ 1,980 | \$ 2,000 | \$ 2,000 | 1% |
| | Miscellaneous Buildings & Grounds Repairs | \$ 21,000 | \$ 21,000 | \$ 21,000 | 0% |
| | Total, Buildings & Grounds Repair & Maintenance | \$ 121,180 | \$ 121,200 | \$ 120,900 | 0% |

**Leucadia Wastewater District
Wastewater Operations - Leucadia Facilities
Fiscal Year 2022 Operating Budget
Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|---|---|---------------------|----------------------|---------------------|------------------------|
| 20-41-0000-5540 | Vehicle Repair & Maintenance | | | | |
| | Routine & Corrective Repairs | \$ 18,000 | \$ 16,000 | \$ 16,000 | -11% |
| | Tire Replacement | \$ 4,700 | \$ 3,800 | \$ 4,700 | 0% |
| | Vactor Major Service | \$ 25,000 | \$ 26,300 | \$ 25,000 | 0% |
| | Total, Vehicle Repair & Maintenance | \$ 47,700 | \$ 46,100 | \$ 45,700 | -4% |
| 20-41-0000-5550 | Paint & Lubricants | | | | |
| | Misc. Supplies | \$ 500 | \$ - | \$ 500 | 0% |
| | HazMat Disposal | \$ 1,000 | \$ - | \$ 1,000 | 0% |
| | Total, Paint & Lubricants | \$ 1,500 | \$ - | \$ 1,500 | 0% |
| 20-41-0000-5590 | Equipment Repair & Maintenance | | | | |
| | Misc. Equip. Repairs (Portable Generators, Pumps) | \$ 1,000 | \$ 200 | \$ 1,000 | 0% |
| | Total Repair and Maintenance | \$ 378,380 | \$ 359,000 | \$ 386,400 | 2% |
| 5600 | <u>Monitoring and Permitting</u> | | | | |
| 20-41-0000-5610 | Lab Analysis | | | | |
| | Beach Posting Analysis | \$ 1,500 | \$ 1,500 | \$ 1,500 | 0% |
| | Baseline Background Analysis | \$ 1,000 | \$ 1,000 | \$ 1,000 | 0% |
| | Total Lab Analysis | \$ 2,500 | \$ 2,500 | \$ 2,500 | 0% |
| 20-41-0000-5630 | Permits & Monitoring | | | | |
| | Air Pollution Control District | \$ 5,600 | \$ 5,000 | \$ 5,600 | 0% |
| | City of Encinitas Inspection Permit | \$ 300 | \$ - | \$ 300 | 0% |
| | City of Carlsbad Inspection Permit | \$ 1,500 | \$ - | \$ 1,500 | 0% |
| | County Business Emergency Plan Permit | \$ 3,200 | \$ 3,200 | \$ 3,200 | 0% |
| | Collection System Permit | \$ 14,100 | \$ 15,300 | \$ 15,300 | 9% |
| | Total Permits & Monitoring | \$ 24,700 | \$ 23,500 | \$ 25,900 | 5% |
| | Total Monitoring and Permitting | \$ 27,200 | \$ 26,000 | \$ 28,400 | 4% |
| 5900 | <u>Utilities</u> | | | | |
| 20-41-0000-5920 | SCADA Remote Communications | \$ 600 | \$ 500 | \$ 600 | 0% |
| 20-41-0000-5930 | Electricity, District Operations | \$ 215,000 | \$ 200,000 | \$ 225,000 | 5% |
| 20-41-0000-5940 | Water | \$ 10,000 | \$ 12,000 | \$ 13,000 | 30% |
| 20-41-0000-5950 | USA Notification Service | \$ 3,200 | \$ 3,200 | \$ 3,200 | 0% |
| | Total Utilities | \$ 228,800 | \$ 215,700 | \$ 241,800 | 6% |
| TOTAL LEUCADIA FACILITIES EXPENSES | | \$ 1,014,580 | \$ 994,700 | \$ 999,700 | -1% |

LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2022 OPERATING BUDGET WASTEWATER ENTERPRISE – BATIQUITOS JOINT FACILITIES

Program Overview:

The FY22 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 FY22, 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.

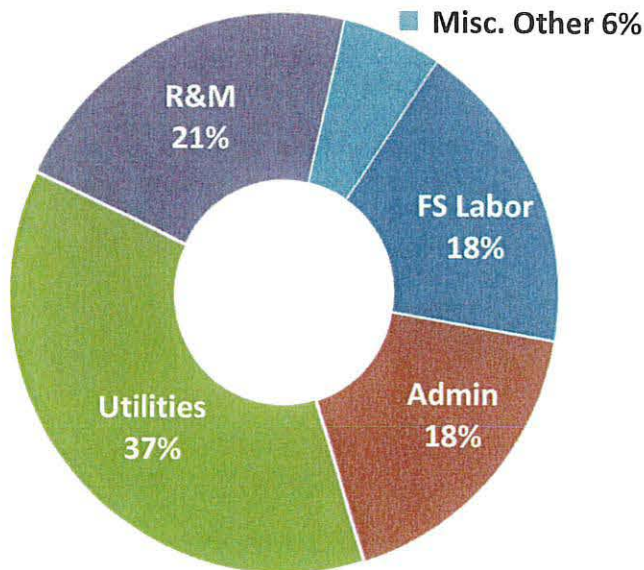


Administrative Services Expenses: ASD expenses are allocated to the Wastewater Operations – Batiquitos Joint Facilities to reflect expenses that support the operation of the Batiquitos pump station and force main facilities. These expenses include overall staff management, as well as Board of Directors,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

**Leucadia Wastewater District
Wastewater Operations - Batiquitos Joint Facilities
Fiscal Year 2022 Operating Budget
Expense Summary**

| Account | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|---------------------------------|---|-------------------|-------------------|-------------------|---------------------|
| Field Services Expenses: | | | | | |
| Labor Expenses: | | | | | |
| | FS Salaries & Benefits | \$ 91,403 | \$ 80,800 | \$ 83,680 | -8% |
| Non-Labor Expenses: | | | | | |
| 4600 | Fuel | \$ 1,000 | \$ 500 | \$ 1,000 | 0% |
| 4900 | Office Expense | \$ 6,000 | \$ 1,000 | \$ 6,000 | 0% |
| 5000 | Operating Supplies | \$ 500 | \$ 325 | \$ 500 | 100% |
| 5200 | Professional Services | \$ 10,000 | \$ - | \$ 10,000 | 0% |
| 5400 | Rents & Leases | \$ - | \$ 37,800 | \$ 5,400 | 100% |
| 5500 | Repair and Maintenance | \$ 93,400 | \$ 96,875 | \$ 98,500 | 5% |
| 5600 | Permitting & Monitoring | \$ 4,100 | \$ 1,765 | \$ 4,100 | 0% |
| 5900 | Utilities | \$ 160,900 | \$ 153,200 | \$ 169,300 | 5% |
| | Subtotal Other Expenses | \$ 275,900 | \$ 291,465 | \$ 294,800 | 7% |
| | Total Field Services Expenses | \$ 367,303 | \$ 372,265 | \$ 378,480 | 3% |
| | Administration Expenses: | \$ 81,741 | \$ 68,294 | \$ 80,400 | -2% |
| | Total Batiquitos Joint Facilities Expenses | \$ 449,044 | \$ 440,559 | \$ 458,880 | 2% |

**Batiquitos Joint Facilities
Expense Allocation**



**Leucadia Wastewater District
Wastewater Operations - Batiquitos Joint Facilities
Fiscal Year 2022 Operating Budget
Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|-----------------|---|-------------------|----------------------|---------------------|------------------------|
| 4600 | <u>Fuel</u> | | | | |
| 20-41-0022-4610 | Diesel Fuel | \$ 1,000 | \$ 500 | \$ 1,000 | 0% |
| | Total Fuel Expense | \$ 1,000 | \$ 500 | \$ 1,000 | 0% |
| 4900 | <u>Office Expense</u> | | | | |
| 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% |
| | Total Office Expense | \$ 6,000 | \$ 1,000 | \$ 6,000 | 0% |
| 5000 | <u>Operating Supplies</u> | | | | |
| 20-41-0022-5040 | Safety Supplies/Services | | | | |
| | First Aid Supplies | \$ 500 | \$ 325 | \$ 500 | 0% |
| | Total Operating Supplies | \$ 500 | \$ 325 | \$ 500 | 0% |
| 5200 | <u>Professional Services</u> | | | | |
| 20-41-0022-5210 | Engineering Services | | | | |
| | District Engineering | \$ 5,000 | \$ - | \$ 5,000 | 0% |
| | Specialty Engineering | \$ 5,000 | \$ - | \$ 5,000 | 0% |
| | Total Professional Services | \$ 10,000 | \$ - | \$ 10,000 | 0% |
| 5400 | <u>Rents & Leases</u> | | | | |
| 20-41-0000-5410 | Equipment Rental | | | | |
| | Portable Pump Rental | \$ - | \$ 37,800 | \$ 5,400 | 100% |
| | Total Rents and Leases | \$ - | \$ 37,800 | \$ 5,400 | 100% |
| 5500 | <u>Repair & Maintenance</u> | | | | |
| 20-41-0022-5510 | Line Maintenance | | | | |
| | Cathodic Testing | \$ 2,200 | \$ 2,400 | \$ 2,400 | 9% |
| | Total, Line Maintenance | \$ 2,200 | \$ 2,400 | \$ 2,400 | 9% |
| 20-41-0022-5520 | Pump Station Repair & Maintenance | | | | |
| | Standby Power System Service (generator) | \$ 3,500 | \$ 9,100 | \$ 3,700 | 6% |
| | Pump & Motor Repairs | \$ 23,000 | \$ 16,000 | \$ 25,000 | 9% |
| | Electrical Services | \$ 8,500 | \$ 6,400 | \$ 8,500 | 0% |
| | Transfer Switch Testing & Electrical Heat Test | \$ 1,900 | \$ 2,100 | \$ 2,100 | 11% |
| | Vibrational Analysis BPS (Predictive Testing) | \$ 1,000 | \$ 800 | \$ 1,000 | 0% |
| | HVAC Service | \$ 6,000 | \$ 5,500 | \$ 6,000 | 0% |
| | Miscellaneous Services/Supplies | \$ 4,700 | \$ 11,000 | \$ 5,000 | 6% |
| | Odor Control Media Replacement & Testing | \$ 40,000 | \$ 40,000 | \$ 41,600 | 4% |
| | Solar Panel Cleaning | \$ 100 | \$ 100 | \$ 100 | 0% |
| | Replace Odologgers | \$ 1,500 | \$ 1,825 | \$ 1,600 | 7% |
| | Total, Pump Station Repair & Maintenance | \$ 90,200 | \$ 92,825 | \$ 94,600 | 5% |

**Leucadia Wastewater District
Wastewater Operations - Batiquitos Joint Facilities
Fiscal Year 2022 Operating Budget
Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|---|---|-------------------|----------------------|---------------------|------------------------|
| 20-41-0022-5530 | Buildings & Grounds Repair & Maintenance | | | | |
| | Landscaping Service | \$ 1,000 | \$ 1,650 | \$ 1,500 | 50% |
| | Total, Buildings & Grounds Repair & Maintenance | \$ 1,000 | \$ 1,650 | \$ 1,500 | 50% |
| | Total Repair & Maintenance | \$ 93,400 | \$ 96,875 | \$ 98,500 | 5% |
| 5600 | <u>Monitoring and Permitting</u> | | | | |
| 20-41-0022-5610 | Lab Analysis | | | | |
| | Lab Analysis (Baseline Background Analysis) | \$ 2,000 | \$ - | \$ 2,000 | 0% |
| | Total Lab Analysis | \$ 2,000 | \$ - | \$ 2,000 | 0% |
| 20-41-0022-5630 | Permits & Monitoring | | | | |
| | County HazMat (Business Plan) Permit | \$ 600 | \$ 565 | \$ 600 | 0% |
| | APCD - Generator & Pump Emissions/Odor Control | \$ 1,500 | \$ 1,200 | \$ 1,500 | 0% |
| | Total Permits & Monitoring | \$ 2,100 | \$ 1,765 | \$ 2,100 | 0% |
| | Total Monitoring & Permitting | \$ 4,100 | \$ 1,765 | \$ 4,100 | 0% |
| 5900 | <u>Utilities</u> | | | | |
| 20-41-0022-5910 | Telephone | \$ 1,800 | \$ 1,700 | \$ 1,800 | 0% |
| 20-41-0022-5930 | Batiquitos Electrical Power | \$ 158,000 | \$ 150,000 | \$ 166,000 | 5% |
| 20-41-0022-5940 | Water | \$ 1,100 | \$ 1,500 | \$ 1,500 | 36% |
| | Total Utilities | \$ 160,900 | \$ 153,200 | \$ 169,300 | 5% |
| Total Batiquitos Joint Facilities Expenses | | \$ 275,900 | \$ 291,465 | \$ 294,800 | 7% |

LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2022 OPERATING BUDGET RECYCLED WATER OPERATIONS

Program Overview:

The FY22 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.

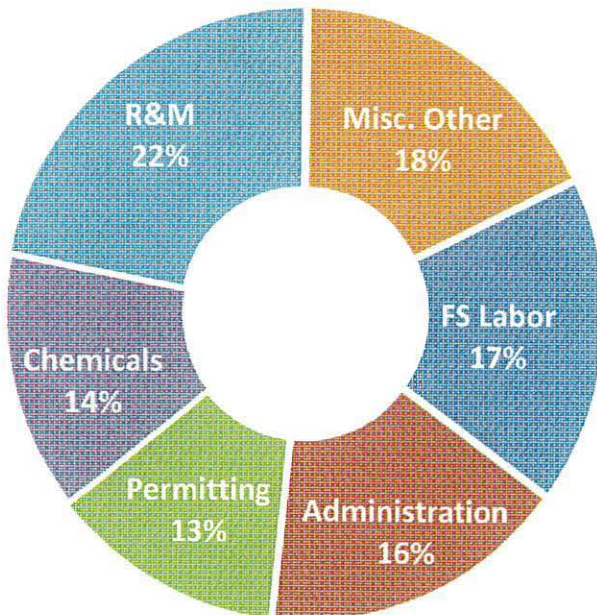
Administrative Services Expenses: ASD expenses are allocated to the Recycled Water Enterprise to reflect expenses that support the operation of Gafner WRF. These expenses include overall staff management, as well as Board of Directors, financial, human resources and risk management support of the program.



**Leucadia Wastewater District
Recycled Water Operations
Fiscal Year 2022 Operating Budget
Expense Summary**

| Account | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|---------------------------------|---|-------------------|----------------------|---------------------|------------------------|
| Field Services Expenses: | | | | | |
| Labor Expenses: | | | | | |
| | FS Salaries & Benefits | \$ 49,413 | \$ 64,500 | \$ 56,685 | 15% |
| Non-Labor Expenses: | | | | | |
| 4900 | Office Expenses | \$ 3,300 | \$ 2,400 | \$ 3,300 | 0% |
| 5000 | Operating Supplies | \$ 45,000 | \$ 42,500 | \$ 45,000 | 0% |
| 5200 | Professional Services | \$ 27,500 | \$ 16,000 | \$ 37,000 | 35% |
| 5500 | Repair and Maintenance | \$ 58,400 | \$ 88,200 | \$ 72,700 | 24% |
| 5600 | Permitting & Monitoring | \$ 39,500 | \$ 41,400 | \$ 41,800 | 6% |
| 5900 | Utilities | \$ 17,500 | \$ 15,000 | \$ 17,500 | 0% |
| | Subtotal Non-Labor Expenses | \$ 191,200 | \$ 205,500 | \$ 217,300 | 14% |
| | Total Field Services Expenses | \$ 240,613 | \$ 270,000 | \$ 273,985 | 14% |
| | Administration Expenses: | \$ 44,267 | \$ 54,517 | \$ 54,491 | 23% |
| | Total Recycled Water Facility Expenses | \$ 284,880 | \$ 324,517 | \$ 328,476 | 15% |

**Recycled Water Facilities
Expense Allocation**



**Leucadia Wastewater District
Recycled Water Operations
Fiscal Year 2022 Operating Budget
Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|-----------------|---|-------------------|----------------------|---------------------|------------------------|
| 4900 | <u>Office Expense</u> | | | | |
| 30-43-0019-4950 | Computer Service | | | | |
| | WMS Software Maintenance | \$ 300 | \$ 300 | \$ 300 | 0% |
| | SCADA Support & Parts | \$ 3,000 | \$ 2,100 | \$ 3,000 | 0% |
| | Total Office Expense | \$ 3,300 | \$ 2,400 | \$ 3,300 | 0% |
| 5000 | <u>Operating Supplies</u> | | | | |
| 30-43-0019-5010 | Chemicals | | | | |
| | Polyalum & Sodium Hypochlorite | \$ 45,000 | \$ 42,500 | \$ 45,000 | 0% |
| | Total Operating Supplies | \$ 45,000 | \$ 42,500 | \$ 45,000 | 0% |
| 5200 | <u>Professional Services</u> | | | | |
| 30-43-0019-5210 | Engineering Services | | | | |
| | District Engineering | \$ 5,000 | \$ - | \$ 5,000 | 0% |
| | Specialty Engineering | \$ 2,500 | \$ 14,000 | \$ 12,000 | 380% |
| | Total Engineering Services | \$ 7,500 | \$ 14,000 | \$ 17,000 | 127% |
| 30-43-0019-5220 | Legal Services | | | | |
| | Legal | \$ 20,000 | \$ 2,000 | \$ 20,000 | 0% |
| | Total Legal Services | \$ 20,000 | \$ 2,000 | \$ 20,000 | 0% |
| | Total Professional Services | \$ 27,500 | \$ 16,000 | \$ 37,000 | 35% |
| 5500 | <u>Repair & Maintenance</u> | | | | |
| 30-43-0019-5580 | Treatment Plant R&M | | | | |
| | Calibration Services (flow/turbidity/Cl residual) | \$ 7,400 | \$ 8,000 | \$ 8,000 | 8% |
| | Routine Plant Equipment Maintenance | \$ 3,500 | \$ 15,500 | \$ 4,000 | 14% |
| | VFD/Electrical Services | \$ 5,000 | \$ 9,000 | \$ 3,500 | -30% |
| | HVAC Service | \$ 1,900 | \$ 3,800 | \$ 3,800 | 100% |
| | Electrical Heat Test | \$ 1,800 | \$ 2,100 | \$ 2,100 | 17% |
| | Force Main Operations | \$ 800 | \$ - | \$ 800 | 0% |
| | Pump & Motor Repairs | \$ 5,000 | \$ 28,800 | \$ 10,000 | 100% |
| | Repaint Handrails & equipment | \$ 33,000 | \$ 21,000 | \$ 33,000 | 0% |
| | Replace discharge valves on P-11 & P12 pumps | \$ - | \$ - | \$ 4,000 | 100% |
| | Replace Conductivity Meter | \$ - | \$ - | \$ 3,500 | 100% |
| | Total Repair and Maintenance | \$ 58,400 | \$ 88,200 | \$ 72,700 | 24% |

**Leucadia Wastewater District
Recycled Water Operations
Fiscal Year 2022 Operating Budget
Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|--|--|-------------------|----------------------|---------------------|------------------------|
| 5600 | <u>Monitoring and Permitting</u> | | | | |
| 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 | \$ 18,800 | \$ 20,400 | \$ 21,000 | 12% |
| | San Marcos Creek Flow Measurement | \$ 8,000 | \$ 8,000 | \$ 8,000 | 0% |
| | RWQCB Storm Water Permit | \$ 1,500 | \$ 1,500 | \$ 1,500 | 0% |
| | Storm Water Maintenance | \$ 200 | \$ 800 | \$ 300 | 50% |
| | Total Permits & Monitoring | \$ 28,500 | \$ 30,700 | \$ 30,800 | 8% |
| | Total Monitoring & Permitting | \$ 39,500 | \$ 41,400 | \$ 41,800 | 6% |
| 5900 | <u>Utilities</u> | | | | |
| 30-43-0019-5930 | Encina Effluent Pump Station Electricity | \$ 17,500 | \$ 15,000 | \$ 17,500 | 0% |
| | Total Utilities | \$ 17,500 | \$ 15,000 | \$ 17,500 | 0% |
| Total Recycled Water Operation Expenses | | \$ 191,200 | \$ 205,500 | \$ 217,300 | 14% |

LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2022 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 billing, receipts, disbursements, 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.

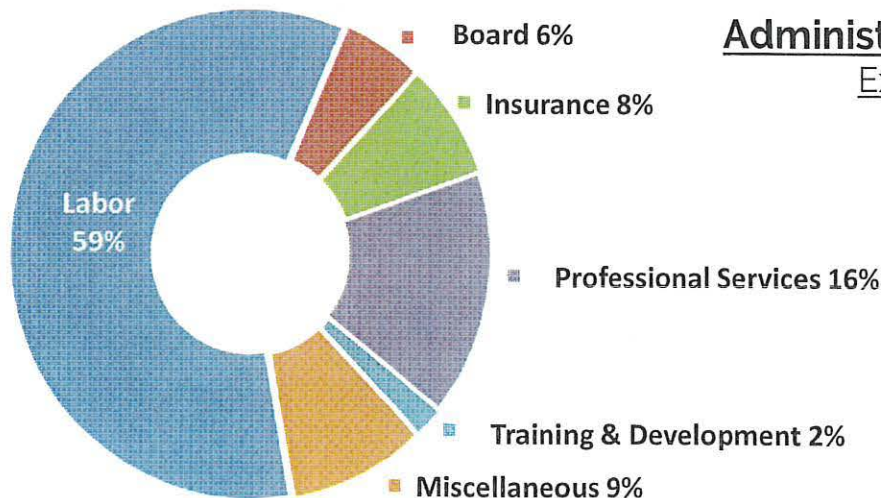
Risk Management: ASD oversees LWD's risk management functions through close coordination with the California Sanitation Risk Management Association (CSRMA). Critical risk management functions include proactively maintaining overall workplace health and safety as well as managing workers' compensation 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 2022 Operating Budget Expense Summary

| <u>Account</u> | <u>Description</u> | <u>FY 2021 Budget</u> | <u>FY 2021 Projected</u> | <u>FY 2022 Proposed</u> | <u>% Change Bud to Bud</u> |
|---|------------------------------------|---------------------------|------------------------------|-----------------------------|--------------------------------|
| Labor Expenses: | | | | | |
| | Admin Salaries & Benefits | \$ 1,376,895 | \$ 1,361,500 | \$ 1,384,950 | 1% |
| Non-Labor Expenses: | | | | | |
| 4300 | Board Support | \$ 151,700 | \$ 99,850 | \$ 129,100 | -15% |
| 4400 | Election | \$ 37,000 | \$ 32,000 | \$ 30,000 | -19% |
| 4700 | Insurance | \$ 150,300 | \$ 152,900 | \$ 179,800 | 20% |
| 4800 | Memberships | \$ 37,850 | \$ 34,440 | \$ 36,925 | -2% |
| 4900 | Office Expense | \$ 62,100 | \$ 46,860 | \$ 60,900 | -2% |
| 5200 | Professional Services | \$ 233,200 | \$ 213,150 | \$ 378,800 | 62% |
| 5300 | Printing/Publishing | \$ 29,600 | \$ 32,000 | \$ 29,600 | 0% |
| 5400 | Rents & Leases | \$ 10,700 | \$ 7,800 | \$ 10,800 | 1% |
| 5500 | Repair & Maintenance | \$ 1,500 | \$ - | \$ 1,500 | 0% |
| 5700 | Training & Development | \$ 49,500 | \$ 31,700 | \$ 49,500 | 0% |
| 5900 | Utilities | \$ 41,400 | \$ 37,900 | \$ 40,300 | -3% |
| 6000 | LAFCO Operations | \$ 7,700 | \$ 7,000 | \$ 7,700 | 0% |
| | Subtotal Non-Labor Expenses | \$ 812,550 | \$ 695,600 | \$ 954,925 | 18% |
| | Total Admin Expenses | \$ 2,189,445 | \$ 2,057,100 | \$ 2,339,875 | 7% |
| Administration Allocation Schedule | | | | | |
| LWD Facilities | | | | | |
| | Labor | \$ 1,109,411 | \$ 1,091,796 | \$ 1,117,263 | 1% |
| | Non-Labor | \$ 761,270 | \$ 649,780 | \$ 894,925 | 18% |
| | Total LWD Facilities | \$ 1,870,681 | \$ 1,741,576 | \$ 2,012,188 | 8% |
| Batiquitos Facilities | | | | | |
| | Labor | \$ 48,472 | \$ 42,813 | \$ 44,643 | -8% |
| | Non-Labor | \$ 33,269 | \$ 25,480 | \$ 35,757 | 7% |
| | Total Batiquitos Facilities | \$ 81,741 | \$ 68,294 | \$ 80,400 | -2% |
| Recycled Water Enterprise | | | | | |
| | Labor | \$ 26,257 | \$ 34,177 | \$ 30,249 | 15% |
| | Non-Labor | \$ 18,010 | \$ 20,340 | \$ 24,242 | 35% |
| | Total RWE | \$ 44,267 | \$ 54,517 | \$ 54,491 | 23% |
| Capital Projects | | | | | |
| | Labor | \$ 192,755 | \$ 192,714 | \$ 192,796 | 0% |
| | Non-Labor | \$ - | \$ - | \$ - | |
| | Total Capital | \$ 192,755 | \$ 192,714 | \$ 192,796 | 0% |
| | Total Admin Allocation | \$ 2,189,445 | \$ 2,057,100 | \$ 2,339,875 | 7% |



Administrative Services
Expense Allocation

**Leucadia Wastewater District
Administrative Services
Fiscal Year 2022 Operating Budget
Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|-----------------|--------------------------------------|-------------------|----------------------|---------------------|------------------------|
| 4300 | <u>Directors' Expenses</u> | | | | |
| 01-45-0000-4310 | Directors' Compensation | | | | |
| | Regular Board Meetings | \$ 12,000 | \$ 12,000 | \$ 12,000 | 0% |
| | Special Board Meetings | \$ 2,000 | \$ 4,400 | \$ 2,000 | 0% |
| | Committee Meetings | \$ 10,800 | \$ 11,600 | \$ 10,800 | 0% |
| | CASA Meetings | \$ 8,600 | \$ 5,200 | \$ 5,600 | -35% |
| | CSDA Meetings | \$ 10,000 | \$ 8,400 | \$ 9,600 | -4% |
| | WateReuse Meetings | \$ 3,200 | \$ 4,200 | \$ 3,200 | 0% |
| | CWEA Meetings | \$ 4,500 | \$ 5,000 | \$ 5,000 | 11% |
| | Miscellaneous Meetings | \$ 1,400 | \$ 1,200 | \$ 1,400 | 0% |
| | Total Directors' Compensation | \$ 52,500 | \$ 52,000 | \$ 49,600 | -6% |
| 01-45-0000-4320 | Directors' Benefits | | | | |
| | Health Insurance | \$ 41,500 | \$ 32,800 | \$ 33,700 | -19% |
| | Life Insurance | \$ 400 | \$ 500 | \$ 600 | 50% |
| | Dental Insurance | \$ 3,100 | \$ 2,500 | \$ 2,500 | -19% |
| | Vision Insurance | \$ 600 | \$ 500 | \$ 500 | -17% |
| | PERS | \$ 3,000 | \$ 3,500 | \$ 4,000 | 33% |
| | Total Directors' Benefits | \$ 48,600 | \$ 39,800 | \$ 41,300 | -15% |
| 01-45-0000-4330 | Directors' Conferences | | | | |
| | CASA | \$ 18,000 | \$ 1,200 | \$ 12,000 | -33% |
| | CSDA | \$ 9,600 | \$ 4,000 | \$ 9,600 | 0% |
| | WateReuse | \$ 9,000 | \$ 600 | \$ 5,600 | -38% |
| | CWEA | \$ 11,000 | \$ 2,250 | \$ 8,000 | -27% |
| | Misc. Directors' Conference | \$ 3,000 | \$ - | \$ 3,000 | 0% |
| | Total Directors' Conferences | \$ 50,600 | \$ 8,050 | \$ 38,200 | -25% |
| | Total Directors' Expenses | \$ 151,700 | \$ 99,850 | \$ 129,100 | -15% |
| 4400 | <u>Election</u> | | | | |
| 01-45-0000-4400 | Election Expense | 37,000 | \$ 32,000 | \$ - | |
| 01-45-0000-4410 | Election District Remapping Services | - | \$ - | \$ 30,000 | |
| | Total Election | \$ 37,000 | \$ 32,000 | \$ 30,000 | -19% |
| 4700 | <u>Insurance</u> | | | | |
| 01-45-0000-4710 | Liability Insurance | \$ 116,700 | \$ 119,700 | \$ 139,600 | 20% |
| 01-45-0000-4715 | Property Insurance | \$ 28,600 | \$ 28,700 | \$ 35,200 | 23% |
| 01-45-0000-4720 | Self Insurance | \$ 5,000 | \$ 4,500 | \$ 5,000 | 0% |
| | Total Insurance | \$ 150,300 | \$ 152,900 | \$ 179,800 | 20% |

**Leucadia Wastewater District
Administrative Services
Fiscal Year 2022 Operating Budget
Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|-----------------|---|-------------------|----------------------|---------------------|------------------------|
| 4800 | <u>Memberships</u> | | | | |
| 01-45-0000-4810 | Professional & Employees | | | | |
| | CSDA | \$ 8,000 | \$ 7,955 | \$ 8,000 | 0% |
| | WEFICWEA/SWRCB | \$ 5,400 | \$ 5,000 | \$ 5,400 | 0% |
| | CASA | \$ 13,600 | \$ 13,600 | \$ 13,600 | 0% |
| | Chamber - Encinitas | \$ 300 | \$ 295 | \$ 300 | 0% |
| | Chamber - Carlsbad | \$ 900 | \$ 850 | \$ 900 | 0% |
| | WateReuse | \$ 2,300 | \$ 2,100 | \$ 2,300 | 0% |
| | Staples | \$ - | \$ 325 | \$ 325 | 100% |
| | SDEA | \$ 700 | \$ 659 | \$ 700 | 0% |
| | SCAP | \$ 1,700 | \$ 538 | \$ 700 | -59% |
| | GFOA | \$ 700 | \$ 520 | \$ 700 | 0% |
| | CSMFO | \$ 200 | \$ 110 | \$ 200 | 0% |
| | CA Dept Consumer Affairs | \$ 250 | \$ 250 | \$ - | -100% |
| | Amazon | \$ 200 | \$ 128 | \$ 200 | 0% |
| | Agua Hedionda World Water Day | \$ 800 | \$ 800 | \$ 800 | 0% |
| | Batiqitos Lagoon Foundation | \$ 2,500 | \$ 1,000 | \$ 2,500 | 0% |
| | SHRM | \$ 300 | \$ 310 | \$ 300 | 0% |
| | Total Memberships | \$ 37,850 | \$ 34,440 | \$ 36,925 | -2% |
| 4900 | <u>Office Expenses</u> | | | | |
| 01-45-0000-4910 | Office and Cleaning Supplies | \$ 14,000 | \$ 11,000 | \$ 14,000 | 0% |
| 01-45-0000-4920 | Postage and Shipping | \$ 5,000 | \$ 2,000 | \$ 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 | \$ 960 | \$ 1,000 | 25% |
| | CA Labor Law Posters & Required Pamphlets | \$ 200 | \$ 200 | \$ 200 | 0% |
| | Misc. Publications | \$ 800 | \$ 500 | \$ 800 | 0% |
| | Total Subscriptions | \$ 1,800 | \$ 1,660 | \$ 2,000 | 11% |
| 01-45-0000-4950 | Computer Software and Misc. Hardware: | | | | |
| | Accounting Software Support | \$ 8,400 | \$ 8,500 | \$ 8,700 | 4% |
| | Transfer Sewer Service Data to ASCI Format | \$ 600 | \$ 500 | \$ 600 | 0% |
| | Update Website with Security & Feature Improvements | \$ 3,000 | \$ 500 | \$ - | -100% |
| | New "As-Built" Printer | \$ - | \$ - | \$ 3,500 | 100% |
| | Miscellaneous Computer Equipment | \$ 11,500 | \$ 5,000 | \$ 7,000 | -39% |
| | WatchGuard Wi-Fi Access Points (4) | \$ - | \$ - | \$ 3,000 | 100% |
| | Software Renewals, Maintenance & Upgrades | \$ 15,200 | \$ 15,500 | \$ 7,300 | -52% |
| | Citrix Virtual Apps for Remote Access | \$ - | \$ - | \$ 7,200 | 100% |
| | Total Computer Service | \$ 38,700 | \$ 30,000 | \$ 37,300 | -4% |
| 01-45-0000-4960 | Burglar & Fire Alarm | \$ 1,100 | \$ 1,000 | \$ 1,100 | 0% |
| | Total Office Expenses | \$ 62,100 | \$ 46,860 | \$ 60,900 | -2% |

**Leucadia Wastewater District
Administrative Services
Fiscal Year 2022 Operating Budget
Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|-----------------|---|--------------------------|--------------------------|--------------------------|------------------------|
| 5200 | <u>Professional Services</u> | | | | |
| 01-45-0000-5220 | Legal Service | | | | |
| | Board Meeting Attendance & Preparation | \$ 10,000 | \$ 9,600 | \$ 10,000 | 0% |
| | Misc. Legal Services | \$ 40,000 | \$ 25,000 | \$ 40,000 | 0% |
| | Total Legal Services | <u>\$ 50,000</u> | <u>\$ 34,600</u> | <u>\$ 50,000</u> | 0% |
| 01-45-0000-5225 | Financial Service | | | | |
| | Accounting Services | \$ - | \$ 22,000 | \$ 130,000 | 100% |
| | OPEB Actuarial | \$ 1,800 | \$ 1,750 | \$ 7,000 | 289% |
| | PERS Actuarial | \$ 900 | \$ 700 | \$ 800 | -11% |
| | Investment Mgmt. Services | \$ 19,000 | \$ 11,000 | \$ 15,000 | -21% |
| | Total Financial Services | <u>\$ 21,700</u> | <u>\$ 35,450</u> | <u>\$ 152,800</u> | 604% |
| 01-45-0000-5226 | Network Support/Consulting Services | | | | |
| | Managed Services | \$ 16,500 | \$ 18,000 | \$ 20,500 | 24% |
| | Routine/Emergency Network Maintenance | \$ 25,000 | \$ 30,000 | \$ 30,000 | 20% |
| | Network Intrusion Testing | \$ - | \$ - | \$ 400 | 100% |
| | Total Network Support/Consulting Services | <u>\$ 41,500</u> | <u>\$ 48,000</u> | <u>\$ 50,900</u> | 23% |
| 01-45-0000-5227 | Management Support Services | | | | |
| | Strategic Planning Facilitator | \$ 12,000 | \$ 5,100 | \$ 5,100 | -58% |
| | General Services | \$ 25,000 | \$ 15,600 | \$ 37,000 | 48% |
| | Total Management Support Services | <u>\$ 37,000</u> | <u>\$ 20,700</u> | <u>\$ 42,100</u> | 14% |
| 01-45-0000-5240 | Auditor | | | | |
| | Annual Audit | \$ 24,000 | \$ 23,500 | \$ 24,000 | 0% |
| | Total Auditor | <u>\$ 24,000</u> | <u>\$ 23,500</u> | <u>\$ 24,000</u> | 0% |
| 01-45-0000-5250 | Bank Fees | \$ 1,000 | \$ 500 | \$ 1,000 | 0% |
| 01-45-0000-5260 | Public Information | | | | |
| | Outreach Program | \$ 52,000 | \$ 45,000 | \$ 52,000 | 0% |
| | Teacher Grant Program | \$ 6,000 | \$ 5,400 | \$ 6,000 | 0% |
| | Total Public Information | <u>\$ 58,000</u> | <u>\$ 50,400</u> | <u>\$ 58,000</u> | 0% |
| | Total Professional Services | <u>\$ 233,200</u> | <u>\$ 213,150</u> | <u>\$ 378,800</u> | 62% |
| 5300 | <u>Printing & Publishing</u> | | | | |
| 01-45-0000-5310 | Advertising | \$ 4,600 | \$ 4,500 | \$ 4,600 | 0% |
| 01-45-0000-5320 | Printing (Newsletter Publishing) | \$ 25,000 | \$ 27,500 | \$ 25,000 | 0% |
| | Total Printing & Publishing | <u>\$ 29,600</u> | <u>\$ 32,000</u> | <u>\$ 29,600</u> | 0% |

**Leucadia Wastewater District
Administrative Services
Fiscal Year 2022 Operating Budget
Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|--------------------------------------|--|-------------------|----------------------|---------------------|------------------------|
| 5400 | <u>Rents & Leases</u> | | | | |
| 01-45-0000-5420 | Office Equipment Rental | | | | |
| | Postage Meter | \$ 700 | \$ 800 | \$ 800 | 14% |
| | Copier Lease/Maintenance Contract | \$ 10,000 | \$ 7,000 | \$ 10,000 | 0% |
| | | \$ 10,700 | \$ 7,800 | \$ 10,800 | 1% |
| | Total Rents & Leases | \$ 10,700 | \$ 7,800 | \$ 10,800 | 1% |
| 5500 | <u>Repair & Maintenance</u> | | | | |
| 01-45-0000-5570 | Office Equipment Repair & Maintenance | | | | |
| | Telephone Equipment | \$ 500 | \$ - | \$ 500 | 0% |
| | Computers, Printers, Fax | \$ 1,000 | \$ - | \$ 1,000 | 0% |
| | Total Repairs & Maintenance | \$ 1,500 | \$ - | \$ 1,500 | 0% |
| 5700 | <u>Training and Development</u> | | | | |
| 01-45-0000-5710 | Training, Education & Conferences | \$ 38,400 | \$ 26,000 | \$ 38,400 | 0% |
| 01-45-0000-5720 | Mileage & Transportation | \$ 100 | \$ - | \$ 100 | 0% |
| 01-45-0000-5735 | Employee Recognition | \$ 9,000 | \$ 4,700 | \$ 9,000 | 0% |
| 01-45-0000-5740 | Meeting Supplies | \$ 2,000 | \$ 1,000 | \$ 2,000 | 0% |
| | Total Travel & Conferences | \$ 49,500 | \$ 31,700 | \$ 49,500 | 0% |
| 5900 | <u>Utilities</u> | | | | |
| 01-45-0000-5910 | Telephone | | | | |
| | Answering Service | \$ 1,100 | \$ 1,100 | \$ 1,300 | 18% |
| | Elevator/Emergency Phone Service | \$ 2,700 | \$ 2,800 | \$ 3,000 | 11% |
| | Telephone/Internet Service | \$ 21,600 | \$ 19,500 | \$ 20,000 | -7% |
| | Cellular Phone Service | \$ 14,000 | \$ 13,000 | \$ 14,000 | 0% |
| | Web Page Hosting | \$ 2,000 | \$ 1,500 | \$ 2,000 | 0% |
| | Total Utilities | \$ 41,400 | \$ 37,900 | \$ 40,300 | -3% |
| 6000 | <u>Unclassified</u> | | | | |
| 01-45-0000-6100 | LAFCO Operations | \$ 7,700 | \$ 7,000 | \$ 7,700 | 0% |
| | Total Unclassified | \$ 7,700 | \$ 7,000 | \$ 7,700 | 0% |
| TOTAL ADMINISTRATION EXPENSES | | \$ 812,550 | \$ 695,600 | \$ 954,925 | 18% |

LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2022 BUDGET DEVELOPMENT

Program Overview:

The FY22 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 2022 Operating Budget
Expense Summary**

| Account | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Budget | % Change Bud to Bud |
|------------------------------|------------------------------------|-------------------|----------------------|-------------------|------------------------|
| Development Expenses: | | | | | |
| Labor: | | | | | |
| | Salaries & Benefits | \$ 7,553 | \$ 2,500 | \$ 4,399 | -42% |
| Non-Labor Expenses: | | | | | |
| Professional Services | | | | | |
| 5200 | | | | | |
| 5210 | District Engineering Services | \$ 70,000 | \$ 35,000 | \$ 60,000 | -14% |
| 5220 | Legal Services | \$ 4,000 | \$ 1,000 | \$ 4,000 | 0% |
| 5221 | LAFCO Fees - Annexation | \$ 19,500 | \$ 6,500 | \$ 19,500 | 0% |
| 5222 | State Board - Annexation Fees | \$ 900 | \$ 600 | \$ 900 | 0% |
| | Total Professional Services | \$ 94,400 | \$ 43,100 | \$ 84,400 | -11% |
| | Total Development Expenses | \$ 101,953 | \$ 45,600 | \$ 88,799 | -13% |

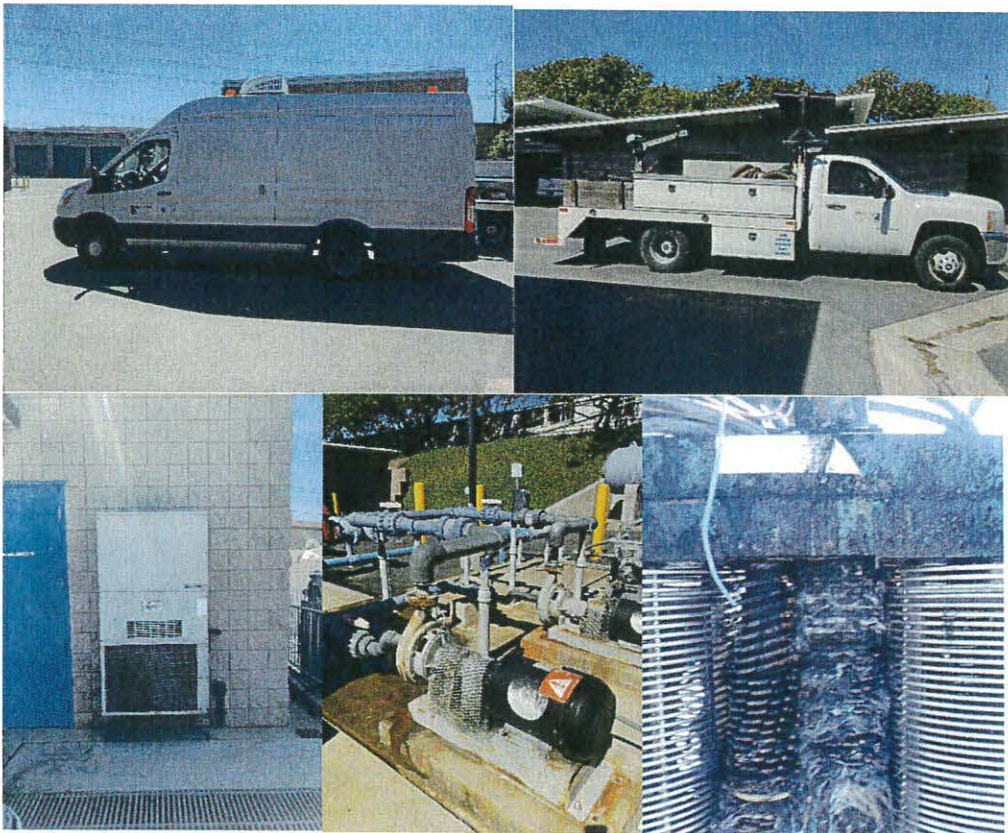
LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2022 CAPITAL BUDGET CAPITAL ACQUISITIONS

Program Overview:

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

Wastewater Facilities equipment purchases and facilities are funded through non-operating revenues and capital replacement reserves.

Recycled water sales and the water recycling reserve fund recycled water facilities equipment purchases, as needed. Water recycling expenditures do not affect the District's sewer service charge.



For the Wastewater Facilities, key components of the FY22 Capital Acquisition Program include the purchases of a new 1-ton flatbed truck with a crane, a new emergency bypass pump, and the replacement of the Muffin Monster grinder for the Leucadia Pump Station. The two key components of the Recycled Water Facilities are the replacement of the irrigation pumps and the AC unit in the MCC building.

**Leucadia Wastewater District
Fiscal Year 2022 Capital Budget
Capital Acquisition Expense Summary**

| <u>Account</u> | <u>Description</u> | <u>FY 2021 Budget</u> | <u>FY 2021 Projected</u> | <u>FY 2022 Proposed</u> | <u>% Change Bud to Bud</u> |
|---|-----------------------------|----------------------------|------------------------------|-----------------------------|--------------------------------|
| Wastewater (LWD Facilities) | | | | | |
| 6310 | Vehicle Acquisition | \$ 869,500 | \$ 874,500 | \$ 100,000 | -88% |
| 6320 | Buildings & Grounds | \$ 17,000 | \$ 52,900 | \$ 29,500 | 74% |
| 6350 | Sewer Maintenance Equipment | \$ 106,900 | \$ 100,000 | \$ 156,400 | 46% |
| 6360 | Office Equipment | \$ 42,500 | \$ 41,800 | \$ 28,000 | -34% |
| 6380 | Pump Station Equipment | \$ 110,300 | \$ 113,000 | \$ 96,300 | -13% |
| Wastewater (Batiquitos Facilities) | | | | | |
| 6380 | Bat. Pump Station Equipment | \$ 116,300 | \$ 200,200 | \$ 20,000 | -83% |
| Total Wastewater Facilities | | <u>\$ 1,262,500</u> | <u>\$ 1,382,400</u> | <u>\$ 430,200</u> | -66% |
| Recycled Water | | | | | |
| 6390 | AWT Equipment | \$ 35,100 | \$ 84,100 | \$ 45,000 | 28% |
| Total Recycled Water Facilities | | <u>\$ 35,100</u> | <u>\$ 84,100</u> | <u>\$ 45,000</u> | 28% |
| Total Capital Acquisitions | | <u>\$ 1,297,600</u> | <u>\$ 1,466,500</u> | <u>\$ 475,200</u> | -63% |

**Leucadia Wastewater District
Fiscal Year 2022 Capital Budget
Capital Acquisition Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|---|---|-------------------|----------------------|---------------------|------------------------|
| 6300 | Capital Acquisitions | | | | |
| Wastewater (Leucadia Facilities) | | | | | |
| 50-99-0000- 6310 | Vehicle Acquisition | | | | |
| | 3/4 ton Pickup Truck (On call) | \$ 71,500 | \$ 71,600 | \$ - | -100% |
| | Vactor Truck Replacement | \$ 433,000 | \$ 433,000 | \$ - | -100% |
| | Pump Station Replacement Truck | \$ 75,000 | \$ 69,900 | \$ - | -100% |
| | CCTV Replacement Truck | \$ 290,000 | \$ 300,000 | \$ - | -100% |
| | 1 Ton Flatbed Truck with Crane (Easement) | \$ - | \$ - | \$ 100,000 | 100% |
| | Subtotal Vehicle Acquisition | \$ 869,500 | \$ 874,500 | \$ 100,000 | -88% |
| 50-99-0000- 6320 | Buildings & Grounds | | | | |
| | Replace Gate Operators | \$ 17,000 | \$ 16,400 | \$ - | -100% |
| | Security Cameras | \$ - | \$ 19,000 | \$ - | 100% |
| | Replace Rain Gutters | \$ - | \$ 7,500 | \$ - | 100% |
| | Rehab water fountain and equipment | \$ - | \$ 10,000 | \$ - | 100% |
| | HVAC Rehabilitation | \$ - | \$ - | \$ 14,500 | 100% |
| | Misc. Equipment | \$ - | \$ - | \$ 15,000 | 100% |
| | Subtotal Buildings & Grounds | \$ 17,000 | \$ 52,900 | \$ 29,500 | 74% |
| 50-99-0000- 6350 | Sewer Maintenance Equipment | | | | |
| | Vactor Nozzle Kit | \$ 5,000 | \$ 5,000 | \$ 5,000 | 0% |
| | Replace CCTV Equipment | \$ 20,000 | \$ 27,000 | \$ 20,000 | 0% |
| | Critical Inventory (Domes/Rings/Couplings) | \$ 16,000 | \$ 14,000 | \$ 16,000 | 0% |
| | Easement Machine | \$ 54,000 | \$ 54,000 | \$ - | -100% |
| | Replace 2 Gas Monitors | \$ 6,200 | \$ - | \$ - | -100% |
| | Portable Trash Pump | \$ 5,700 | \$ - | \$ - | -100% |
| | Emergency By-pass to Replace Big Blue | \$ - | \$ - | \$ 110,000 | 100% |
| | Arrow Board | \$ - | \$ - | \$ 5,400 | 100% |
| | Subtotal Sewer Maintenance Equipment | \$ 106,900 | \$ 100,000 | \$ 156,400 | 46% |
| 50-99-0000- 6360 | Office Equipment | | | | |
| | Refurbished Dell Server | \$ 7,700 | \$ 7,000 | \$ - | -100% |
| | Website Development | \$ 34,800 | \$ 34,800 | \$ - | -100% |
| | NetApp Storage Area Network & Cisco Switch | \$ - | \$ - | \$ 20,500 | 100% |
| | Optimize Radio Communications | \$ - | \$ - | \$ 7,500 | 100% |
| | Subtotal Office Equipment | \$ 42,500 | \$ 41,800 | \$ 28,000 | -34% |

**Leucadia Wastewater District
Fiscal Year 2022 Capital Budget
Capital Acquisition Expense Detail**

| Acct # | Description | FY 2021 Budget | FY 2021 Projected | FY 2022 Proposed | % Change Bud to Bud |
|---|---|---------------------|----------------------|---------------------|------------------------|
| 50-99-0000- 6380 | Pump Station Equipment | | | | |
| | Replace Vapex Odor Control Machine | \$ 110,300 | \$ 103,000 | \$ - | -100% |
| | (2) Hydro Ranger 200 HMI | \$ - | \$ - | \$ 8,200 | 100% |
| | Replace Avocado & Diana main disconnect breakers | \$ - | \$ - | \$ 6,000 | 100% |
| | Rebuilt Muffin Monster | \$ - | \$ - | \$ 35,000 | 100% |
| | Replace RV PS Submersible Pump | \$ - | \$ 10,000 | \$ 22,000 | 100% |
| | Replace Isolation valves, Avocado pump station | \$ - | \$ - | \$ 5,100 | 100% |
| | Misc. Equipment | \$ - | \$ - | \$ 20,000 | 100% |
| | Subtotal Pump Station Equipment | \$ 110,300 | \$ 113,000 | \$ 96,300 | -13% |
| Wastewater (Batiquitos Joint Facilities) | | | | | |
| 50-99-0022- 6380 | Pump Station Equipment | | | | |
| | Emergency by-pass connector | \$ 6,000 | \$ 5,900 | \$ - | -100% |
| | Replace Vapex Odor Control Machine | \$ 110,300 | \$ 103,500 | \$ - | -100% |
| | Rehab (2) Pumps & Motors | \$ - | \$ 90,800 | \$ - | 100% |
| | Misc. Equipment | \$ - | \$ - | \$ 20,000 | 100% |
| | Subtotal Batiquitos Joint Facilities Equipment | \$ 116,300 | \$ 200,200 | \$ 20,000 | -83% |
| TOTAL WASTEWATER FACILITIES | | \$ 1,262,500 | \$ 1,382,400 | \$ 430,200 | -66% |
| Recycled Water Facilities | | | | | |
| 50-99-0019- 6390 | AWT Equipment | | | | |
| | Chemical Metering Pump | \$ 5,100 | \$ 5,000 | \$ - | -100% |
| | Reclaimed Water Supply Pumps | \$ 22,500 | \$ - | \$ 22,500 | 0% |
| | Replace Check & Effluent Valves | \$ 7,500 | \$ 8,300 | \$ - | -100% |
| | Rebuild Secondary Effluent Pumps & Motors | \$ - | \$ 43,000 | \$ - | 100% |
| | Replace #1 VFD at EPPS | \$ - | \$ 8,600 | \$ - | 100% |
| | Install new Chlorine feed line | \$ - | \$ 19,200 | \$ - | 100% |
| | AWT - Replace AC Unit | \$ - | \$ - | \$ 12,500 | 100% |
| | Misc. Equipment | \$ - | \$ - | \$ 10,000 | 100% |
| | Subtotal AWT Equipment | \$ 35,100 | \$ 84,100 | \$ 45,000 | 28% |
| TOTAL RECYCLED WATER FACILITIES | | \$ 35,100 | \$ 84,100 | \$ 45,000 | 28% |
| Total Capital Acquisitions | | \$ 1,297,600 | \$ 1,466,500 | \$ 475,200 | -63% |

**LEUCADIA WASTEWATER DISTRICT
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS SUMMARY
FISCAL YEAR 2022**

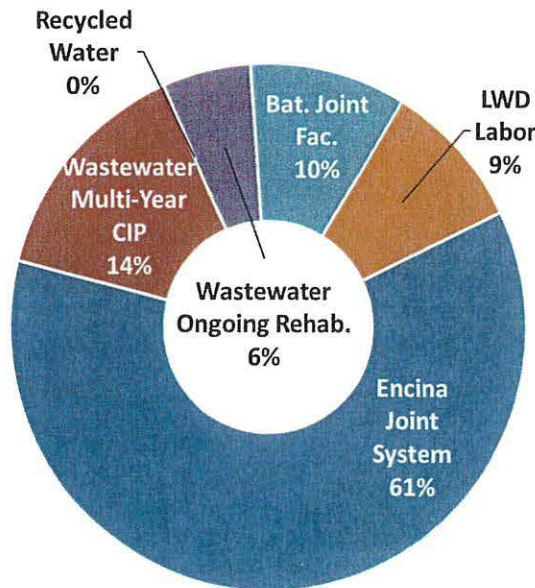
| Location Code | Projects | Prior Appropriations | Projected Cumulative Expenditures | Projected Remaining Appropriations | Projected Carryover | FY 2022 Appropriation | Projected Remaining CIP Appropriation |
|--|---|----------------------|-----------------------------------|------------------------------------|---------------------|-----------------------|---------------------------------------|
| | | 1 | 2 | 3 = (1 - 2) | 4 | 5 | 6 =(4 + 5) |
| Wastewater Program | | | | | | | |
| <i>Leucadia Facilities Multi-year CIP:</i> | | | | | | | |
| 0358 | Leucadia Pump Station Rehabilitation | \$ 5,257,800 | \$ 4,097,000 | \$ 1,160,800 | \$ 1,160,800 | \$ - | \$ 1,160,800 |
| 0364 | Encinitas Estates Pump Station Replacement | \$ 1,141,000 | \$ 579,000 | \$ 562,000 | \$ 562,000 | \$ - | \$ 562,000 |
| 0372 | Diana Pump Station Upgrade | \$ 564,800 | \$ 39,000 | \$ 525,800 | \$ 525,800 | \$ - | \$ 525,800 |
| 0377 | FY 2021 Gravity Pipeline Rehabilitation | \$ 665,000 | \$ 415,000 | \$ 250,000 | \$ 250,000 | \$ - | \$ 250,000 |
| 0380 | FY 2022 Gravity Pipeline Rehabilitation | \$ - | \$ - | \$ - | \$ - | \$ 400,000 | \$ 400,000 |
| 0381 | Village Park 7 Pump Station Rehabilitation | \$ - | \$ - | \$ - | \$ - | \$ 415,000 | \$ 415,000 |
| | Leucadia Multi-year CIP Total: | \$ 7,628,600 | \$ 5,130,000 | \$ 2,498,600 | \$ 2,498,600 | \$ 815,000 | \$ 3,313,600 |
| <i>Leucadia Facilities Ongoing Rehabilitation:</i> | | | | | | | |
| 0077 | Misc. Pipeline/Manhole/PS Rehabilitation | \$ 204,500 | \$ 155,000 | \$ 49,500 | n/a | \$ 207,000 | \$ 207,000 |
| 0323 | Lateral Repl. / Backflow Preventer Program | \$ 104,000 | \$ 73,000 | \$ 31,000 | n/a | \$ 103,000 | \$ 103,000 |
| | Leucadia Rehab Total: | \$ 308,500 | \$ 228,000 | \$ 80,500 | n/a | \$ 310,000 | \$ 310,000 |
| <i>Batiquitos Joint Facilities:</i> | | | | | | | |
| 0361 | Poinsettia Station Gravity Pipeline Project | \$ 1,040,000 | \$ 1,025,000 | \$ 15,000 | \$ 15,000 | \$ - | \$ 15,000 |
| 0375 | Batiquitos PS Emergency Basin Upgrade | \$ 98,000 | \$ 22,000 | \$ 76,000 | \$ 76,000 | \$ 555,000 | \$ 631,000 |
| | Jointly-Owned Facilities Total: | \$ 1,138,000 | \$ 1,047,000 | \$ 91,000 | \$ 91,000 | \$ 555,000 | \$ 646,000 |
| <i>Encina Joint System:</i> | | | | | | | |
| 0072 | Capital Improvement Projects | \$ 6,685,184 | \$ 4,803,584 | \$ 1,881,600 | \$ 1,881,600 | \$ 3,228,685 | \$ 5,110,285 |
| | Planned Asset Replacement | \$ 165,822 | \$ 165,822 | \$ - | n/a | \$ 184,968 | \$ 184,968 |
| | Capital Acquisitions | \$ 58,246 | \$ 58,246 | \$ - | n/a | \$ 58,632 | \$ 58,632 |
| | EWA Capital Program Total | \$ 6,909,252 | \$ 5,027,652 | \$ 1,881,600 | \$ 1,881,600 | \$ 3,472,285 | \$ 5,353,885 |
| Recycled Water Program | | | | | | | |
| <i>Recycled Water Projects:</i> | | | | | | | |
| 0328 | North SD Water Reuse Coalition Project | \$ 408,000 | \$ 343,100 | \$ 64,900 | \$ 64,900 | \$ - | \$ 64,900 |
| 0367 | B1 Force Main - North Section Replacement | \$ 526,500 | \$ 22,600 | \$ 503,900 | \$ 503,900 | \$ - | \$ 503,900 |
| | Recycled Water Program Total | \$ 934,500 | \$ 365,700 | \$ 568,800 | \$ 568,800 | \$ - | \$ 568,800 |
| 0302 | Professional Services | \$ 21,500 | \$ - | \$ 21,500 | n/a | \$ 20,000 | \$ 20,000 |
| 0499 | LWD Labor | \$ 489,558 | \$ 480,000 | \$ 9,558 | n/a | \$ 517,861 | \$ 517,861 |
| | CAPITAL PROGRAM TOTAL | \$ 17,429,910 | \$ 12,278,352 | \$ 5,151,558 | \$ 5,040,000 | \$ 5,690,146 | \$ 10,730,146 |

LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2022 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 2022 (FY22) 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 FY22. 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 FY22 Budget includes carryover appropriations for the Leucadia Pump Station (PS) Rehabilitation, Encinitas Estates PS Replacement, Diana PS Upgrade, FY21 Gravity Pipeline Rehabilitation, Poinsettia Station Gravity Pipeline, Batiquitos PS Emergency Basin Upgrade, 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 FY22 for the continued construction of the Batiquitos PS Emergency Basin Upgrade Project and for Encina Capital Improvement Projects. In addition, new appropriations are included for the FY22 Gravity Pipeline Rehabilitation and Village Park No. 7 PS Replacement 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 FY22.

LEUCADIA WASTEWATER DISTRICT FISCAL YEAR 2022 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 (H₂S) / odor control to the pump station. It should be noted that the last major rehabilitation of LPS was completed in July 2006. In February 2020 the Board awarded the contract for project construction to Stanek Constructors, Incorporated. The Notice to Proceed was issued in March 2020. Construction is ongoing. It is anticipated that construction will be completed by July 2021. An additional appropriation is not required for FY22.



FY22 Total Appropriations

None

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. In November 2020 the Board awarded the contract for project construction to Pacific Hydrotech Corporation. The Notice to Proceed was issued in December 2020

with an anticipated project completion in January 2022. Based on the projected contract and soft costs for construction, no additional appropriation is needed for FY22.

FY22 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 to the pump station be completed to include a pump control upgrade, main breaker replacement, and a pump replacement. In addition, the pump station does not have an emergency generator for operation during a loss of power. To accommodate the emergency generator

the District is working to acquire an easement on an unused adequately sized property that exists across the street. There are sufficient funds appropriated to obtain the easement, complete project design and initiate construction. An additional appropriation will be requested in the future to complete project construction. However, no additional appropriation is required for FY22.

FY22 Total Appropriations

None

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

The Board of Directors awarded the construction of the FY21 Gravity Pipeline Rehabilitation Project in February 2021. This project will use the Cured-In-Place Pipe (CIPP) Lining method to repair 28 pipeline defects and install one Cured-In-Place Manhole liner. The Notice to Proceed was issued in February 2021. Construction of the project is ongoing. There is sufficient funding to complete the project and no additional appropriation is needed for FY22.

FY22 Total Appropriations

None

FY2022 Gravity Pipeline Rehabilitation Project (Location Code No. 0380)



Field Services Staff continues to conduct Closed Circuit Television (CCTV) inspections of the collection system. As a result, significant defects are continuously being discovered in numerous pipeline segments and manholes that require rehabilitation or repair to prevent Sanitary Sewer Overflows (SSO). Staff uses the Repair Priority List to maintain a priority listing of gravity pipeline and manhole defects requiring repair or rehabilitation. Staff has implemented a system of alternating Fiscal Year (FY) projects between open trench construction and Cured-In-Place Pipe (CIPP) / Cured-In-Place Manhole (CIPM) Lining methods to correct defects.

The FY22 Gravity Pipeline Rehabilitation Project will consist of open trench construction to correct 8 defects discovered during CCTV inspections. Out of the 8 defects to be repaired, 5 will include the installation of a new sewer manhole. The manholes will replace existing sewer cleanouts or stub outs that cause infiltration, have root intrusion, no access; or a combination of the three. The FY22 appropriation is for project design and construction.

FY22 Total Appropriations

\$400,000

Village Park No. 7 Pump Station Replacement (Location Code No. 0381)

The 2019 Pump Station Assessment conducted by Infrastructure Engineering Corporation (IEC) recommended the replacement the Village Park No. 7 (VP7) Pump Station because it is approaching its 50 year design life. The pump station was installed in 1973 and is a Smith and Loveless metal can packaged pump station. Because it is nearing the end of its useful life, the mechanical, electrical and structural components require replacement. Instead of rehabilitating the current station, the Pump Station Assessment recommended that the VP7 Pump Station be replaced with a submersible pump station. The replacement will increase collection system resiliency, improve operations and maintenance accessibility and provide a safer environment for field services staff. The FY22 appropriation is to complete project design and initiate construction. An additional appropriation will be requested in the future to complete project construction.



FY 22 Total Appropriations

\$415,000

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.

FY22 Total Appropriations **\$207,000**

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

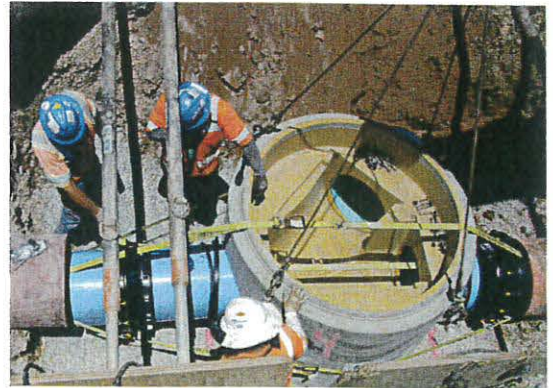
In a typical sewer collection system, broken/leaking laterals are responsible for 30% to 70% of Inflow and Infiltration (I&I). This represents a potential for significantly decreasing the capacity of the sewer mains and treatment plant, resulting in sewer spills, beach closures, house flooding, and National 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 reimbursement program, of up to \$3,000 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.

FY22 Total Appropriations **\$103,000**

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, the District is working with SANDAG to determine final project costs. No additional appropriation is required for FY22.



FY22 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 were 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 FY22 appropriation is for project construction and associated soft costs.

FY22 Total Appropriations **\$555,000**

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 costs based on its actual ownership of the facilities being improved as part of the EWA's quarterly billing process.

The proposed FY22 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 \$3,472,285 with \$3,228,685 for Capital Projects, \$184,968 for Planned Asset Replacement and \$58,632 for Capital Acquisitions.

FY22 Total Appropriations **\$3,472,285**

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

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 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. A lobbying contract has been executed with BlueWater Strategies to lobby for federal funding, including Title XVI and WRRDA funds. The FY22 appropriation is needed to continue the District's participation in the Coalition.

FY22 Total Appropriations

None

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. Previous attempts to obtain federal grant funding for the project as part of the NSDWRC project have been unsuccessful. However, NSDWRC has recently applied for the FY2021 WIIN (Water Infrastructure Improvements for the Nation Act) grant funding. 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 FY22.

FY22 Total Appropriations

None

Professional Services (Location Code No. 0302)

\$20,000

LWD Labor (Location Code No. 0499)

\$517,861

TOTAL NEW FY22 CIP APPROPRIATIONS

\$ 5,690,146

TOTAL PRIOR YEAR CARRYOVER

\$ 5,040,000

TOTAL CIP APPROPRIATIONS

\$ 10,730,146

**LEUCADIA WASTEWATER DISTRICT
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS
FISCAL YEAR 2022**

| Description | Account No. | FY 2021 Budget | FY 2022 Budget | Cost Allocation Growth | Replacement |
|---|-----------------|---------------------|-------------------|---------------------------|-------------------|
| Leucadia Facilities Multi-year Projects | | | | | |
| Leucadia Pump Station Rehabilitation | 0358 | | | 7% | 93% |
| Direct Labor | 50-51-0358-4110 | \$ 5,000 | \$ - | \$ - | \$ - |
| Consultant Engineering Services-Design | 50-51-0358-5211 | \$ - | \$ - | \$ - | \$ - |
| Office Engineering | 50-51-0358-5211 | \$ 100,000 | \$ - | \$ - | \$ - |
| Construction Management | 50-51-0358-5212 | \$ 30,000 | \$ - | \$ - | \$ - |
| District Engineering Services | 50-51-0358-5213 | \$ 5,000 | \$ - | \$ - | \$ - |
| Permitting/Environmental | 50-51-0358-5214 | \$ - | \$ - | \$ - | \$ - |
| Public Outreach | 50-51-0358-5216 | \$ - | \$ - | \$ - | \$ - |
| Legal | 50-51-0358-5220 | \$ 2,000 | \$ - | \$ - | \$ - |
| Construction | 50-51-0358-6499 | \$ 1,560,000 | \$ - | \$ - | \$ - |
| Total Leucadia Pump Station Rehabilitation | | \$ 1,702,000 | \$ - | \$ - | \$ - |
| Encinitas Estates Pump Station Replacement | 0364 | | | 8% | 92% |
| 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 | \$ (54,000) | \$ - | \$ - | \$ - |
| Total Encinitas Estates Pump Station Replacement | | \$ (54,000) | \$ - | \$ - | \$ - |
| Diana Pump Station Upgrade | 0372 | | | 17% | 83% |
| Direct Labor | 50-51-0372-4110 | \$ 10,000 | \$ - | \$ - | \$ - |
| Consultant Engineering Services-Design | 50-51-0372-5211 | \$ 30,000 | \$ - | \$ - | \$ - |
| Office Engineering | 50-51-0372-5211 | \$ 17,500 | \$ - | \$ - | \$ - |
| Construction Management | 50-51-0372-5212 | \$ 20,000 | \$ - | \$ - | \$ - |
| District Engineering Services | 50-51-0372-5213 | \$ 5,000 | \$ - | \$ - | \$ - |
| Permitting/Environmental | 50-51-0372-5214 | \$ 30,000 | \$ - | \$ - | \$ - |
| Public Outreach | 50-51-0372-5216 | \$ - | \$ - | \$ - | \$ - |
| Legal | 50-51-0372-5220 | \$ 2,000 | \$ - | \$ - | \$ - |
| Construction | 50-51-0372-6499 | \$ 287,500 | \$ - | \$ - | \$ - |
| Total Diana Pump Station Upgrade | | \$ 402,000 | \$ - | \$ - | \$ - |
| FY 2021 Gravity Pipeline Rehabilitation | 0377 | | | 0% | 100% |
| Direct Labor | 50-51-0377-4110 | \$ 10,000 | \$ - | \$ - | \$ - |
| Consultant Engineering Services-Design | 50-51-0377-5211 | \$ 75,000 | \$ - | \$ - | \$ - |
| Office Engineering | 50-51-0377-5211 | \$ 25,000 | \$ - | \$ - | \$ - |
| Construction Management | 50-51-0377-5212 | \$ 50,000 | \$ - | \$ - | \$ - |
| District Engineering Services | 50-51-0377-5213 | \$ 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 | \$ - | \$ - | \$ - |
| Total FY 2021 Gravity Pipeline Rehabilitation | | \$ 665,000 | \$ - | \$ - | \$ - |
| FY 2022 Gravity Pipeline Rehabilitation | 0380 | | | 0% | 100% |
| Direct Labor | 50-51-0380-4110 | \$ - | \$ 10,000 | \$ - | \$ 10,000 |
| Consultant Engineering Services-Design | 50-51-0380-5211 | \$ - | \$ 30,000 | \$ - | \$ 30,000 |
| Office Engineering | 50-51-0380-5211 | \$ - | \$ 10,000 | \$ - | \$ 10,000 |
| Construction Management | 50-51-0380-5212 | \$ - | \$ 40,000 | \$ - | \$ 40,000 |
| District Engineering Services | 50-51-0380-5213 | \$ - | \$ 5,000 | \$ - | \$ 5,000 |
| Permitting/Environmental | 50-51-0380-5214 | \$ - | \$ - | \$ - | \$ - |
| Public Outreach | 50-51-0380-5216 | \$ - | \$ - | \$ - | \$ - |
| Legal | 50-51-0380-5220 | \$ - | \$ 2,000 | \$ - | \$ 2,000 |
| Construction | 50-51-0380-6499 | \$ - | \$ 303,000 | \$ - | \$ 303,000 |
| Total FY 2022 Gravity Pipeline Rehabilitation | | \$ - | \$ 400,000 | \$ - | \$ 400,000 |
| Village Park 7 Pump Station Rehabilitation | 0381 | | | 0% | 100% |
| Direct Labor | 50-51-0381-4110 | \$ - | \$ 5,000 | \$ - | \$ 5,000 |
| Consultant Engineering Services-Design | 50-51-0381-5211 | \$ - | \$ 225,000 | \$ - | \$ 225,000 |
| Office Engineering | 50-51-0381-5211 | \$ - | \$ 37,500 | \$ - | \$ 37,500 |
| Construction Management | 50-51-0381-5212 | \$ - | \$ 37,500 | \$ - | \$ 37,500 |
| District Engineering Services | 50-51-0381-5213 | \$ - | \$ 10,000 | \$ - | \$ 10,000 |
| Permitting/Environmental | 50-51-0381-5214 | \$ - | \$ - | \$ - | \$ - |
| Public Outreach | 50-51-0381-5216 | \$ - | \$ - | \$ - | \$ - |
| Legal | 50-51-0381-5220 | \$ - | \$ - | \$ - | \$ - |
| Construction | 50-51-0381-6499 | \$ - | \$ 100,000 | \$ - | \$ 100,000 |
| Total Village Park 7 Pump Station Rehabilitation | | \$ - | \$ 415,000 | \$ - | \$ 415,000 |

**LEUCADIA WASTEWATER DISTRICT
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS
FISCAL YEAR 2022**

| Description | Account No. | FY 2021 Budget | FY 2022 Budget | Cost Allocation Growth | Replacement |
|--|-----------------|-----------------------|---------------------|---------------------------|---------------------|
| Leucadia Facilities Ongoing Rehabilitation | | | | | |
| Misc. Pipeline/Manhole/Pump Station Repair | 0077 | | | 0% | 100% |
| Direct Labor | 50-51-0077-4110 | \$ 2,000 | \$ 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 | \$ 5,000 | \$ - | \$ 5,000 |
| 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 | \$ - | \$ - | \$ - | \$ - |
| Total Misc. Pipeline/Manhole/Pump Station Repair | | \$ 204,500 | \$ 207,000 | \$ - | \$ 207,000 |
| Lateral Repl / Backflow Preventer Program | 0323 | | | 0% | 100% |
| Direct Labor | 50-51-0323-4110 | \$ 4,000 | \$ 3,000 | \$ - | \$ 3,000 |
| Program costs | 50-51-0323-6499 | \$ 100,000 | \$ 100,000 | \$ - | \$ 100,000 |
| Total Lateral Repl / Backflow Preventer Program | | \$ 104,000 | \$ 103,000 | \$ - | \$ 103,000 |
| Batiquitos Joint Facilities | | | | | |
| Poinsettia Station Gravity Pipeline Project | 0361 | | | 50% | 50% |
| 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 | \$ - | \$ - | \$ - | \$ - |
| Total Poinsettia Station Gravity Pipeline Project | | \$ - | \$ - | \$ - | \$ - |
| Batiquitos PS Emergency Basin Upgrade | 0375 | | | 0% | 100% |
| Direct Labor | 50-51-0375-4110 | \$ 7,000 | \$ 5,000 | \$ - | \$ 5,000 |
| Consultant Engineering Services-Design | 50-51-0375-5211 | \$ 76,000 | \$ - | \$ - | \$ - |
| Office Engineering | 50-51-0375-5211 | \$ - | \$ 40,000 | \$ - | \$ 40,000 |
| Construction Management | 50-51-0375-5212 | \$ 10,000 | \$ 40,000 | \$ - | \$ 40,000 |
| District Engineering Services | 50-51-0375-5213 | \$ 5,000 | \$ 10,000 | \$ - | \$ 10,000 |
| Permitting/Environmental | 50-51-0375-5214 | \$ - | \$ - | \$ - | \$ - |
| Public Outreach | 50-51-0375-5216 | \$ - | \$ - | \$ - | \$ - |
| Legal | 50-51-0375-5220 | \$ - | \$ - | \$ - | \$ - |
| Construction | 50-51-0375-6499 | \$ - | \$ 460,000 | \$ - | \$ 460,000 |
| Total Batiquitos PS Emergency Basin Upgrade | | \$ 98,000 | \$ 555,000 | \$ - | \$ 555,000 |
| Encina Joint Treatment Facility | | | | | |
| Encina Joint Treatment Facilities Capital Program | 0072 | Remaining Appr | | 0% | 100% |
| <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 | \$ 3,263,726 | \$ 3,218,685 | \$ - | \$ 3,218,685 |
| Total Capital Projects | | \$ 3,273,726 | \$ 3,228,685 | \$ - | \$ 3,228,685 |
| Planned Asset Replacement & Rehabilitation | 50-51-0072-6420 | \$ 165,822 | \$ 184,968 | \$ - | \$ 184,968 |
| Capital Acquisitions | 50-51-0072-6420 | \$ 58,246 | \$ 58,632 | \$ - | \$ 58,632 |
| Total Encina Joint Treatment Facilities Capital Program | | \$ 3,497,794 | \$ 3,472,285 | \$ - | \$ 3,472,285 |

**LEUCADIA WASTEWATER DISTRICT
CAPITAL PROGRAM - CAPITAL IMPROVEMENT PROJECT APPROPRIATIONS
FISCAL YEAR 2022**

| Description | Account No. | Remaining Appr | FY 2021 | FY 2022 | Cost Allocation | |
|--|-----------------|----------------|--------------|--------------|-----------------|--------------|
| | | | Budget | Budget | Growth | Replacement |
| Encina Joint Treatment Facility | | | | | | |
| Encina Joint Treatment Facilities Capital Program | 0072 | | | | 0% | 100% |
| Capital Projects | | | | | | |
| Direct Labor | 50-51-0072-4110 | | \$ 10,000 | \$ 10,000 | \$ - | \$ 10,000 |
| Capital Improvement Projects / Capital Labor | 50-51-0072-6420 | | \$ 3,263,726 | \$ 3,218,685 | \$ - | \$ 3,218,685 |
| Total Capital Projects | | | \$ 3,273,726 | \$ 3,228,685 | \$ - | \$ 3,228,685 |
| Planned Asset Replacement & Rehabilitation | 50-51-0072-6420 | | \$ 165,822 | \$ 184,968 | \$ - | \$ 184,968 |
| Capital Acquisitions | 50-51-0072-6420 | | \$ 58,246 | \$ 58,632 | \$ - | \$ 58,632 |
| Total Encina Joint Treatment Facilities Capital Program | | | \$ 3,497,794 | \$ 3,472,285 | \$ - | \$ 3,472,285 |
| Recycled Water Projects | | | | | | |
| North SD Water Reuse Coalition Project | 0328 | | | | 0% | 100% |
| Direct Labor | 50-51-0328-4110 | | \$ 7,000 | \$ - | \$ - | \$ - |
| Title XVI Funding Effort | 50-51-0328-5211 | | \$ 20,000 | \$ - | \$ - | \$ - |
| Design | 50-51-0328-5211 | | \$ - | \$ - | \$ - | \$ - |
| District Engineering Services | 50-51-0328-5213 | | \$ 3,000 | \$ - | \$ - | \$ - |
| Legal | 50-51-0328-5220 | | \$ 500 | \$ - | \$ - | \$ - |
| Total North SD Water Reuse Coalition Project | | | \$ 30,500 | \$ - | \$ - | \$ - |
| B1 Force Main - Northern Section Replacement | 0367 | | | | 0% | 100% |
| 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 | | \$ - | \$ - | \$ - | \$ - |
| Total B1 Force Main - Northern Section Replacement | | | \$ - | \$ - | \$ - | \$ - |
| Professional Services | 0302 | | | | | |
| District Engineering Services | 50-51-0302-5213 | | \$ 21,500 | \$ 20,000 | \$ - | \$ 20,000 |
| Total Professional Services | | | \$ 21,500 | \$ 20,000 | \$ - | \$ 20,000 |
| LWD Labor | 0499 | | | | | |
| Direct Labor | 50-51-0499-4110 | | \$ 296,803 | \$ 325,065 | \$ - | \$ 325,065 |
| Administration Labor | 50-51-0499-6995 | | \$ 192,755 | \$ 192,796 | \$ - | \$ 192,796 |
| Total LWD Labor | | | \$ 489,558 | \$ 517,861 | \$ - | \$ 517,861 |
| TOTAL CIP PROGRAM | | | \$ 7,160,852 | \$ 5,690,146 | \$ - | \$ 5,690,146 |

| | |
|-------------------------------------|------------|
| Total Direct Labor | \$ 360,065 |
| Total District Engineering Services | \$ 50,000 |