

# SAN ELIJO

JOINT POWERS AUTHORITY



ADOPTED ANNUAL BUDGET

FY 2022 - 23



SAN ELIJO

JOINT POWERS  
AUTHORITY

# SAN ELIJO JOINT POWERS AUTHORITY



Celebrating 57 years of service



Creating lasting water solutions for our communities & environment



Delivering responsible & reliable service



Promoting opportunities for our communities

## Mission

To serve our communities by providing safe and reliable recycled water and wastewater services in order to protect the environment and public health.

## Vision

We pursue innovative practices to produce clean water in an environmentally, socially, and fiscally responsible manner.

*As an organization, the San Elijo Joint Powers Authority values:*

HUMAN VALUE	PUBLIC TRUST	SAFETY	VALUE	LOYALTY
Provide equal opportunity for all employees to succeed and grow professionally and personally.	Honor and promote public confidence through transparency, personal character, and the highest level of professional behavior.	Ensure individual safety and the safety of co-workers and the public, without compromise.	Provide superior service to the community in a safe, reliable, and cost-effective manner.	Faithfully and reliably promote the best interests of the agency and fellow employees.
COURTESY	RESPONSIBILITY	HONESTY & INTEGRITY	COMMUNITY	
Be respectful, considerate, aware, and caring.	Be accountable for one’s conduct and actions.	Be truthful and factual in upholding the values and ethics of the agency.	Demonstrate leadership and stewardship in serving the community and protecting the environment.	

# SAN ELIJO JOINT POWERS AUTHORITY

## ADOPTED ANNUAL BUDGET FISCAL YEAR 2022-23

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### BOARD OF DIRECTORS

KELLIE HINZE, ENCINITAS COUNCIL MEMBER, CHAIRPERSON  
DAVID ZITO, SOLANA BEACH COUNCIL MEMBER, VICE CHAIRPERSON  
CATHERINE BLAKESPEAR, ENCINITAS MAYOR, MEMBER  
KRISTI BECKER, SOLANA BEACH COUNCIL MEMBER, MEMBER

### MANAGEMENT

MICHAEL T. THORNTON, P.E., GENERAL MANAGER  
CHRISTOPHER A. TREES, P.E., DIRECTOR OF OPERATIONS  
AMY CHANG, MSBA, DIRECTOR OF FINANCE/ADMINISTRATION

### MEMBER AGENCIES

CITY OF ENCINITAS  
CITY OF SOLANA BEACH

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2695 Manchester Avenue  
Cardiff by the Sea, CA 92007  
[www.sejpa.org](http://www.sejpa.org)

# TABLE OF CONTENTS

## TRANSMITTAL LETTER > PG.5

---

## BOARD RESOLUTION > PG. 8

---

## BUILDING FOR THE NEXT GENERATION > PG.9

---

Looking Back	Pg. 10
Leading the Industry	Pg. 11
Fund Summary	Pg. 12
Revenue Summary	Pg. 13

## REVENUE DETAIL > PG.16

---

City of Encinitas	Pg. 16
City of Solana Beach	Pg. 17
City of Del Mar	Pg. 17
22nd District Agricultural Association (Del Mar Fairgrounds)	Pg. 18
Rancho Santa Fe Community Services District	Pg. 18
City of Escondido	Pg. 18
Laboratory Services	Pg. 18
Recycled Water	Pg. 19

## OPERATING EXPENSE SUMMARY > Pg.20

---

Wastewater Treatment	Pg. 25
Laboratory Services	Pg. 29
Ocean Outfall	Pg. 31
Cardiff Sanitary Division Pump Stations	Pg. 34

## *Cost Detail by Program continued...*

Encinitas Sanitary Division Pump Station	Pg. 37
City of Encinitas Urban and Stormwater Services	Pg. 39
Solana Beach Pump Stations	Pg. 42
Solana Beach Generator Maintenance Services	Pg. 45
Del Mar Services	Pg. 47
22nd District Agricultural Association (Del Mar Fairgrounds)	Pg. 49
Recycled Water	Pg. 51

## CAPITAL PROGRAMS > PG. 55

---

Capital Improvement Project Overview	Pg. 55
Appropriation Summary	Pg. 56
Wastewater Treatment Laboratory Remodel Project	Pg. 57
Ocean Outfall Project	Pg. 58
Cardiff Pump Station	Pg. 58
Encinitas Sanitary Division Project	Pg. 59
Solana Beach Pump Station Project	Pg. 59
Recycled Water	Pg. 60

## DEBT SERVICE > PG. 61

---

Wastewater Treatment Debt Service	Pg. 61
Recycled Water Debt Service	Pg. 62
Debt Service Summary	Pg. 63

## CLASSIFICATION AND SALARY SCHEDULE > PG. 64

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## ORGANIZATIONAL CHART > PG. 65

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# TRANSMITTAL LETTER

Honorable Chairperson and Members of the Board of Directors:

I am pleased to present the Fiscal Year (FY) 2022-23 Adopted Budget for the San Elijo Joint Powers Authority (SEJPA). As we transition from the challenges created by the pandemic to those presented by inflation and staffing shortages, our goal of reliable service and environmental protection remains unchanged. Our team continued to strengthen its culture of innovation, collaboration, and fiscal responsibility through partnerships that have resulted in many meaningful pursuits including our recent completion of the Water Campus Improvement project, receiving \$5.4 million in Caltrans' funding for bike and pedestrian path construction, State grants of \$1.5 million for stormwater capture and reuse, and other pending State and Federal grants for expanding and improving our recycled water utility.



**Working Toward a Sustainable Future.** Our Recycled Water Program serves customers in the cities of Del Mar, Encinitas, and Solana Beach, as well as portions of Rancho Santa Fe. We produce more than 500 million gallons per year, and this local water supply is more important than ever as California and the southwest United States enter into another extended drought. We are also nearing the completion of our photovoltaic solar project that will provide up to 25% of our Water Campus electrical power. In addition, we are now providing electric vehicle charging to the public as we advance forward in meeting our climate action plan goals.



**Exceptional Water Treatment.** We continue producing outstanding water quality and in 2021 our average removal rate was 98% for both Carbonaceous Biochemical Oxygen Demand (CBOD) and Total Suspended Solids (TSS). The track record for compliance and permitting related to air quality, ocean discharge for wastewater treatment, and recycled water demonstrates SEJPA is committed to our mission to protect the environment and public health.



**Achieving Highest Levels of Safety.** We are especially proud of our safety record. For more than 20 consecutive years, we have operated our utility and completed capital projects without staff missing a single work-day due to injury. Our commitment to safety has earned formal recognition from the California Sanitation Risk Management Authority (CSRMA) and the California Water Environment Association (CWEA), as well as resulted in lower insurance rates and a happy and healthy work force.



**Investing in Our Community and Workforce.** Through our internship program, we have created partnerships with local universities and community colleges to help prepare our next generation of water leaders. In FY 2021-22, we have filled three positions with interns from this program.



**Building Valuable Partnerships.** SEJPA strives to be a model of inter-agency cooperation. Our culture of collaboration improves cost effectiveness, expands Recycled Water service, and increases the benefits we provide to the region. We are especially proud of the partnerships we have built with the North San Diego Water Reuse Coalition, and we are currently leading a \$2.82 million, multi-agency, grant effort to expand recycled water use in north county.

The FY 2022-23 budget reflects our continued commitment to these goals and achievements.

## OPERATING BUDGET OVERVIEW

The SEJPA Adopted Budget for FY 2022-23 comprises 11 operational programs that are managed and operated by SEJPA. We continually seek opportunities to improve our services and to apply science, engineering, and technology to maximize value to the communities we serve.

For FY 2022-23, the total increase in Operating Costs year-over-year is \$908,331 or 11.3%. The increase reflects general cost inflation associated with labor, supplies, and services, coupled with higher demands for engineering services to expand and advance the recycled water program and the new addition of clean water services to the 22<sup>nd</sup> District Agricultural Association. The majority of the cost increase or approximately \$585,000 will be funded by the sale of recycled water, 22<sup>nd</sup> District Agricultural Association, and grant funding.

Program	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23	Budget Change	% Change
Wastewater Treatment	\$ 2,887,854	\$ 3,063,166	\$ 3,202,668	\$ 3,455,532	\$ 252,864	7.9%
Laboratory Services	706,179	831,813	841,210	894,520	53,310	6.3%
Ocean Outfall	655,945	1,153,410	1,103,408	1,020,349	(83,059)	-7.5%
Cardiff Sanitary Division Pump Stations	318,053	290,065	296,008	355,226	59,218	20.0%
Encinitas Sanitary Division Pump Stations	171,749	134,008	151,184	155,882	4,697	3.1%
City of Encinitas Urban and Stormwater Services	63,682	47,087	35,048	37,314	2,266	6.5%
City of Solana Beach Pump Stations	405,161	384,335	418,351	446,437	28,086	6.7%
City of Solana Beach Generator Maintenance Services	9,425	13,812	14,111	14,884	773	5.5%
City of Del Mar Pump Station	51,442	55,604	57,425	61,888	4,463	7.8%
Del Mar Fairgrounds	-	-	-	120,000	120,000	-
	\$ 5,269,491	\$ 5,973,300	\$ 6,119,414	\$ 6,562,031	\$ 442,617	7.2%
Recycled Water	1,981,314	1,861,871	1,883,700	2,349,413	465,713	24.7%
Total Operating Expenses	\$ 7,250,806	\$ 7,835,171	\$ 8,003,113	\$ 8,911,445	\$ 908,331	11.3%

## CAPITAL BUDGET OVERVIEW

The Capital Improvement Program (CIP) is prioritized by regulatory compliance, risk assessment to prevent system failure, environmental protection, and resource recovery. Our philosophy for capital spending is to first identify priority projects, maximize cost effectiveness, minimize community impacts, and streamline project delivery. In FY 2021-22, we completed the \$20.6 million Water Campus Improvement project that included a host of community-focused upgrades and replaced aging facilities to strengthen our safety, environmental, education, and public-facing programs. Our capital infrastructure priorities for FY 2022-23 include:

- Commence construction of the Solids Treatment Improvement project, which will replace treatment systems installed in 1991 with modern, more water efficient equipment, and upgrade associated chemical storage, electrical system, and building components to meet current industry standards. Project

budget is at \$10.3 million and is expected to have an 18-month construction duration subsequent to the advertise and award process in Fall 2022.

- Complete the design of mechanical improvements to the Moonlight Beach Pump Station, which include replacing pumps, motors, valves, and other aging equipment that has reached the end of its service life. The budget is \$1.5 million, and the project is in design with construction award expected in 2023.
- Stormwater Capture & Reuse is predominately a grant funded project that is planned to move from design to construction in 2023. The project budget is \$900,000.
- Initiate the design of converting an existing 3-million-gallon concrete water tank to recycled water storage. The budget is \$2.2 million, and the project has qualified for approximately \$1 million in grant funding.
- Continue the development of treatment and other improvements to support advancing to Potable Reuse. Funding for engineering consulting and treatment modeling is \$75,000 with a similar match of agency staff time.

## *DEBT SERVICE OVERVIEW*

Debt service will increase by \$25,050 or 1.6% compared to prior year, from \$1,562,666 for FY 2021-22 to \$1,587,716 for FY 2022-23. This increase reflects minor changes in payments to the 2017 Revenue Bonds, Solana Beach Pipeline loan, and SFID Pipeline Loan. The SDG&E loan for the energy efficiency improvements and the private placement loan for the construction of the Advanced Water Purification Facility will remain unchanged.

## *A VISION FOR THE FUTURE*

Our goal is to deliver excellent service, build trust with our customers and the community, and maximize opportunities to increase local sustainability, while developing and inspiring our employees. We are a recognized environmental leader in California, embracing progressive approaches to wastewater treatment, recycled water production, and stormwater management to create sustainable solutions for resilient communities. Our commitment to provide excellent service stands without compromise even in these challenging times. Without the support from our Board, workforce, and community members, none of this would be possible, and we would like to extend our gratitude for their unwavering support.

Your San Elijo Joint Powers Authority team is pleased to present the Adopted FY 2022-23 Budget.

Respectfully submitted,



Michael T. Thornton, P.E.  
General Manager

**RESOLUTION NO. 2022-04**

**RESOLUTION APPROVING THE SAN ELIJO JOINT POWERS AUTHORITY  
OPERATING AND CAPITAL IMPROVEMENT BUDGETS  
FOR FISCAL YEAR 2022-23**

WHEREAS, the San Elijo Joint Powers Authority (SEJPA) General Manager has submitted for the consideration of the SEJPA Board of Directors proposed SEJPA Operating and Capital Projects Budgets for Fiscal Year 2022-23;

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE SAN ELIJO JOINT POWERS AUTHORITY HEREBY RESOLVES AS FOLLOWS:

1. The Board of Directors has reviewed the Recommended Operating Budgets and Capital Projects Budget, and the funds included herein for the period of July 1, 2022 through June 30, 2023 and hereby finds that such budgets, as reviewed, are sound plans for the financing of required SEJPA operations and capital improvements during Fiscal Year 2022-23. Such budgets are hereby adopted.

San Elijo JPA Operations and Maintenance Fund	\$ 7,952,845
San Elijo JPA Water Reclamation Operating Fund	3,046,316
San Elijo JPA Capital Projects Fund	<u>2,680,000</u>
Total	<u>\$ 13,679,161</u>

2. The Board of Directors authorizes carrying forward unexpended capital project appropriations and encumbered operating funds for the Fiscal Year 2022-23.
3. The Board of Directors authorizes the SEJPA Treasurer to deposit any surplus FY 2022-23 budgeted funds, meaning appropriated funds that are not expended or otherwise encumbered by June 30, 2023, into the SEJPA PARS Public Agencies Post-Employments Benefits Trust Program.

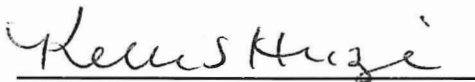
PASSED AND ADOPTED this 21<sup>th</sup> day of June, 2022, by the following vote:

AYES: Board members: Hinze, Zito, Becker

NOES: Board members:

ABSENT: Board members: Blakespear

ABSTAIN: Board members:



Kellie Hinze, Chairperson  
SEJPA Board of Directors

ATTEST:



Michael T. Thornton, P.E.  
Secretary of the Board



## BUILDING FOR THE NEXT GENERATION

In October 2021, SEJPA's Board of Directors cut the ribbon on \$20.6 million in community-focused upgrades to the Water Campus on Manchester Avenue. The crowning feature of the two-year construction program is a modern, two-story administrative and operation center, which replaces the original operation center built 50 years ago and that will provide new spaces for educational learning and water research opportunities.

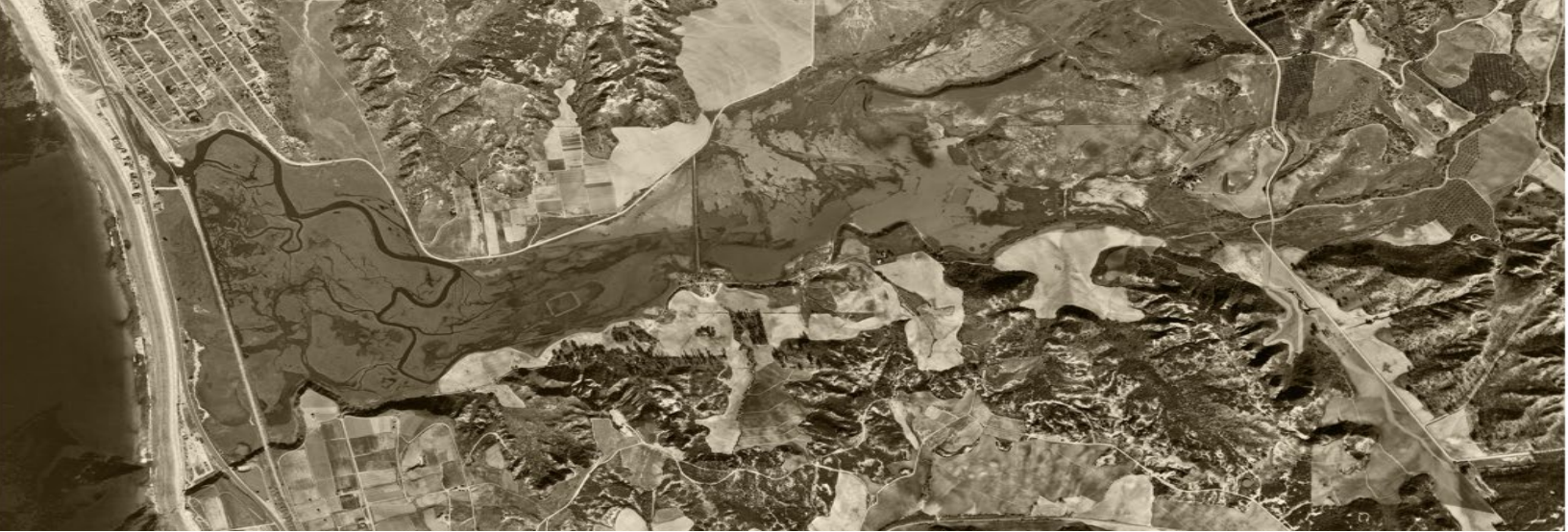
The campus improvements include numerous public amenities including free, overflow parking for the nearby San Elijo Lagoon Nature Center; education classrooms; pedestrian safety improvements on Manchester Avenue; electric vehicle charging; and a bike/pedestrian path built in partnership with Caltrans. The path connects Birmingham Drive to Manchester Avenue that ends in a park-like setting at the front of the new water campus facilities.

The improvement project also included new facilities for stormwater capture, the permanent preservation of sensitive open space, and the installation of a \$2 million solar system to meet up to 25% of the facility's electrical demand.

The first wastewater facilities on Manchester Avenue opened in the mid-1960s. Through the years, the facilities have evolved into a water campus that treats and recycles wastewater and stormwater, conducts research in collaboration with local universities, and provides educational and apprenticeship opportunities to schools and colleges.



Great partnerships made the improvement program possible. Caltrans contributed \$5.4 million for the multi-use path and improvements on Manchester Avenue and the California Department of Water Resources has committed to fund \$1.5 million for stormwater capture and reuse, as well as water education in collaboration with the Nature Collective. Valuable support also came from the cities of Encinitas and Solana Beach.



## LOOKING BACK

Up to the early 1950s, Solana Beach and Cardiff-by-the-Sea relied on privately-owned septic systems for wastewater treatment and disposal. As the communities grew, the Cardiff Sanitation District and the Solana Beach Sanitation District formed to collect, treat and dispose of wastewater. The districts built independent facilities in the San Elijo Lagoon to provide basic treatment before discharging the effluent directly into the lagoon. Within a decade, authorities determined that water quality in the lagoon was deteriorating, and that treatment needed to improve. In 1963, Cardiff Sanitation District and Solana Beach Sanitation District joined hands to form what is now the San Elijo Joint Powers Authority. Established under state law to protect public health and the environment, in 1965 the newly-formed entity built the San Elijo water pollution control facility and a 4,000-foot-long ocean outfall.

Since then, SEJPA has evolved, adding ocean disposal services to the City of Escondido (1974) and increasing the outfall length to 1.5 miles offshore, building new treatment (1991) to comply with the Clean Water Act, constructing water recycling infrastructure (2000), adding microfiltration and reverse osmosis treatment (2013) to enhance recycled water quality, providing wastewater treatment to the City of Del Mar (2017) and now proposing to add clean water services for 22<sup>nd</sup> District Agricultural Association (Del Mar Fairgrounds) this year.

The San Elijo Joint Powers Authority has come a long way in its service to the local communities and its mission to protect the water environment through a host of clean water programs. Today, our focus is cost-effective, highly-efficient water treatment and recycling to produce a sustainable water supply for decades to come.

### SHARING OUR WATER STORY

We love to share our story. During Water Campus tours, students and teachers see the treatment process for wastewater and water recycling. In a typical year, we welcome more than 900 local students and teachers to the campus. To accommodate distance-learning, we produced a virtual tour to expand our water education outreach.





## LEADING THE INDUSTRY

In 2021, the Water Campus received the prestigious “Plant of the Year” award from the California Water Environment Association (CWEA). We won the recognition first at the regional level before being named top among medium-sized wastewater agencies throughout the state of California. The award recognizes our accomplishments in compliance, innovative practices, cost effectiveness, and superior plant performance.

In addition, our Lead Mechanic, Jose Garcia, received the Gimmicks and Gadgets award from CWEA, which recognizes innovation and creativity in developing solutions to performing routine tasks or function in maintenance, operations, or construction of wastewater collection systems.

## CELEBRATING ACCOMPLISHMENTS

We are proud to support the professional development of our employees. Recent accomplishments include:

### CERTIFICATIONS

**Aaron Simonson**

Laboratory Analyst Grade 1

**Daniel Verdon**

CWEA Laboratory Grade 1

**Devin McGinness**

Wastewater Treatment Grade 1

**Didra Felix**

CWEA Laboratory Grade 1

**Eric O’Riley**

Advanced Water Treatment Operator Grade 3

**James Barnett**

CWEA Grade 2 Mechanical Technologist

**Jason Simmons**

CWEA Laboratory Grade 2

Pursuing his Engineer in Training (EIT) Certification

**Michael Henke**

Advanced Water Treatment Operator Grade 3



# FUND SUMMARY

Wastewater Services fund supports operating and debt services expenses in the Wastewater Treatment, Laboratory Services, Ocean Outfall, Pump Station Operations, and other services programs. Capital expenses for these programs are accounted for under the Capital Projects fund.

Recycled Water fund supports operating, capital, and debt services expenses in the Recycled Water program. FY 2022-23 capital budget includes \$500,000 improvements to water treatment, storage, and conveyance systems.

PARS Trust fund accounts for irrevocable Section 115 Trust acting as a pension rate stabilization program to prefund employee benefit plan obligations. The FY 2022-23 budget includes \$37,000 for PARS Trust for pension management, which will increase the PARS Trust balance to \$487,310.

Capital Projects fund supports pay-as-you go projects for all projects under Wastewater Services programs. FY 2022-23 capital revenue budget of \$2,680,000 includes \$1,060,000 for Solids Treatment (CIP Phase III), \$175,000 for Ocean Outfall Reserves, \$1,125,000 for Moonlight Beach Pump Station rehabilitation, \$120,000 for Laboratory Remodel, and \$200,000 for Miscellaneous Wastewater Treatment projects.

	<b>Wastewater Services</b>	<b>Recycled Water</b>	<b>PARS Trust</b>	<b>Capital Projects</b>	<b>Total</b>
<b>Revenues</b>					
Operating	\$ 6,500,245	\$ 3,436,796	\$ -	\$ -	\$ 9,937,041
Capital	-	800,000	-	2,680,000	3,480,000
Debt	1,390,813	-	-	-	1,390,813
Other	61,783	12,000	37,000	30,000	140,783
Total Revenues	<u>\$ 7,952,840</u>	<u>\$ 4,248,796</u>	<u>\$ 37,000</u>	<u>\$ 2,710,000</u>	<u>\$ 14,948,636</u>
<b>Expenses</b>					
Operating	\$ 6,562,032	\$ 2,349,413	\$ -	\$ -	\$ 8,911,445
Capital	-	500,000	-	6,000,000	6,500,000
Debt Service	1,390,813	196,903	-	-	1,587,716
Other	-	-	-	-	-
Total Expenses	<u>\$ 7,952,845</u>	<u>\$ 3,046,316</u>	<u>\$ -</u>	<u>\$ 6,000,000</u>	<u>\$ 16,999,160</u>
Increase/(Decrease)	<u>\$ -</u>	<u>\$ 1,202,480</u>	<u>\$ 37,000</u>	<u>\$ (3,290,000)</u>	<u>\$ (2,050,525)</u>
Fund Balance Beginning of the Year	-	1,679,846	450,310	15,854,646	17,984,802
Fund Balance End of the Year	<u>\$ -</u>	<u>\$ 2,882,326</u>	<u>\$ 487,310</u>	<u>\$ 12,564,646</u>	<u>\$ 15,934,277</u>

# REVENUE SUMMARY

## *BASIS FOR REVENUE BY SOURCE*

SEJPA's revenue is based on cost of service and miscellaneous revenue sources. Influent and effluent flow percentages are used to estimate the operating and maintenance costs charged to each member and leasing agency. Capacity percentages are used to estimate capital costs charged to each member and leasing agency.

- Influent flow is the basis for Wastewater and Laboratory Services costs.
- Effluent flow is the basis for the Ocean Outfall costs.
- Capacity is the basis for capital programs and debt services.

Below is a table of the 3-year average daily influent, effluent, and owned/leased capacity data for each member and leasing agency:

Entity	Millions of Gallons Per Day (MGD)							
	Wastewater							
	Influent		Effluent		Treatment Capacity		Outfall Capacity	
City of Encinitas	1.230	45.8%	0.616	5.6%	2.200	41.9%	2.250	8.8%
City of Solana Beach	0.924	34.4%	0.487	4.4%	2.200	41.9%	2.250	8.8%
Rancho Santa Fe CSD	0.149	5.6%	0.075	0.7%	0.250	4.8%	0.250	1.0%
City of Del Mar	0.385	14.3%	0.186	1.7%	0.600	11.4%	0.600	2.4%
City of Escondido	-	0.0%	9.675	87.6%	-	0.0%	20.150	79.0%
Total	2.688	100.0%	11.039	100.0%	5.250	100.0%	25.500	100.0%

The Laboratory Services program also provides analytical services to Community Services Districts in Rancho Santa Fe and the Nature Collective. The adopted FY 2022-23 budget is based on historic service levels. The analytical service revenues may vary based upon the actual number of samples analyzed.

Recycled Water program receives revenue from different customers with varying levels of service. In May 2021, the Board accepted the 2021 Recycled Water Cost-of-Service Study and approved recycled water rates for five fiscal years from FY 2021-22 to FY 2025-26. The Recycled Water program also receives incentives in the amount of \$250 per acre-foot (AF) from the Metropolitan Water District of Southern California (MWD) and \$200 per AF from the San Diego County Water Authority (SDCWA).

## *FY 2021-22 ESTIMATED ACTUAL REVENUE*

In reviewing Estimated Actual Revenues for FY 2021-22, estimated revenue in FY 2021-22 is projected to be \$15,291,932, which is \$2.7 million or 15.1% under budget. This is primarily a timing issue as approximately \$3.1 million in Caltrans capital funding arrived earlier than anticipated (FY 2020-21 instead of FY 2021-22). Additionally, revenue from the City of Escondido was over budget by approximately \$177,000 as a result of more work associated with the multi-year Ocean Plume Tracking Study being completed in FY 2021-22. The 2017 Revenue Bond proceeds were spent in full at the end of FY 2020-21, hence no interest was earned in FY 2021-22.

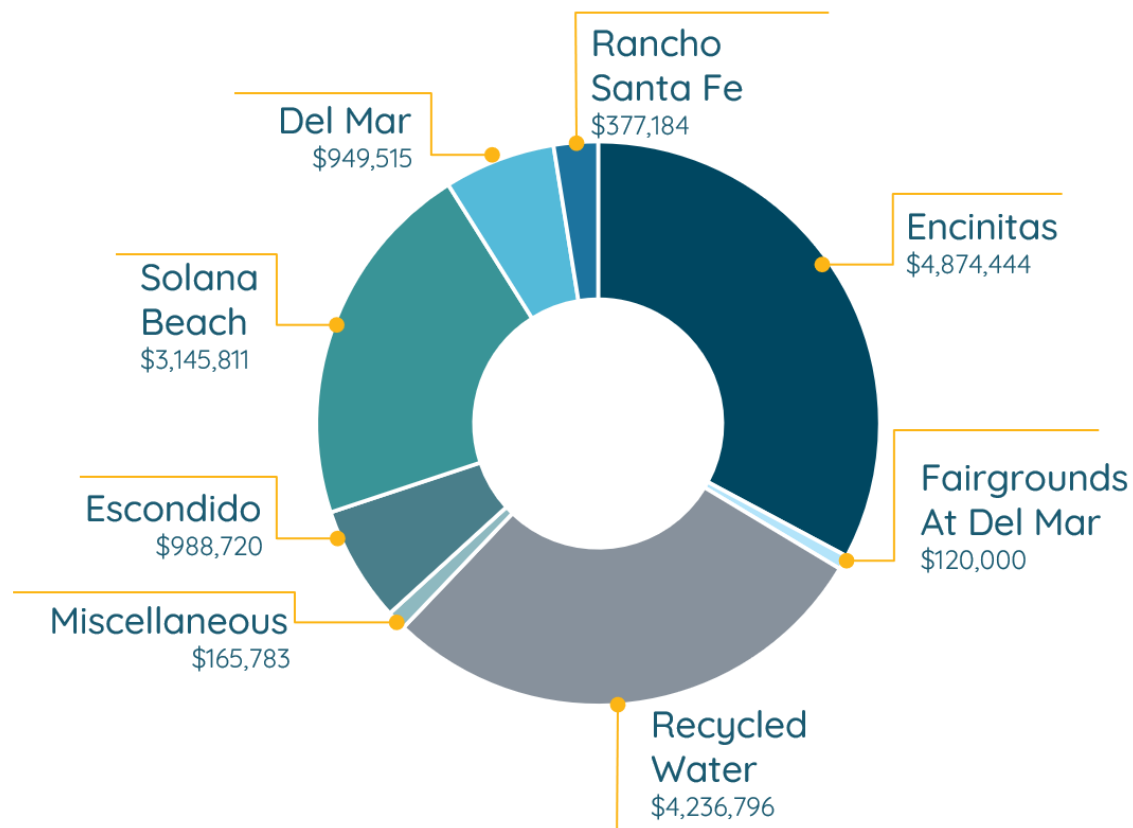
## *FY 2022-23 ADOPTED REVENUE BUDGET*

As we transition from the challenges created by the pandemic to those presented by inflation and increased work demand in various programs, the proposed FY 2022-23 Budget has been prepared to address these challenges. Total anticipated revenue in FY 2022-23 is \$14,858,253. Key contributors to year-over-year budget changes includes:

- General budget increase associated with labor, supplies, and services.
- Increase Engineering Services budget to expand and advance the recycled water program and the new addition of clean water services for the 22<sup>nd</sup> District Agricultural Association (Del Mar Fairgrounds).
- Increase Personnel budget to address wage inflation, add staff to meet current work demands, and succession planning to smooth potential transitions in the near future. In the next three years, seven of eight key staff in the executive and management positions will be of retirement age.
- Increase Laboratory Services budget to respond to audit requirements for additional laboratory supplies and permit fees.
- Increase Ocean Outfall budget to reflect additional internal workload handling regulatory and reporting tasks outside of consultant work for Plume Tracking Study.
- Increase Ocean Outfall budget to meet regulatory requirements by performing a study examining the diffusion effectiveness of the Ocean Outfall system.
- Increase Cardiff Pump Stations budget to include external maintenance service to replace parts for aging generator and to reflect chemical cost increase for odor control.
- Increase Cardiff Pump Station budget to reflect the transfer of electricity utility payment from SDG&E for the Olivenhain Pump Station (OPS) from the City of Encinitas to SEJPA.
- Increase Solana Beach Pump Stations budget to reflect chemical cost increase to control odor.
- Recycled Water revenue is scheduled for a 3.9% rate increase effective July 1, 2022 per the cost of service study.
- Increase recycled water usage in both Olivenhain Municipal Water District and Santa Fe Irrigation District.
- Other Revenue includes \$50,000 in Plume Tracking Study cost share with Encina Wastewater Authority and \$5 million reduction in Caltrans funding for the recently completed bike/pedestrian path.
- Grant funding associated with the Recycled Water program is forecast to be \$800,000, which is an increase of \$200,000 from last year.

Below is a summary of revenue sources shown in both table and chart format to illustrate the revenue diversity with the agencies we serve.

<b>Revenue Source</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
City of Encinitas	\$ 3,222,955	\$ 3,499,812	\$ 3,811,269	\$ 3,873,291	\$ 4,874,444
City of Solana Beach	2,752,287	2,835,010	2,838,055	2,906,282	3,145,811
City of Del Mar	744,963	762,749	850,858	870,501	949,515
22nd District Agricultural Association	-	-	-	-	120,000
Rancho Santa Fe CSD	403,545	319,812	358,361	365,764	377,184
City of Escondido	761,529	668,669	1,116,025	938,948	988,720
Laboratory Services	42,282	43,455	40,000	40,000	42,000
Recycled Water	2,932,649	3,307,118	3,815,761	3,843,407	4,236,796
T-Mobile Cell Site Lease	29,958	29,958	30,857	30,857	31,783
Other Revenue	45,117	3,135,364	2,403,746	5,000,000	50,000
Interest on Wastewater Operations	154,561	45,865	15,000	15,000	30,000
Interest on Water Reclamation	34,039	7,155	12,000	12,000	12,000
2017 Revenue Bond Interest	358,826	102,811	-	120,000	-
<b>Total Revenue Sources</b>	<b>\$ 11,482,711</b>	<b>\$ 14,757,777</b>	<b>\$ 15,291,932</b>	<b>\$ 18,016,050</b>	<b>\$ 14,858,253</b>



# REVENUE DETAIL

## CITY OF ENCINITAS – REVENUE DETAIL

Revenue Source	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
Wastewater Treatment	\$ 1,416,262	\$ 1,321,177	\$ 1,429,372	\$ 1,494,468	\$ 1,588,444
Interest Income Credit	(77,362)	-	-	(7,500)	-
RSF CSD Credit 1991 Refunding Bonds	(48,372)	-	-	-	-
RSF CSD Credit 2017 Revenue Bonds	(31,852)	(31,898)	(31,815)	(31,815)	(31,843)
Del Mar Credit 2017 Revenue Bonds	(76,444)	(76,556)	(76,356)	(76,356)	(76,424)
Del Mar Pipeline Credit	30,000	30,000	30,000	30,000	30,000
T-Mobile License Income	(14,543)	(14,979)	(14,979)	(15,428)	(15,891)
Other Income Credit	(47,871)	-	-	-	-
Total Wastewater Revenue	\$ 1,149,818	\$ 1,227,744	\$ 1,336,222	\$ 1,393,369	\$ 1,494,286
Laboratory Services	208,315	303,328	369,485	373,870	390,160
Ocean Outfall	35,947	32,438	61,081	50,489	54,137
Cardiff Sanitary Division Pump Stations	261,648	318,053	290,065	296,008	355,226
Encinitas Sanitary Division Pump Station	135,264	171,749	134,008	151,184	155,883
Encinitas Urban and Stormwater Services	32,951	63,682	47,087	35,048	37,313
2011 Refunding Bonds	60,734	61,710	-	-	-
2017 Revenue Bonds	668,888	669,863	668,113	668,113	668,713
Capital Projects	669,390	651,245	905,208	905,208	1,718,726
Total Revenue	<u>\$ 3,222,955</u>	<u>\$ 3,499,812</u>	<u>\$ 3,811,269</u>	<u>\$ 3,873,291</u>	<u>\$ 4,874,444</u>

## CITY OF SOLANA BEACH – REVENUE DETAIL

Revenue Source	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
Wastewater Treatment	\$ 1,168,357	\$ 1,017,458	\$ 1,024,250	\$ 1,070,896	\$ 1,180,431
Interest Income Credit	(77,362)	-	-	(7,500)	-
RSF CSD Credit 1991 Refunding Bonds	(48,372)	-	-	-	-
RSF CSD Credit 2017 Revenue Bonds	(31,852)	(31,898)	(31,815)	(31,815)	(31,843)
Del Mar Credit 2017 Revenue Bonds	(76,444)	(76,556)	(76,356)	(76,356)	(76,424)
Del Mar Pipeline Credit	30,000	30,000	30,000	30,000	30,000
T-Mobile License Income	(14,543)	(14,979)	(14,979)	(15,428)	(15,891)
Other Income Credit	(47,871)	-	-	-	-
Total Wastewater Revenue	\$ 901,913	\$ 924,025	\$ 931,100	\$ 969,797	\$ 1,086,273
Laboratory Services	171,851	233,598	264,763	267,906	292,953
Ocean Outfall	29,030	24,983	45,725	37,796	42,827
Solana Beach Pump Stations	461,532	378,288	373,249	407,644	435,229
Solana Beach Urban and Stormwater Services	11,504	26,873	11,085	10,707	11,207
Solana Beach Generator Maintenance Services	7,445	9,425	13,812	14,111	14,883
2011 Refunding Bonds	60,734	61,710	-	-	-
2017 Revenue Bonds	668,888	669,863	668,113	668,113	668,713
Capital Projects	439,390	506,244	530,208	530,208	593,726
Total Revenue	<u>\$ 2,752,287</u>	<u>\$ 2,835,010</u>	<u>\$ 2,838,055</u>	<u>\$ 2,906,282</u>	<u>\$ 3,145,811</u>

## CITY OF DEL MAR – REVENUE DETAIL

Revenue Source	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
Wastewater Treatment	\$ 496,519	\$ 388,326	\$ 429,407	\$ 448,963	\$ 494,596
Laboratory Services	73,032	89,156	111,000	112,317	122,022
Ocean Outfall	11,859	9,537	17,598	14,547	16,326
Del Mar Pipeline Credit	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)
Del Mar Pump Station	38,664	51,442	55,604	57,425	61,888
2017 Revenue Bonds	152,889	153,112	152,711	152,711	152,849
Capital Projects	32,000	131,176	144,538	144,538	161,834
Total Revenue	<u>\$ 744,963</u>	<u>\$ 762,749</u>	<u>\$ 850,858</u>	<u>\$ 870,501</u>	<u>\$ 949,515</u>

## 22<sup>ND</sup> DISTRICT AGRICULTURAL ASSOCIATION (DEL MAR FAIRGROUNDS) – REVENUE DETAIL

Revenue Source	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23	Budget Change
Del Mar Fairgrounds	\$ -	\$ -	\$ -	\$ -	\$ 120,000	\$ 120,000
Total Revenue	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 120,000</u>	<u>\$ 120,000</u>

## RANCHO SANTA FE COMMUNITY SERVICES DISTRICT – REVENUE DETAIL

Revenue Source	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
Wastewater Treatment	\$ 166,689	\$ 160,537	\$ 180,137	\$ 188,341	\$ 192,061
Laboratory Services	24,518	36,858	46,565	47,117	47,384
Ocean Outfall	4,288	3,962	7,805	6,452	6,622
2011 Refunding Bonds	96,744	-	-	-	-
2017 Revenue Bonds	63,704	63,796	63,630	63,630	63,687
Capital Projects	47,602	54,658	60,224	60,224	67,430
Total Revenue	<u>\$ 403,545</u>	<u>\$ 319,812</u>	<u>\$ 358,361</u>	<u>\$ 365,764</u>	<u>\$ 377,184</u>

## CITY OF ESCONDIDO – REVENUE DETAIL

Revenue Source	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
Ocean Outfall	\$ 525,180	\$ 561,992	\$ 1,021,201	\$ 844,124	\$ 850,436
Capital Projects	236,349	106,676	94,824	94,824	138,284
Total Revenue	<u>\$ 761,529</u>	<u>\$ 668,669</u>	<u>\$ 1,116,025</u>	<u>\$ 938,948</u>	<u>\$ 988,720</u>

## LABORATORY SERVICES – REVENUE DETAIL

Revenue Source	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
Fairbanks Ranch	\$ 10,892	\$ 11,499	\$ 10,000	\$ 10,000	\$ 10,500
Rancho Santa Fe CSD 1	12,467	12,589	12,000	12,000	12,600
Santa Fe Valley	6,076	6,194	6,000	6,000	6,300
Whispering Palms	12,847	13,173	12,000	12,000	12,600
Total Revenue	<u>\$ 42,282</u>	<u>\$ 43,455</u>	<u>\$ 40,000</u>	<u>\$ 40,000</u>	<u>\$ 42,000</u>

## RECYCLED WATER – REVENUE DETAIL

Revenue Source	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
Santa Fe Irrigation District	\$ 794,852	\$ 958,580	\$ 959,352	\$ 930,846	\$ 1,044,300
San Dieguito Water District	631,997	630,744	647,520	665,848	708,000
City of Del Mar	189,600	175,521	144,840	191,201	159,300
Encinitas Ranch Golf Course	279,952	291,148	279,949	302,794	314,906
Olivenhain Municipal Water District	361,788	504,136	468,600	432,718	490,290
Total Customers	\$ 2,258,189	\$ 2,560,129	\$ 2,500,261	\$ 2,523,407	\$ 2,716,796
MWD/CWA Incentives	674,460	720,000	715,500	720,000	720,000
IRWM Grant	-	26,989	600,000	600,000	800,000
Total Revenue	\$ 2,932,649	\$ 3,307,118	\$ 3,815,761	\$ 3,843,407	\$ 4,236,796



### PROMOTING SUSTAINABILITY


As California faces another extended drought, local supplies of recycled water are more important than ever. Ada Harris Elementary School saves money and conserves natural resources by using recycled water.

# OPERATING EXPENSE SUMMARY

SEJPA owns and operates the San Elijo Water Campus, San Elijo Recycled Water Utility, and is a co-owner of the San Elijo Ocean Outfall. SEJPA also manages several related service programs to support the cities of Encinitas, Solana Beach, and Del Mar, as well as other local government agencies. Operational programs include:

- Wastewater Treatment
- Laboratory Services
- Ocean Outfall
- Cardiff Sanitary Division Pump Stations
- Encinitas Sanitary Division Pump Station
- City of Encinitas Urban & Stormwater
- City of Solana Beach Pump Stations
- City of Solana Beach Generator Services
- City of Del Mar Pump Station
- Del Mar Fairgrounds
- Recycled Water

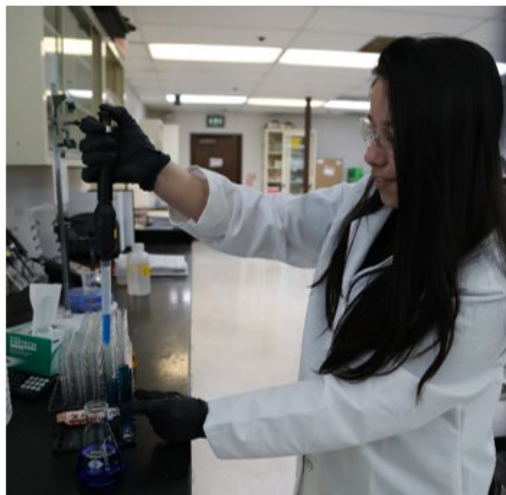
In providing these services, SEJPA seeks to accomplish its mission in an environmentally, socially, and fiscally responsible manner. Each of the above programs is funded by the customer base that is served and cost allocations are applied based on actual flows treated or level of effort provided. Program cost considerations and drivers are shown in the table below:

 Program Cost Considerations	PROGRAM	CONSIDERATION	DRIVER
	Wastewater Treatment	<ul style="list-style-type: none"> <li>✓Suppliers</li> <li>✓Technology</li> </ul>	<ul style="list-style-type: none"> <li>✓Chemical &amp; Utilities</li> <li>✓Efficiency</li> </ul>
	Laboratory	<ul style="list-style-type: none"> <li>✓Regulations</li> </ul>	<ul style="list-style-type: none"> <li>✓Environmental Laboratory Accreditation Program (ELAP)</li> </ul>
	Ocean Outfall	<ul style="list-style-type: none"> <li>✓Regulations</li> </ul>	<ul style="list-style-type: none"> <li>✓NPDES Permit</li> <li>✓Plume Tracking Study</li> </ul>
	Pump Stations	<ul style="list-style-type: none"> <li>✓Weather/Climate</li> <li>✓Regulations</li> <li>✓Safety</li> </ul>	<ul style="list-style-type: none"> <li>✓Extreme weather conditions</li> <li>✓Odor Control</li> <li>✓Maintenance</li> </ul>

## STAFF ALLOCATION

Budgeting for staff time is based on estimates of actual time required by each program. Actual program staff time is recorded daily. Administrative time is allocated to all programs. Below is a table showing the percentages of direct labor for each program by fiscal year:

Program	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adpoted Budget 2022-23
Wastewater Treatment	45.9%	42.5%	37.0%	37.2%	35.9%
Laboratory Services	12.7%	15.6%	17.3%	17.2%	15.2%
Ocean Outfall	10.3%	11.0%	14.0%	13.4%	12.2%
Cardiff Sanitation District Pump Stations	3.7%	4.6%	4.5%	4.4%	4.1%
Encinitas Sanitation District Pump Station	1.8%	2.1%	2.1%	2.1%	1.9%
Encinitas Urban and Stormwater Services	0.6%	0.8%	0.7%	0.7%	0.6%
Solana Beach Pump Stations	6.2%	5.7%	6.0%	5.9%	5.5%
Solana Beach Urban and Stormwater Services	0.2%	0.2%	0.2%	0.2%	0.2%
Del Mar Pump Station	1.0%	1.3%	1.2%	1.1%	1.1%
Fairgrounds	0.0%	0.0%	0.0%	0.0%	2.7%
Recycled Water	17.6%	16.1%	17.0%	17.6%	20.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%



## ENSURING QUALITY

The SEJPA laboratory conducts analytical analysis for the wastewater, recycled water, and outfall programs, as well as for other outside agencies. Staffing levels and qualifications are designed to meet requirements set by the California Standards for Environmental Laboratory Accreditation Program (ELAP).

## *FY 2021-22 ESTIMATED ACTUAL EXPENSE*

Total expense is estimated to be \$166,302 or 1.4% under budget. This is attributed to the budget savings in both Personnel and Supplies and Services and unspent contingency budget. Capital Outlay is expected to be over budget to account for unanticipated equipment replacement in the Wastewater Treatment program, which will be offset by contingency budget.

## *FY 2022-23 ADOPTED EXPENSE BUDGET*

Total FY 2022-23 adopted budget is \$13,679,161. This is \$1,878,382 or 15.9% increase from prior year. In addition to general inflationary cost increase in Personnel and Supplies and Services expense categories, Personnel budget also reflects current work demands and succession planning.

	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
<b>Operating Expense</b>					
Personnel	\$ 3,830,034	\$ 3,439,393	\$ 3,652,126	\$ 3,724,190	\$ 4,325,607
Supplies and Services	2,945,034	3,719,193	4,025,282	4,023,023	4,277,838
Capital Outlay	72,021	92,224	157,763	96,900	99,000
Contingency	-	-	-	159,000	209,000
Total Operating Expense	\$ 6,847,089	\$ 7,250,809	\$ 7,835,171	\$ 8,003,113	\$ 8,911,445
Capital Expenses	1,672,427	1,730,000	2,235,000	2,235,000	3,180,000
Total Operating and Capital Expenses	\$ 8,519,516	\$ 8,980,809	\$ 10,070,171	\$ 10,238,113	\$ 12,091,445
<b>Debt Service</b>					
State Revolving Fund	\$ 834,675	\$ 834,676	\$ -	\$ -	\$ -
2011 Refunding Bonds	121,468	123,420	-	-	-
Advanced Water Purification	148,153	148,153	148,153	148,153	148,153
SFID Pipeline Loan	11,321	18,038	16,640	15,000	37,500
2017 Revenue Bonds	1,337,775	1,339,725	1,336,225	1,336,225	1,337,425
SDG&E On-Bill Financing	53,388	53,388	53,388	53,388	53,388
Solana Beach Pipeline Loan	-	36,135	9,900	9,900	11,250
Total Debt Service	\$ 2,506,780	\$ 2,553,536	\$ 1,564,306	\$ 1,562,666	\$ 1,587,716
Total Expenses	\$ 11,026,296	\$ 11,534,344	\$ 11,634,477	\$ 11,800,779	\$ 13,679,161



### **BUILDING PARTNERSHIPS**

Good neighbors make good partners. Across from the Water Campus, the Nature Collective and the County of San Diego manage the 800-acre San Elijo Lagoon Ecological Reserve. We share their commitment to protect the lagoon and ocean environments and are proud to be their partner in conservation and education.

## OPERATING EXPENSE DETAIL

	Actual	Actual	Estimated	Adopted	Adopted
Operating Expense	2019-20	2020-21	Actual 2021-22	Budget 2021-22	Budget 2022-23
<b><u>Personnel</u></b>					
Direct Salaries and Wages	\$ 2,321,361	\$ 2,312,619	\$ 2,474,929	\$ 2,511,634	\$ 2,908,400
FICA Tax	994	1,835	111	3,029	-
Medicare Tax	33,949	36,847	36,166	37,408	43,123
State Unemployment Tax	4,119	4,353	4,293	10,850	12,153
Standby Pay	16,887	18,092	15,834	18,000	30,306
Overtime Pay	39,791	58,112	57,280	47,984	47,685
Dental/Vision	24,678	25,608	28,565	28,721	29,998
Employee Assistance Program	678	678	742	4,100	2,001
Life Insurance/Disability	14,013	15,748	22,636	20,042	24,986
Workers Comp. Insurance	61,149	34,776	50,767	51,319	57,201
Medical Insurance - Pers	250,087	256,394	293,935	289,556	376,469
Retirement Plan - CalPERS & PARS Trust	964,734	570,986	558,474	573,512	647,920
Deferred Comp-employer	81,667	88,046	92,466	108,431	124,997
Uniforms - Boots	2,971	3,027	3,643	5,002	5,768
Payroll Processing Fees	11,120	11,836	12,285	12,100	12,100
Other Personnel Costs	1,836	436	-	2,499	2,500
	<u>\$ 3,830,034</u>	<u>\$ 3,439,393</u>	<u>\$ 3,652,126</u>	<u>\$ 3,724,187</u>	<u>\$ 4,325,607</u>
<b><u>Supplies and Services</u></b>					
Advertising	\$ 1,621	\$ 1,440	\$ 992	\$ 4,305	\$ 4,305
Bank Service Charges	6,842	6,472	7,520	8,300	8,300
Board Expense	881	1,245	2,400	2,720	2,720
Dues & Memberships	33,027	30,301	21,751	28,000	28,000
Equipment Rental/Lease	30,218	6,587	14,559	12,900	12,900
Fees - Disposal	579	854	-	1,000	1,000
Fees - Permits	67,969	78,428	73,523	74,100	88,300
Fines	-	11	-	-	-
Fuel	17,609	13,583	18,677	13,999	21,677
Insurance - Liability	82,360	20,139	44,870	44,386	48,825
Insurance - Auto	800	2,587	2,739	222	3,329
Insurance - Property	21,297	42,808	60,115	62,977	69,275
Licenses	25,004	42,893	49,180	55,003	55,003
Minor Equip - Shop & Field	45,441	26,481	27,842	18,400	21,293
Miscellaneous	15,491	6,280	-	3,000	3,000
Postage/Shipping	2,536	2,702	2,522	2,525	2,525
Preemployment Screening	444	873	317	700	700
Printing	1,256	3,686	307	1,400	1,400
Rent	104,255	139,523	104,271	117,113	124,763
Repair Parts Expense	170,818	222,864	190,014	203,900	224,040
Retrofit Expenses	-	-	24,479	105,000	105,000
Seminars/Education	3,256	2,994	3,467	15,000	15,000
Services - Accounting	28,800	25,620	34,450	33,000	35,000
Services - Alarm	8,654	8,494	4,608	11,650	12,232
Services - Biosolids Hauling	206,769	216,258	224,985	205,000	209,760

*Operating expense detail continued on next page.*

## Operating Expense Detail Continued

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Services - Engineering	\$ 130,792	\$ 379,477	\$ 658,152	\$ 500,000	\$ 365,000
Services - Fire Control	33,261	6,131	-	8,000	8,000
Services - Grease & Scum	15,040	14,933	14,516	20,000	20,000
Services - Grit & Screenings	42,688	72,816	34,528	42,900	42,900
Services - Janitorial	16,885	12,000	16,000	15,450	30,200
Services - Laboratory	38,146	41,688	46,226	44,000	51,500
Services - Landscape	34,167	45,959	60,000	55,000	65,424
Services - Legal	55,985	47,175	69,940	71,200	71,200
Services - Lobbying	10,442	19,926	16,213	17,800	19,500
Services - Maintenance	98,069	119,781	117,904	101,650	123,943
Services - Medical	1,577	11,503	6,216	8,160	8,160
Services - Other	52	10,388	469	1,600	1,600
Services - Professional	105,362	369,855	199,138	239,000	269,900
Services - Temp	98,325	91,490	107,115	109,800	101,174
Services - IT/GIS Support	48,751	94,091	97,485	117,937	101,285
Services - EWA Support	14,572	-	-	19,580	-
Services - Contractors	81,960	54,979	76,723	97,000	106,700
Services - Testing	-	-	-	1,000	1,000
Services - Uniforms	6,586	8,233	9,444	11,002	11,002
Subscription	949	1,006	125	1,000	1,000
Subsistence - Meals	759	79	250	2,720	2,720
Subsistence - Travel/Rm & Bd	1,154	36	9,600	9,600	9,600
Supplies - Chem - Ferrous Chlo	83,955	78,826	72,921	80,000	92,000
Supplies - Chem - Odor	52,522	75,706	83,747	108,000	126,200
Supplies - Chem - Polymer	80,888	75,762	80,761	75,000	92,800
Supplies - Chem - Sodium Hypo	61,576	67,931	78,875	80,000	130,000
Supplies - Chemicals	50,045	20,994	140,885	69,800	146,800
Supplies - Janitorial	2,936	2,171	3,000	3,050	3,300
Supplies - Lab	91,633	104,318	86,907	88,000	99,000
Supplies - Office	16,188	20,886	13,148	14,515	14,515
Supplies - Safety	15,062	19,854	6,614	11,200	11,200
Supplies - Shop & Field	14,556	26,919	48,871	22,005	28,130
Training	-	632	13,350	15,315	15,558
Training - Safety	2,795	3,020	3,278	9,655	9,976
Utilities - Gas & Electric	664,516	804,457	843,299	815,900	726,797
Utilities - Internet	5,181	4,263	4,424	5,325	5,325
Utilities - Telephone	36,810	39,541	33,483	32,890	37,598
Utilities - Trash	3,075	3,197	3,664	3,200	5,017
Utilities - Water	26,069	25,955	38,079	41,950	42,450
Utilities - Water (Suppl.)	20,267	26,942	13,464	16,000	16,500
Utilities - Solar Power	-	-	-	-	150,580
Vehicle Maintenance	5,511	13,148	2,878	12,220	13,937
	<u>\$ 2,945,034</u>	<u>\$ 3,719,192</u>	<u>\$ 4,025,280</u>	<u>\$ 4,023,024</u>	<u>\$ 4,277,838</u>
Capital Outlay	\$ 72,021	\$ 92,224	\$ 157,763	\$ 96,900	\$ 99,000
Contingency	-	-	-	159,000	209,000
Total Operating Expense	<u>\$ 6,847,089</u>	<u>\$ 7,250,808</u>	<u>\$ 7,835,169</u>	<u>\$ 8,003,111</u>	<u>\$ 8,911,445</u>

# OPERATING EXPENSE BY PROGRAM

## *WASTEWATER TREATMENT*

### PROGRAM DESCRIPTION

Wastewater Treatment is the primary cost center for operation and maintenance activities at the San Elijo Water Campus. Activities currently include full secondary wastewater treatment for the cities of Encinitas, Solana Beach, and Del Mar, as well as the Rancho Santa Fe Community Services District, with the effluent being recycled or disposed to the ocean. Wastewater biosolids are treated and dewatered, then hauled by contractor to a privately-operated land application site in Arizona for beneficial reuse.

### FY 2021-22 ESTIMATED ACTUAL EXPENSE

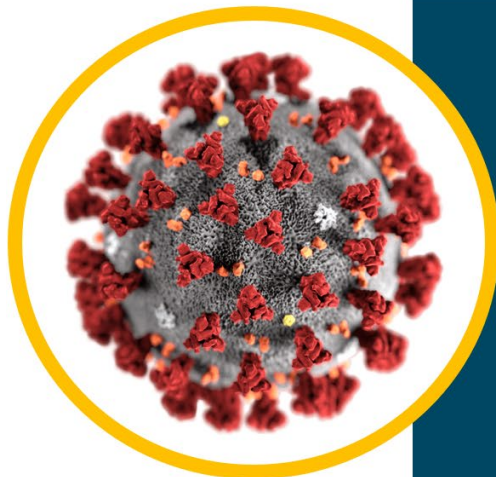
Actual expenses for the Wastewater Treatment program is expected to be under budget by \$139,500 or 4.4%. Personnel is under budget by \$19,989 or 1.4%. Supplies and Services is under budget by \$76,700 or 4.5% due to a spectrum of expense categories. Capital Outlay is over budget by \$33,189 due to the unanticipated equipment replacement, which will be offset by the contingency category.

### FY 2022-23 ADOPTED EXPENSE BUDGET

Total adopted operating budget is \$274,066 or 4.7% above prior year's budget. Personnel expense is to increase by \$159,174 or 11.3% to reflect wage inflation, current work demands, and succession planning. Supplies and Services is to increase by \$84,692 or 5.0% to reflect general cost inflation. Capital Outlay is to increase by \$9,000 to anticipate replacement of aging equipment. Contingency funding has been set at \$76,000 which is 4.3% of the budgeted Supplies and Services costs to provide funding for unplanned expenses.

## Wastewater Treatment Expense Summary

Operating Expense	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
Personnel	\$ 1,805,300	\$ 1,435,782	\$ 1,388,148	\$ 1,408,137	\$ 1,567,311
Supplies and Services	1,374,426	1,379,886	1,615,829	1,692,529	1,777,221
Capital Outlay	46,463	72,186	59,189	26,000	35,000
Contingency	-	-	-	76,000	76,000
Total Operating Expense	\$ 3,226,189	\$ 2,887,854	\$ 3,063,166	\$ 3,202,666	\$ 3,455,532
Capital Expenses	948,177	1,070,000	1,240,000	1,240,000	1,260,000
Total Operating and Capital Expenses	\$ 4,174,366	\$ 3,957,854	\$ 4,303,166	\$ 4,442,666	\$ 4,715,532
Debt Service					
2011 Refunding Bonds	\$ 121,468	\$ 123,420	\$ -	\$ -	\$ -
2017 Revenue Bonds	1,337,775	1,339,725	1,336,225	1,336,225	1,337,425
Total Debt Service	\$ 1,459,243	\$ 1,463,145	\$ 1,336,225	\$ 1,336,225	\$ 1,337,425
Total Expenses	\$ 5,633,609	\$ 5,420,999	\$ 5,639,391	\$ 5,778,891	\$ 6,052,957



### TRACKING COVID-19

SEJPA participates in tracking of COVID-19 by analyzing wastewater. Known as “sewer surveillance” or “wastewater epidemiology,” technicians testing for coronavirus RNA can predict whether infections will rise or fall. Unlike other types of tracking, wastewater surveillance does not depend on data patients provide to the healthcare system or the availability of COVID-19 testing.

<https://biobot.io/data/>



## RECYCLING AND REUSING

At SEJPA we recycle and reuse majority of the wastewater we process. Our recycled water utility protects the environment and makes efficient use of natural resources

### Wastewater Treatment Operating Expense Detail

Operating Expense	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
<b>Personnel</b>					
Direct Salaries and Wages	\$ 1,067,665	\$ 985,998	\$ 917,377	\$ 936,000	\$ 1,043,515
FICA Tax	89	197	(23)	-	-
Medicare Tax	15,262	15,609	14,983	14,562	15,836
State Unemployment Tax	2,166	1,849	2,054	4,224	4,462
Standby Pay	8,706	9,329	8,363	9,624	16,595
Overtime Pay	14,808	21,570	15,097	17,361	15,422
Dental/Vision	11,042	10,620	11,359	11,180	11,016
Employee Assistance Program	678	281	289	1,596	734
Life Insurance/Disability	6,280	6,531	8,866	7,802	9,175
Workers Comp. Insurance	27,303	14,422	21,053	19,977	21,005
Medical Insurance - Pers	111,999	106,339	115,469	112,717	138,245
Retirement Plan - CalPERS & PARS Trust	496,091	219,696	230,103	223,255	237,926
Deferred Comp-employer	36,073	37,072	36,829	42,210	45,901
Uniforms - Boots	1,327	1,261	1,414	1,946	2,118
Payroll Processing Fees	4,966	4,909	4,914	4,710	4,443
Other Personnel Costs	845	99	-	973	918
	<u>\$ 1,805,300</u>	<u>\$ 1,435,782</u>	<u>\$ 1,388,147</u>	<u>\$ 1,408,137</u>	<u>\$ 1,567,311</u>

Expense detail continued on next page.

## Wastewater Treatment Operating Expense Detail Continued

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
<b><u>Supplies and Services</u></b>					
Advertising	\$ 1,621	\$ 410	\$ 611	\$ 1,857	\$ 1,857
Bank Service Charges	6,842	6,472	7,520	8,300	8,300
Board Expense	881	965	480	1,360	1,360
Dues & Memberships	12,600	9,222	10,070	14,500	14,500
Equipment Rental/Lease	23,417	6,141	14,559	11,900	11,900
Fees - Disposal	518	551	-	1,000	1,000
Fees - Permits	34,211	35,557	37,606	35,000	40,000
Fines	-	11	-	-	-
Fuel	10,593	7,155	8,867	5,954	8,931
Insurance - Liability	41,618	8,669	19,112	24,907	27,398
Insurance - Auto	-	1,117	1,370	96	1,437
Insurance - Property	8,149	18,476	30,946	32,767	36,044
Licenses	-	11,576	12,463	23,748	23,748
Minor Equip - Shop & Field	31,716	10,463	5,870	9,000	9,900
Miscellaneous	15,328	6,280	-	3,000	3,000
Postage/Shipping	1,380	876	1,518	975	975
Preemployment Screening	198	380	133	302	302
Printing	538	1,635	132	750	750
Rent	1,203	629	478	518	518
Repair Parts Expense	94,135	140,869	110,568	115,000	126,500
Seminars/Education	2,578	801	1,556	5,000	5,000
Services - Accounting	14,400	12,810	17,225	16,500	17,500
Services - Alarm	1,298	1,794	556	2,500	2,500
Services - Biosolids Hauling	206,769	216,258	224,985	205,000	209,760
Services - Engineering	72,111	20,390	98,608	131,250	143,750
Services - Fire Control	33,261	6,131	-	6,000	6,000
Services - Grease & Scum	15,040	14,933	14,516	20,000	20,000
Services - Grit & Screenings	21,994	10,000	7,000	23,000	23,000
Services - Janitorial	15,820	12,000	11,200	13,905	21,840
Services - Laboratory (Outsource)	-	1,436	-	4,000	4,000
Services - Landscape	33,176	45,959	30,000	49,000	32,712
Services - Legal	50,461	39,541	64,844	43,000	43,000
Services - Maintenance	47,519	34,580	56,722	45,000	57,000
Services - Medical	410	9,332	4,964	7,000	7,000
Services - Other	43	5,558	283	300	300
Services - Professional	6,458	68,047	123,528	67,250	82,250
Services - Temp	53,603	40,835	38,740	28,548	30,914
Services - IT/GIS Support	-	40,610	41,267	58,694	42,755
Services - EWA Support	5,970	-	-	8,200	-
Services - Contractors	13,209	45,419	53,063	50,000	55,000
Services - Testing	-	-	-	1,000	1,000
Services - Uniforms	2,947	3,542	3,986	4,750	4,750
Subscriptions	833	503	76	900	900
Subsistence - Meals	548	40	111	1,500	1,500
Subsistence - Travel/Rm & Bd	967	18	6,000	6,000	6,000
Supplies - Chem - Ferrous Chlo	83,955	78,826	72,921	80,000	92,000
Supplies - Chem - Odor	16,088	10,197	3,382	20,000	23,000
Supplies - Chem - Polymer	79,646	70,797	70,797	72,000	82,800
Supplies - Chem - Sodium Hypo	7,203	9,382	-	20,000	20,000
Supplies - Chemicals	1,570	1,806	1,106	4,500	4,500
Supplies - Janitorial	2,936	2,171	2,700	2,800	3,000
Supplies - Lab	2,456	1,322	-	3,000	3,000
Supplies - Office	13,747	10,258	5,903	11,000	11,000
Supplies - Safety	12,574	8,381	4,797	8,300	8,300
Supplies - Shop & Field	13,810	14,002	39,247	17,500	19,250
Training	-	8	6,410	6,500	6,500
Training - Safety	2,557	1,303	1,382	4,300	4,300
Utilities - Gas & Electric	205,897	227,835	296,452	294,000	240,995
Utilities - Internet	2,500	1,840	1,964	2,500	2,500
Utilities - Telephone	18,491	16,787	13,240	17,000	17,000
Utilities - Trash	3,075	1,380	1,548	3,200	3,200
Utilities - Water	21,143	21,743	30,447	30,000	30,500
Utilities - Solar Power	-	-	-	-	61,825
Vehicle Maintenance	2,415	3,861	2,000	6,700	6,700
	<u>\$ 1,374,426</u>	<u>\$ 1,379,887</u>	<u>\$ 1,615,829</u>	<u>\$ 1,692,530</u>	<u>\$ 1,777,221</u>
Capital Outlay	\$ 46,463	\$ 72,186	\$ 59,189	\$ 26,000	\$ 35,000
Contingency	-	-	-	76,000	76,000
Total Operating Expense	<u>\$ 3,226,189</u>	<u>\$ 2,887,855</u>	<u>\$ 3,063,165</u>	<u>\$ 3,202,668</u>	<u>\$ 3,455,532</u>

## LABORATORY SERVICES

### PROGRAM DESCRIPTION

The laboratory located at the San Elijo Water Campus provides analytical services for SEJPA Wastewater and Recycled Water Programs as well as to other entities through contract agreements. The FY 2022-23 contract agreements include the Fairbanks Ranch Community Services District, the Rancho Santa Fe Community Services District, the Santa Fe Valley Community Services District, the Whispering Palms Community Services District, and The Nature Collective (formerly San Elijo Lagoon Conservancy).

### FY 2021-22 ESTIMATED ACTUAL EXPENSE

Overall, actual expenses are estimated to end the year under budget by \$9,397 or 1.1%. Personnel is expected to be at budget. Supplies and Services and Capital Outlay are anticipated to be slightly under budget. Majority of the budget savings are from unspent contingency budget.

### FY 2022-23 ADOPTED EXPENSE BUDGET

The Laboratory Services budget for FY 2022-23 is to be \$173,310 or 20.6% higher than prior year's budgeted level. This increase is predominately due to the capital expense for laboratory remodel. Personnel expense will increase \$33,123 or 5.2% to reflect wage inflation. Supplies and Services is planned to increase by \$20,087 or 11.1% due to additional lab supplies and permit fees in responding to audit requirements. Contingency funding has been set at \$5,000 which is 2.5% of the budgeted Supplies and Services cost to provide funding for unplanned expenses.

### Laboratory Services Expense Summary

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Personnel	\$ 419,700	\$ 522,294	\$ 631,887	\$ 641,788	\$ 674,911
Supplies and Services	135,554	178,618	186,926	180,522	200,609
Capital Outlay	1,077	5,267	13,000	13,900	14,000
Contingency	-	-	-	5,000	5,000
Total Operating Expense	\$ 556,331	\$ 706,179	\$ 831,813	\$ 841,210	\$ 894,520
Capital Expenses	-	-	-	-	120,000
Total Operating and Capital Expenses	\$ 556,331	\$ 706,179	\$ 831,813	\$ 841,210	\$ 1,014,520

## Laboratory Services Operating Expense Detail

	Actual	Actual	Estimated	Adopted	Adopted
Operating Expense	2019-20	2020-21	Actual 2021-22	Budget 2021-22	Budget 2022-23
<b>Personnel</b>					
Direct Salaries and Wages	\$ 294,458	\$ 360,365	\$ 428,220	\$ 432,577	\$ 442,378
FICA Tax	806	1,420	(9)	3,029	-
Medicare Tax	4,371	5,709	5,471	6,584	7,236
State Unemployment Tax	621	888	781	1,910	2,039
Overtime Pay	5,863	7,543	17,520	4,916	7,831
Dental/Vision	3,305	4,169	4,864	5,055	5,034
Employee Assistance Program	-	110	128	722	336
Life Insurance/Disability	1,870	2,564	3,882	3,528	4,192
Workers Comp. Insurance	8,170	5,662	8,265	9,032	9,597
Medical Insurance - Pers	33,426	41,737	50,307	50,962	63,166
Retirement Plan - CalPERS & PARS Trust	54,041	75,872	94,788	100,939	108,712
Deferred Comp-employer	10,706	13,533	14,854	19,084	20,973
Uniforms - Boots	397	481	715	880	968
Payroll Processing Fees	1,486	1,927	2,101	2,130	2,030
Other Personnel Costs	180	314	-	440	419
	<u>\$ 419,700</u>	<u>\$ 522,295</u>	<u>\$ 631,887</u>	<u>\$ 641,788</u>	<u>\$ 674,911</u>
<b>Supplies and Services</b>					
Advertising	\$ -	\$ 651	\$ 69	\$ 730	\$ 730
Dues & Memberships	638	1,006	756	600	600
Fees - Disposal	60	303	-	-	-
Fees - Permits	6,352	6,352	9,025	6,500	10,000
Fuel	212	163	473	329	494
Insurance - Liability	-	3,433	7,635	1,782	1,961
Insurance - Auto	-	439	500	38	565
Insurance - Property	-	7,265	5,202	5,102	5,612
Licenses	-	4,548	4,642	9,334	9,334
Minor Equip - Shop & Field	4,142	3,890	300	1,200	1,320
Postage/Shipping	805	952	797	975	975
Preemployment Screening	59	147	54	119	119
Printing	307	613	52	160	160
Rent	-	168	193	204	204
Repair Parts Expense	1,422	1,549	2,589	2,000	2,200
Seminars/Education	-	1,046	1,180	3,000	3,000
Services - Janitorial	1,065	-	3,200	1,545	5,240
Services - Laboratory	28,585	34,129	38,942	35,000	40,000
Services - Legal	207	558	-	200	200
Services - Maintenance	5,448	21,155	-	5,000	5,000
Services - Alarm	-	-	-	335	335
Services - Medical	718	589	354	300	300
Services - Other	2	1,415	-	1,000	1,000
Services - Professional	20,601	3,054	926	10,000	10,000
Services - Temp	12,342	10,860	33,300	35,136	22,483
Services - EWA Support	2,078	-	-	2,400	-
Services - Uniforms	879	1,392	1,610	1,867	1,867
Services - IT/GIS Support	9,456	15,967	16,609	8,316	17,207
Subsistence - Meals	75	-	30	300	300
Subsistence - Travel/Rm & Bd	-	-	500	500	500
Supplies - Laboratory	34,125	40,558	45,576	35,000	46,000
Supplies - Office	2,428	3,304	2,035	2,000	2,000
Supplies - Safety	780	3,860	1,772	800	800
Supplies - Shop & Field	-	3,032	1,007	600	660
Supplies - Janitorial	-	-	300	250	300
Training	-	615	2,592	2,000	2,000
Training - Safety	-	513	559	1,500	1,500
Utilities - Internet	572	723	636	700	700
Utilities - Telephone	1,728	3,507	2,689	1,700	2,400
Utilities - Trash	-	543	625	-	543
Vehicle Maintenance	468	318	200	2,000	2,000
	<u>\$ 135,554</u>	<u>\$ 178,617</u>	<u>\$ 186,929</u>	<u>\$ 180,522</u>	<u>\$ 200,609</u>
Capital Outlay	\$ 1,077	\$ 5,267	\$ 13,000	\$ 13,900	\$ 14,000
Contingency	-	-	-	5,000	5,000
Total Operating Expense	<u>\$ 556,331</u>	<u>\$ 706,180</u>	<u>\$ 831,816</u>	<u>\$ 841,210</u>	<u>\$ 894,520</u>

## OCEAN OUTFALL

### PROGRAM DESCRIPTION

This program is the cost center for all operation and maintenance services related to the Ocean Outfall system. These activities include effluent pump station operations and maintenance; ocean monitoring; sampling and testing; and outfall inspection. Outfall capacity is shared through an agreement between SEJPA and the City of Escondido; all operation and maintenance costs are shared based on actual usage (measured by discharged flows). Capital improvement project costs are shared based on leased/owned capacity (79% City of Escondido and 21% SEJPA).

### FY 2021-22 ESTIMATED ACTUAL EXPENSE

The Ocean Outfall Program is expected to be over budget this year by \$50,003 or 4.5%. Personnel costs are projected to be at budget. Supplies and Services are projected to be \$70,638 or 11.9% over budget due to Plume Tracking Study. More of the contracted work is estimated to be completed during this fiscal year instead of next fiscal year, and the sampling equipment cost needed for the study is higher than anticipated.

### FY 2022-23 ADOPTED EXPENSE BUDGET

The Ocean Outfall Program budget for FY 2022-23 is to decrease by \$28,058 or 2.3%. Personnel costs are expected to increase \$38,758 or 8.0% to reflect wage inflation, current work demands, and succession planning. Supplies and Services are expected to decrease \$118,817 or 20.1%. This significant decrease is a result of the majority of the planned ocean outfall Plume Tracking Study, required by the California Regional Water Quality Control Board, will be completed. The City of Escondido, SEJPA, and Encina Wastewater Authority are collaborating on this research effort. Contingency funding remains at \$25,000, which is approximately 5.3% of the budgeted Supplies and Services costs. This provides funding for unforeseen events or repairs for facilities within the Ocean Outfall Program.



#### INSPECTING ASSETS

The San Elijo Ocean Outfall extends 8,000 feet from the shoreline to an end depth of 150 feet below sea level. In 2021, an inspection report concluded that the outfall was in excellent condition and marine life in the area was thriving.

## Ocean Outfall Expense Summary

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Personnel	\$ 336,000	\$ 369,331	\$ 477,485	\$ 483,759	\$ 522,517
Supplies and Services	263,714	286,614	662,286	591,648	472,832
Capital Outlay	6,589	-	13,639	3,000	-
Contingency	-	-	-	25,000	25,000
Total Operating Expense	\$ 606,303	\$ 655,945	\$ 1,153,410	\$ 1,103,407	\$ 1,020,349
Capital Expenses	288,800	185,000	120,000	120,000	175,000
Total Expenses	<u>\$ 895,103</u>	<u>\$ 840,945</u>	<u>\$ 1,273,410</u>	<u>\$ 1,223,407</u>	<u>\$ 1,195,349</u>

## Ocean Outfall Operating Expense Detail

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
<b>Personnel</b>					
Direct Salaries and Wages	\$ 238,153	\$ 254,518	\$ 346,432	\$ 337,366	\$ 355,876
FICA Tax	24	55	(6)	-	-
Medicare Tax	3,642	4,027	4,326	4,644	5,131
State Unemployment Tax	398	456	373	1,347	1,446
Standby Pay	2,013	2,185	1,351	1,984	2,823
Overtime Pay	3,594	3,903	2,773	2,446	4,483
Dental/Vision	2,532	2,699	3,365	3,565	3,569
Employee Assistance Program	-	71	91	509	238
Life Insurance/Disability	1,436	1,660	2,742	2,488	2,973
Workers Comp. Insurance	6,311	3,665	5,351	6,371	6,805
Medical Insurance - Pers	25,645	27,022	35,383	35,947	44,791
Retirement Plan - CalPERS & PARS Trust	41,685	57,678	61,348	71,199	77,087
Deferred Comp-employer	8,913	9,818	12,068	13,461	14,872
Uniforms - Boots	307	321	435	621	686
Payroll Processing Fees	1,148	1,248	1,453	1,502	1,440
Other Personnel Costs	199	6	-	310	297
	<u>\$ 336,000</u>	<u>\$ 369,331</u>	<u>\$ 477,485</u>	<u>\$ 483,760</u>	<u>\$ 522,517</u>

*Expense detail continued on next page.*

## Ocean Outfall Operating Expense Detail Continued

	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
<b>Operating Expense</b>					
<b><u>Supplies and Services</u></b>					
Advertising	\$ -	\$ 95	\$ 44	\$ 429	\$ 429
Board Expense	-	112	720	544	544
Dues & Memberships	11,327	11,601	3,046	5,100	5,100
Fees - Permits	2,334	2,138	-	2,000	2,500
Fuel	937	964	1,177	997	1,496
Insurance - Liability	6,234	2,017	4,695	4,425	4,868
Insurance - Auto	-	258	348	22	332
Insurance - Property	8,859	4,268	5,993	6,279	6,907
Licenses	5,157	3,673	2,869	5,482	5,482
Postage/Shipping	152	56	48	100	100
Preemployment Screening	46	87	34	70	70
Printing	101	360	31	110	110
Rent	-	99	121	120	120
Repair Parts Expense	3,140	2,796	4,481	2,000	2,200
Seminars/Education	119	150	220	1,100	1,100
Minor Equip - Shop & Field	1,265	1,750	15,049	4,000	4,400
Services - Accounting	5,760	5,124	6,890	6,600	7,000
Services - Grit & Screenings	-	-	500	-	-
Services - Engineering	57,091	41,650	429,222	300,000	145,000
Services - Landscape	991	-	12,000	1,000	13,085
Services - Laboratory	1,217	-	-	-	-
Services - Legal	1,907	496	-	5,000	5,000
Services - Maintenance	1,231	-	193	2,000	2,000
Services - Medical	110	346	252	200	200
Services - Other	2	899	74	-	-
Services - Professional	57,376	48,887	39,665	77,400	95,400
Services - IT/GIS Support	7,929	9,381	10,421	10,933	10,796
Services - Contractors	27,865	9,560	9,560	27,000	29,700
Services - Temp	10,645	15,247	14,122	21,521	21,078
Services - Uniforms	677	825	1,020	1,096	1,096
Services - Alarm	-	-	-	300	300
Services - EWA Support	1,600	-	-	2,000	-
Subscriptions	46	201	19	50	50
Subsistence - Meals	56	15	34	20	20
Subsistence - Travel/Rm & Bd	57	7	100	100	100
Supplies - Lab	45,264	54,998	37,518	40,000	40,000
Supplies - Office	-	1,676	1,609	300	300
Supplies - Safety	444	1,391	18	350	350
Supplies - Shop & Field	-	1,813	1,943	400	440
Training	-	3	1,646	1,500	1,500
Training - Safety	-	301	355	900	900
Utilities - Gas & Electric	1,485	59,649	53,587	58,000	45,574
Utilities - Internet	440	425	382	500	500
Utilities - Telephone	1,334	2,060	1,684	1,200	1,700
Utilities - Trash	-	319	394	-	319
Utilities - Solar Power	-	-	-	-	14,166
Vehicle Maintenance	516	917	200	500	500
	<u>\$ 263,714</u>	<u>\$ 286,614</u>	<u>\$ 662,284</u>	<u>\$ 591,648</u>	<u>\$ 472,832</u>
Capital Outlay	\$ 6,589	\$ -	\$ 13,639	\$ 3,000	\$ -
Contingency	-	-	-	25,000	25,000
Total Operating Expense	<u>\$ 606,303</u>	<u>\$ 655,945</u>	<u>\$ 1,153,408</u>	<u>\$ 1,103,408</u>	<u>\$ 1,020,349</u>



## *CARDIFF SANITARY DIVISION PUMP STATIONS*

### PROGRAM DESCRIPTION

Under this program, SEJPA provides pump station operation and maintenance services to the City of Encinitas' Cardiff Sanitary Division (CSD). These facilities include the Cardiff, Coast Highway, and Olivenhain Pump Stations. The actual costs incurred are borne solely by the CSD.

### FY 2021-22 ESTIMATED ACTUAL EXPENSE

The CSD Pump Stations are expected to be \$5,943 under budget, or 2.0%. Both Personnel expense and Supplies and Services are projected to be under budget. Contingency funding was utilized during the fiscal year to replace a failed pump at the Olivenhain Pump Station.

### FY 2022-23 ADOPTED EXPENSE BUDGET

The CSD's Pump Station budget operating expense is to increase \$59,217 or 20.0%. Personnel expense will increase by \$12,652 or 7.8% as a result of wage inflation, current work demands, and succession planning. Supplies and Services will increase by \$46,565 or 41.0% as a result of increasing chemical, fuel, and maintenance cost for aging equipment at the pump stations. In addition, the increase reflects the transfer of SDG&E electric utility payment for the Olivenhain Pump Station (OPS) from the City of Encinitas to SEJPA. Contingency funding has been set at \$19,500, which is approximately 12.2% of budgeted Supplies and Services costs. This provides funding for unforeseen events and repairs at any of the CSD Pump Stations.

### Cardiff Sanitary Division Expense Summary

Operating Expense	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
Personnel	\$ 184,864	\$ 171,370	\$ 159,681	\$ 162,887	\$ 175,539
Supplies and Services	76,784	146,683	112,384	113,621	160,186
Capital Outlay	-	-	18,000	-	-
Contingency	-	-	-	19,500	19,500
Total Operating Expense	\$ 261,648	\$ 318,053	\$ 290,065	\$ 296,008	\$ 355,225
Capital Expenses	250,000	170,000	-	-	-
Total Expenses	<u>\$ 511,648</u>	<u>\$ 488,053</u>	<u>\$ 290,065</u>	<u>\$ 296,008</u>	<u>\$ 355,225</u>
Cardiff Pump Station	\$ 138,111	\$ 106,491	\$ 94,766	\$ 117,113	\$ 125,768
Coast Blvd Pump Station	36,236	77,433	49,801	59,438	61,185
Olivenhain Pump Station	87,301	134,129	145,498	119,457	168,272
Total Operating Expense	<u>\$ 261,648</u>	<u>\$ 318,053</u>	<u>\$ 290,065</u>	<u>\$ 296,008</u>	<u>\$ 355,225</u>

### Cardiff Sanitary Division Operating Expense Detail

Operating Expense	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
<b>Personnel</b>					
Direct Salaries and Wages	\$ 86,660	\$ 105,752	\$ 110,242	\$ 111,100	\$ 119,870
FICA Tax	9	21	(2)	-	-
Medicare Tax	1,132	1,692	2,073	1,585	1,714
State Unemployment Tax	114	165	121	460	483
Standby Pay	905	904	174	1,038	1,008
Overtime Pay	2,120	2,729	2,023	2,264	1,415
Dental/Vision	1,153	1,116	1,215	1,218	1,193
Employee Assistance Program	-	30	32	174	80
Life Insurance/Disability	657	687	965	850	993
Workers Comp. Insurance	2,837	1,516	2,213	2,175	2,274
Medical Insurance - Pers	11,701	11,178	12,537	12,277	14,969
Retirement Plan - CalPERS & PARS Trust	73,797	40,886	23,879	24,316	25,760
Deferred Comp-employer	3,036	4,044	3,549	4,598	4,970
Uniforms - Boots	138	133	131	212	229
Payroll Processing Fees	516	516	529	513	481
Other Personnel Costs	90	3	-	106	100
	<u>\$ 184,864</u>	<u>\$ 171,370</u>	<u>\$ 159,681</u>	<u>\$ 162,886</u>	<u>\$ 175,539</u>

Cost detail continued on next page.

## Cardiff Sanitary Division Operating Expense Detail Continued

	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
<b>Operating Expense</b>					
<b><u>Supplies and Services</u></b>					
Advertising	\$ -	\$ 41	\$ 16	\$ 185	\$ 185
Dues & Memberships	23	133	124	-	-
Equipment Rental/Lease	3,293	-	-	-	-
Fees - Permits	1,957	2,514	481	2,600	3,000
Fuel	795	668	1,057	888	1,332
Insurance - Liability	-	864	1,859	1,895	2,085
Insurance - Auto	-	110	-	9	142
Insurance - Property	-	1,828	2,567	2,690	2,958
Licenses	2,068	1,145	1,126	2,354	2,354
Minor Equip - Shop & Field	175	1,738	3	1,200	1,320
Postage/Shipping	148	24	18	15	15
Preemployment Screening	21	37	13	30	30
Printing	45	154	13	60	60
Rent	-	42	46	51	51
Repair Parts Expense	11,662	23,811	6,793	15,000	16,500
Seminars/Education	-	64	73	700	700
Services - Alarm	2,076	1,680	328	1,307	1,307
Services - Engineering	-	42,262	2,113	-	-
Services - Legal	72	-	-	-	-
Services - Maintenance	1,479	8,785	17,354	5,850	7,050
Services - Medical	50	148	87	90	90
Services - Other	1	336	-	-	-
Services - Professional	980	769	-	-	-
Services - IT/GIS Support	3,298	4,018	3,983	4,695	4,127
Services - Temp	1,660	-	15	-	-
Services - Uniforms	307	352	383	472	472
Services - EWA Support	726	-	-	1,200	-
Services - Subcontractor	11,330	-	-	-	-
Subsistence - Meals	-	-	7	-	-
Supplies - Chemicals	905	1,366	917	2,300	2,300
Supplies - Chem - Odor	11,300	24,690	24,786	40,000	46,000
Supplies - Office	-	696	450	80	80
Supplies - Safety	189	2,201	-	290	290
Supplies - Shop & Field	7	773	461	700	770
Training	-	-	616	810	810
Training - Safety	-	129	133	530	530
Utilities - Gas & Electric	18,029	20,373	43,557	22,400	60,072
Utilities - Internet	200	182	152	270	270
Utilities - Telephone	1,337	1,768	1,641	1,500	1,700
Utilities - Trash	-	136	149	-	136
Utilities - Water	2,401	2,465	1,009	3,000	3,000
Vehicle Maintenance	249	380	55	450	450
	<u>\$ 76,784</u>	<u>\$ 146,683</u>	<u>\$ 112,385</u>	<u>\$ 113,621</u>	<u>\$ 160,186</u>
Capital Outlay	\$ -	\$ -	\$ 18,000	\$ -	\$ -
Contingency	-	-	-	19,500	19,500
Total Operating Expense	<u>\$ 261,648</u>	<u>\$ 318,053</u>	<u>\$ 290,066</u>	<u>\$ 296,007</u>	<u>\$ 355,225</u>
Cardiff Pump Station	\$ 138,111	\$ 106,491	\$ 94,766	\$ 117,113	\$ 125,768
Coast Blvd Pump Station	36,236	\$ 77,433	49,801	59,438	61,185
Olivenhain Pump Station	87,301	\$ 134,129	145,498	119,457	168,272
Total Operating Expense	<u>\$ 261,648</u>	<u>\$ 318,053</u>	<u>\$ 290,065</u>	<u>\$ 296,008</u>	<u>\$ 355,225</u>



## ENCINITAS SANITARY DIVISION PUMP STATION

### PROGRAM DESCRIPTION

Under this program, SEJPA provides pump station operation and maintenance services to the Encinitas Sanitary Division (ESD), for the Moonlight Beach Pump Station, located in the City of Encinitas. The actual costs incurred are borne solely by the ESD.

### FY 2021-22 ESTIMATED ACTUAL EXPENSE

It is anticipated that the ESD Pump Station will be \$17,177 or 11.4% below budget for FY 2021-22. Personnel and Supplies and Services are anticipated to be under budget. Contingency funding is not anticipated to be utilized during the fiscal year.

### FY 2022-23 ADOPTED EXPENSE BUDGET

For FY 2022-23, the ESD Pump Station operating budget is planned to be \$754,697 over FY 2020-21 budget. Of this amount, \$750,000 is for the Moonlight Beach Pump Station Rehabilitation project. Contingency funding has been set to \$10,000, which is approximately 15.7% of budgeted supplies and services costs. This provides funding for unforeseen events and repairs at the pump station.

### Encinitas Sanitary Division Pump Station Expense Summary

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Personnel	\$ 88,365	\$ 83,487	\$ 74,550	\$ 76,019	\$ 82,192
Supplies and Services	43,111	73,491	55,458	61,166	63,690
Capital Outlay	3,782	14,771	4,000	4,000	-
Contingency	-	-	-	10,000	10,000
Total Operating Expense	\$ 135,258	\$ 171,749	\$ 134,008	\$ 151,185	\$ 155,882
Capital Expenses	-	-	375,000	375,000	1,125,000
Total Expenses	\$ 135,258	\$ 171,749	\$ 509,008	\$ 526,185	\$ 1,280,882

## Encinitas Sanitary Division Pump Station Operating Expense Detail

	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
<b>Operating Expense</b>					
<b>Personnel</b>					
Direct Salaries and Wages	\$ 42,662	\$ 48,793	\$ 52,400	\$ 52,633	\$ 56,293
Medicare Tax	648	779	603	725	798
State Unemployment Tax	56	81	52	210	225
Standby Pay	427	413	64	467	445
Overtime Pay	1,196	901	929	755	660
Dental/Vision	541	510	559	557	555
Employee Assistance Program	-	13	15	79	37
Life Insurance/Disability	308	313	445	388	463
Workers Comp. Insurance	1,339	692	1,010	995	1,059
Medical Insurance - Pers	5,489	5,102	5,774	5,612	6,970
Retirement Plan - CalPERS & PARS Trust	33,860	23,702	10,774	11,116	11,996
Deferred Comp-employer	1,488	1,881	1,626	2,102	2,314
Uniforms - Boots	65	61	60	97	107
Payroll Processing Fees	244	236	243	235	224
Other Personnel Costs	42	1	-	48	46
	<u>\$ 88,365</u>	<u>\$ 83,478</u>	<u>\$ 74,554</u>	<u>\$ 76,019</u>	<u>\$ 82,192</u>
<b>Supplies and Services</b>					
Advertising	\$ -	\$ 18	\$ 8	\$ 81	\$ 81
Dues & Memberships	11	59	57	-	-
Fees - Permits	1,516	1,516	480	1,000	1,200
Fuel	199	346	271	597	896
Insurance - Liability	-	380	841	834	918
Insurance - Auto	-	49	-	4	63
Insurance - Property	-	805	1,130	1,184	1,302
Licenses	975	504	511	1,035	1,035
Minor Equip - Shop & Field	83	949	1,481	-	-
Postage/Shipping	-	459	33	240	240
Preemployment Screening	10	16	6	13	13
Printing	21	68	6	25	25
Rent	-	19	21	23	23
Equipment Rental/Lease	-	446	-	-	-
Repair Parts Expense	1,727	10,792	4,953	3,000	3,300
Seminars/Education	-	28	21	300	300
Services - Alarm	960	960	160	617	617
Services - Grit & Screenings	-	-	1,028	-	-
Services - Engineering	-	17,697	354	-	-
Services - Legal	34	-	-	-	-
Services - Maintenance	1,194	4,069	3,088	3,000	3,000
Services - Medical	23	65	40	40	40
Services - Other	-	155	-	-	-
Services - Professional	463	338	-	-	-
Services - IT/GIS Support	1,552	1,769	1,825	2,065	1,890
Services - Temp	781	-	7	-	-
Services - EWA Support	341	-	-	300	-
Services - Uniforms	144	156	177	207	207
Subsistence - Meals	-	-	3	-	-
Supplies - Office	-	306	200	20	20
Supplies - Safety	89	248	-	100	100
Supplies - Shop & Field	3	363	1,124	300	330
Training	-	-	284	340	340
Training - Safety	-	57	61	220	220
Utilities - Gas & Electric	32,137	29,710	36,332	45,000	46,350
Utilities - Internet	94	80	70	120	120
Utilities - Telephone	637	831	793	300	800
Utilities - Trash	-	60	69	-	60
Vehicle Maintenance	117	173	25	200	200
	<u>\$ 43,111</u>	<u>\$ 73,492</u>	<u>\$ 55,459</u>	<u>\$ 61,165</u>	<u>\$ 63,690</u>
Capital Outlay	\$ 3,782	\$ 14,771	\$ 4,000	\$ 4,000	\$ -
Contingency	-	-	-	10,000	10,000
Total Operating Expense	<u>\$ 135,258</u>	<u>\$ 171,741</u>	<u>\$ 134,013</u>	<u>\$ 151,184</u>	<u>\$ 155,882</u>



## *CITY OF ENCINITAS URBAN AND STORMWATER SERVICES*

### PROGRAM DESCRIPTION

Under this program, SEJPA provides operation and maintenance services to the City of Encinitas for the stormwater system. These services include the Urban Runoff Treatment Facility, the Phoebe Stormwater Pump Station, Cardiff Stormwater Diversion Structure, and the Storm Drain Sediment Drying and Disposal Program. The Phoebe Stormwater Pump Station and Urban Runoff Treatment Facility provide services to the City of Encinitas Clean Water Program for the protection of local creek, beach, and lagoon water quality. Under the Storm Drain Sediment Drying and Disposal Program, Member Agencies deliver sediment to the San Elijo Water Campus, where the sediment is dewatered, dried, tested, and disposed at a local landfill. This program is designed to comply with current stormwater best management practices and is intended to reduce the overall disposal cost associated with wet sediment. The actual costs incurred are borne solely by the City of Encinitas.

### FY 2021-22 ESTIMATED ACTUAL EXPENSE

The City of Encinitas facilities, which includes the Phoebe Stormwater Pump Station, the Urban Runoff Treatment Facility, Cardiff Stormwater Diversion Structure, and the Storm Drain Sediment Drying and Disposal program, are anticipated to end the year \$12,037 above budget due to the volume of storm drain sediment disposal requested by the City being slightly higher than anticipated.

### FY 2022-23 ADOPTED EXPENSE BUDGET

These programs will be approximately \$2,264 or 6.5% above prior fiscal year's budget with \$1,500 contingency funding designated for these programs. The budgeted cost increase is due to increasing wage inflation, current work demands, and succession planning as well as general cost inflation for supplies and services.

## City of Encinitas Urban and Stormwater Services Expense Summary

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Personnel	\$ 20,807	\$ 25,711	\$ 24,427	\$ 25,262	\$ 27,105
Supplies and Services	12,144	37,972	22,661	8,286	8,709
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	1,500	1,500
Total Operating Expense	<u>\$ 32,951</u>	<u>\$ 63,682</u>	<u>\$ 47,088</u>	<u>\$ 35,048</u>	<u>\$ 37,314</u>
Phoebe Storm Drain	\$ 4,489	\$ 3,194	\$ 7,760	\$ 4,218	\$ 4,410
Urban Runoff Station	15,483	20,348	21,033	18,850	19,784
Storm Drain Sediment Drying	12,979	40,141	18,295	11,980	13,120
Total Operating Expense	<u>\$ 32,951</u>	<u>\$ 63,682</u>	<u>\$ 47,088</u>	<u>\$ 35,048</u>	<u>\$ 37,314</u>

## City of Encinitas Urban and Stormwater Services Operating Expense Detail

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
<b><u>Personnel</u></b>					
Direct Salaries and Wages	\$ 13,995	\$ 19,160	\$ 17,207	\$ 17,230	\$ 18,568
FICA Tax	1	3	-	-	-
Medicare Tax	219	295	166	248	264
State Unemployment Tax	23	51	21	72	74
Standby Pay	145	130	21	158	136
Overtime Pay	212	312	99	272	178
Dental/Vision	183	159	185	191	184
Employee Assistance Program	-	4	5	27	12
Life Insurance/Disability	104	98	148	133	154
Workers Comp. Insurance	453	216	315	341	352
Medical Insurance - Pers	1,859	1,589	1,923	1,925	2,311
Retirement Plan - CalPERS & PARS Trust	2,995	2,890	3,675	3,813	3,979
Deferred Comp-employer	499	711	562	721	768
Uniforms - Boots	22	19	20	34	35
Payroll Processing Fees	82	73	80	80	74
Other Personnel Costs	14	1	-	17	16
	<u>\$ 20,807</u>	<u>\$ 25,711</u>	<u>\$ 24,427</u>	<u>\$ 25,262</u>	<u>\$ 27,105</u>
<b><u>Supplies and Services</u></b>					
Advertising	\$ -	\$ 7	\$ 3	\$ 32	\$ 32
Dues & Memberships	4	21	18	-	-
Fuel	68	57	69	83	125
Insurance - Liability	-	136	285	297	327
Insurance - Auto	-	17	-	1	22
Insurance - Property	-	287	403	422	464
Licenses	330	180	172	369	369
Minor Equip - Shop & Field	28	6	-	-	-
Postage/Shipping	-	20	3	-	-
Preemployment Screening	3	6	2	5	5
Printing	7	24	2	5	5
Rent	-	7	7	8	8
Repair Parts Expense	4	129	800	500	550
Seminars/Education	-	10	7	130	130
Services - Grit & Screenings	10,182	35,162	15,000	5,000	5,000
Services - Engineering	-	-	4,380	-	-
Services - Legal	11	-	-	-	-
Services - Medical	8	23	14	5	5
Services - Temp	264	-	2	-	-
Services - Other	-	51	-	-	-
Services - Professional	-	121	-	-	-
Services - Uniforms	49	55	58	74	74
Services - EWA Support	116	-	-	140	-
Subsistence - Meals	-	-	1	-	-
Supplies - Office	-	109	70	-	-
Supplies - Safety	27	89	-	30	30
Supplies - Shop & Field	-	120	-	30	33
Training	-	-	92	125	125
Training - Safety	-	20	20	80	80
Services - IT/GIS Support	525	630	604	735	626
Utilities - Internet	32	29	23	40	40
Utilities - Telephone	450	581	595	140	603
Utilities - Trash	-	21	23	-	21
Vehicle Maintenance	36	55	8	35	35
	<u>\$ 12,144</u>	<u>\$ 37,972</u>	<u>\$ 22,661</u>	<u>\$ 8,286</u>	<u>\$ 8,709</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	1,500	1,500
<b>Total Operating Expense</b>	<u><b>\$ 32,951</b></u>	<u><b>\$ 63,682</b></u>	<u><b>\$ 47,088</b></u>	<u><b>\$ 35,048</b></u>	<u><b>\$ 37,314</b></u>
Phoebe Storm Drain	\$ 4,489	\$ 3,194	\$ 7,760	\$ 4,218	\$ 4,410
Urban Runoff Station	15,483	20,348	21,033	18,851	19,784
Storm Drain Sediment Drying	12,979	40,141	18,295	11,980	13,120
<b>Total Operating Expense</b>	<u><b>\$ 32,951</b></u>	<u><b>\$ 63,682</b></u>	<u><b>\$ 47,088</b></u>	<u><b>\$ 35,048</b></u>	<u><b>\$ 37,314</b></u>



## *SOLANA BEACH PUMP STATIONS*

### PROGRAM DESCRIPTION

Under this program, SEJPA provides pump station operation and maintenance services to the City of Solana Beach (SB). These facilities include the Eden Gardens, Solana Beach, San Elijo Hills, and Fletcher Cove Pump Stations, Low Flow Diverters located at Fletcher Cove and Seascapes Sur, as well as the Storm Drain Sediment Drying and Disposal Program. Under the Storm Drain Sediment Drying and Disposal program, Member Agencies deliver sediment to the San Elijo Water Campus, where the sediment is dewatered, dried, tested, and disposed at a local landfill. This program is designed to comply with current stormwater best management practices and is intended to reduce the overall disposal cost associated with wet sediment. The actual costs incurred are paid for by the City of Solana Beach.

### FY 2021-22 ESTIMATED ACTUAL EXPENDITURES

The SB Pump Stations are forecasted to be below budget this year by \$34,016 or 8.1%. Both Personnel and Supplies and Services are anticipated to be under budget. Contingency funding is not anticipated to be utilized during the fiscal year.

### FY 2022-23 ADOPTED EXPENSE BUDGET

Overall, the SB Pump Stations operating expense is expected to increase by \$28,087 or 6.7% above the prior year's budget. This increase is primarily due to anticipated inflation across labor, chemicals, supplies, and services. Contingency funding remains the same at \$20,000, which is approximately 10.5% of budgeted Supplies and Services costs for the pump stations. This provides funding for unforeseen events and repairs.

## Solana Beach Pump Stations Expense Summary

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Personnel	\$ 282,586	\$ 229,084	\$ 215,096	\$ 218,896	\$ 235,439
Supplies and Services	190,453	176,077	169,241	179,454	190,998
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	20,000	20,000
Total Operating Expense	\$ 473,039	\$ 405,161	\$ 384,337	\$ 418,350	\$ 446,437
Capital Expenses	20,000	25,000	-	-	-
Total Expenses	<u>\$ 493,039</u>	<u>\$ 430,161</u>	<u>\$ 384,337</u>	<u>\$ 418,350</u>	<u>\$ 446,437</u>
Eden Gardens Pump Station	\$ 114,036	\$ 118,469	\$ 126,351	\$ 135,114	\$ 146,094
Solana Beach Pump Station	269,906	164,616	164,387	176,258	188,100
San Elijo Hills Pump Station	56,634	67,550	61,321	70,659	72,255
Fletcher Cove Pump Station	16,377	23,352	16,497	19,038	20,987
Storm Drain Sediment Drying	11,504	26,873	11,085	10,707	11,207
Seascape Sur Low Flow Diverter	2,625	2,122	2,581	3,357	3,974
Fletcher Cove Low Flow Diverter	1,957	2,179	2,115	3,217	3,820
Total Operating Expense	<u>\$ 473,039</u>	<u>\$ 405,161</u>	<u>\$ 384,337</u>	<u>\$ 418,350</u>	<u>\$ 446,437</u>

## Solana Beach Pump Stations Operating Expense Detail

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
<b>Personnel</b>					
Direct Salaries and Wages	\$ 142,919	\$ 132,362	\$ 149,208	\$ 148,927	\$ 159,998
FICA Tax	13	29	162	-	-
Medicare Tax	2,141	2,140	1,562	2,150	2,315
State Unemployment Tax	167	207	151	624	653
Standby Pay	1,246	1,253	191	1,236	1,541
Overtime Pay	1,667	3,815	2,807	3,024	2,013
Dental/Vision	1,577	1,547	1,642	1,651	1,609
Employee Assistance Program	-	41	42	236	107
Life Insurance/Disability	894	951	1,298	1,151	1,341
Workers Comp. Insurance	3,932	2,100	3,066	2,949	3,071
Medical Insurance - Pers	15,964	15,485	16,894	16,638	20,209
Retirement Plan - CalPERS & PARS Trust	105,963	63,143	32,697	32,954	34,778
Deferred Comp-employer	5,073	5,107	4,482	6,229	6,709
Uniforms - Boots	191	184	177	288	311
Payroll Processing Fees	715	715	717	696	650
Other Personnel Costs	124	4	-	144	134
	<u>\$ 282,586</u>	<u>\$ 229,084</u>	<u>\$ 215,096</u>	<u>\$ 218,897</u>	<u>\$ 235,439</u>

*Expense detail continued on next page.*

## Solana Beach Pump Stations Operating Expense Detail Continued

	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
<b>Operating Expense</b>					
<b>Supplies and Services</b>					
Advertising	\$ -	\$ 56	\$ 22	\$ 253	\$ 253
Dues & Memberships	31	185	167	-	-
Equipment Rental/Lease	3,293	-	-	-	-
Fees - Permits	2,832	5,004	-	3,000	3,600
Fuel	1,178	734	1,329	1,309	1,964
Insurance - Liability	-	1,199	2,537	2,632	2,895
Insurance - Auto	-	153	-	13	198
Insurance - Property	-	2,538	3,565	3,734	4,107
Licenses	2,857	1,590	1,532	3,253	3,253
Minor Equip - Shop & Field	243	2,316	4	-	-
Postage/Shipping	-	33	25	20	20
Preemployment Screening	29	51	17	41	41
Printing	63	214	18	75	75
Rent	-	59	62	71	71
Repair Parts Expense	14,238	14,910	10,728	13,500	14,850
Seminars/Education	-	89	61	1,140	1,140
Services - Alarm	960	960	496	1,741	1,741
Services - Grit & Screenings	10,182	25,154	7,500	11,000	11,000
Services - Legal	100	-	-	-	-
Services - Maintenance	5,318	10,304	6,372	5,250	6,050
Services - Medical	69	206	117	105	105
Services - Other	1	452	-	-	-
Services - Professional	1,306	1,067	1,600	-	-
Services - Uniforms	421	488	516	650	650
Services - IT/GIS Support	4,540	5,580	5,390	6,487	5,584
Services - Temp	2,277	701	720	-	-
Services - Engineering	40,473	-	-	-	-
Services - EWA Support	996	-	-	1,150	-
Subcontractors	5,665	-	-	-	-
Subsistence - Meals	-	-	10	-	-
Supplies - Chem - Odor (biooxide)	20,407	36,131	44,844	40,000	46,000
Supplies - Office	-	1,718	244	100	100
Supplies - Safety	303	986	-	415	415
Supplies - Shop & Field	192	1,523	626	855	941
Training	-	-	828	910	910
Training - Safety	-	179	179	605	605
Utilities - Gas & Electric	67,567	56,226	75,007	76,500	78,795
Utilities - Internet	274	253	205	310	310
Utilities - Telephone	1,923	2,553	2,367	1,630	2,430
Utilities - Trash	-	190	201	-	190
Utilities - Water	2,379	1,747	1,879	2,200	2,200
Vehicle Maintenance	336	527	73	505	505
	<u>\$ 190,453</u>	<u>\$ 176,077</u>	<u>\$ 169,241</u>	<u>\$ 179,454</u>	<u>\$ 190,998</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	20,000	20,000
<b>Total Operating Expense</b>	<u><b>\$ 473,039</b></u>	<u><b>\$ 405,161</b></u>	<u><b>\$ 384,337</b></u>	<u><b>\$ 418,351</b></u>	<u><b>\$ 446,437</b></u>
 Eden Gardens Pump Station	 \$ 114,036	 \$ 118,469	 \$ 126,351	 \$ 135,114	 \$ 146,094
Solana Beach Pump Station	269,907	164,616	164,387	176,259	188,100
San Elijo Hills Pump Station	56,634	67,550	61,321	70,659	72,255
Fletcher Cove Pump Station	16,377	23,352	16,497	19,038	20,987
Storm Drain Sediment Drying	11,504	26,873	11,085	10,707	11,207
Seascape Sur Low Flow Diverter	2,625	2,122	2,581	3,357	3,974
Fletcher Cove Low Flow Diverter	1,957	2,179	2,115	3,217	3,820
<b>Total Operating Expense</b>	<u><b>\$ 473,039</b></u>	<u><b>\$ 405,161</b></u>	<u><b>\$ 384,337</b></u>	<u><b>\$ 418,351</b></u>	<u><b>\$ 446,437</b></u>



## *SOLANA BEACH GENERATOR MAINTENANCE SERVICES*

### PROGRAM DESCRIPTION

Under this program, SEJPA provides generator maintenance services to the City of Solana Beach. The generators are located at the Solana Beach City Hall and the Lomas Santa Fe Fire Station. The actual costs incurred are borne solely by the City of Solana Beach.

### FY 2021-22 ESTIMATED ACTUAL EXPENDITURES

The Solana Beach Generator Maintenance Services are forecasted to be approximately at budget.

### FY 2022-23 ADOPTED EXPENSE BUDGET

The current year budget is planned to be \$773 or 5.5% more than FY 2021-22, reflecting general cost inflation. The effort required by staff for this program may increase due to the planned replacement of the Lomas Santa Fe Fire Station generator and additional support efforts during bidding and construction.

### *Solana Beach Generator Maintenance Services Expense Summary*

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Personnel	\$ 5,703	\$ 5,353	\$ 6,933	\$ 7,134	\$ 7,582
Supplies and Services	1,740	4,072	6,879	6,977	7,302
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	-	-
Total Operating Expense	<u>\$ 7,443</u>	<u>\$ 9,425</u>	<u>\$ 13,812</u>	<u>\$ 14,111</u>	<u>\$ 14,884</u>
SB City Hall Generator	\$ 3,150	\$ 3,954	\$ 6,831	\$ 6,376	\$ 6,745
SB Lomas SF Fire Generator	4,293	5,471	6,981	7,735	8,139
Total Operating Expense	<u>\$ 7,443</u>	<u>\$ 9,425</u>	<u>\$ 13,812</u>	<u>\$ 14,111</u>	<u>\$ 14,884</u>

## Solana Beach Generator Maintenance Services Operating Expense Detail

	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
<b>Operating Expense</b>					
<b><u>Personnel</u></b>					
Direct Salaries and Wages	\$ 3,797	\$ 3,554	\$ 4,862	\$ 4,912	\$ 5,160
FICA Tax	-	1	-	-	-
Medicare Tax	58	57	51	72	75
State Unemployment Tax	7	6	3	20	22
Standby Pay	40	38	5	39	38
Overtime Pay	127	97	30	13	55
Dental/Vision	49	46	55	54	52
Employee Assistance Program	-	1	1	8	4
Life Insurance/Disability	28	28	45	38	44
Workers Comp. Insurance	122	63	91	98	100
Medical Insurance - Pers	500	461	580	550	654
Retirement Plan - CalPERS & PARS Trust	809	839	1,050	1,088	1,126
Deferred Comp-employer	134	135	130	206	217
Uniforms - Boots	6	6	6	10	10
Payroll Processing Fees	22	21	24	22	21
Other Personnel Costs	4	-	-	4	4
	<u>\$ 5,703</u>	<u>\$ 5,353</u>	<u>\$ 6,933</u>	<u>\$ 7,134</u>	<u>\$ 7,582</u>
<b><u>Supplies and Services</u></b>					
Advertising	\$ -	\$ 2	\$ 1	\$ 8	\$ 8
Dues & Memberships	-	6	5	-	-
Fuel	316	62	217	20	30
Insurance - Liability	-	36	80	80	88
Insurance - Auto	-	5	-	-	6
Insurance - Property	-	77	108	113	125
Licenses	89	48	50	98	98
Postage/Shipping	-	1	1	-	-
Preemployment Screening	1	2	1	2	2
Printing	2	6	1	-	-
Rent	-	2	2	2	2
Repair Parts Expense	1,010	326	1,800	400	440
Seminars/Education	-	3	2	30	30
Training	-	-	28	30	30
Training - Safety	-	5	6	20	20
Minor Equip - Shop & Field	8	2	-	-	-
Services - Engineering	-	631	-	-	-
Services - Legal	3	-	-	-	-
Services - Maintenance	-	2,469	4,318	5,850	6,143
Services - Uniforms	13	15	17	20	20
Services - Medical	2	6	4	-	-
Services - Professional	-	32	-	-	-
Services - Other	-	15	-	-	-
Services - Professional IT Support	142	169	175	194	182
Services - Temp	71	-	1	-	-
Services - EWA Support	31	-	-	40	-
Supplies - Office	-	29	19	-	-
Supplies - Shop & Field	-	32	-	20	22
Supplies - Safety	7	24	-	10	10
Utilities - Internet	9	8	7	10	10
Utilities - Telephone	26	37	28	20	20
Utilities - Trash	-	6	7	-	6
Vehicle Maintenance	10	16	2	10	10
	<u>\$ 1,740</u>	<u>\$ 4,072</u>	<u>\$ 6,879</u>	<u>\$ 6,977</u>	<u>\$ 7,302</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	-	-
Total Operating Expense	<u>\$ 7,443</u>	<u>\$ 9,425</u>	<u>\$ 13,812</u>	<u>\$ 14,111</u>	<u>\$ 14,884</u>
SB City Hall Generator	\$ 3,150	\$ 3,954	\$ 6,831	\$ 6,376	\$ 6,745
SB Lomas SF Fire Generator	4,294	5,471	6,981	7,735	8,139
Total Operating Expense	<u>\$ 7,443</u>	<u>\$ 9,425</u>	<u>\$ 13,812</u>	<u>\$ 14,111</u>	<u>\$ 14,884</u>



## DEL MAR SERVICES

### PROGRAM DESCRIPTION

Under this program, SEJPA provides pump station operation and maintenance services that include daily pump station review, after-hours alarm monitoring and emergency response, equipment preventative maintenance, quarterly generator service, PLC programming, instrumentation calibration, wet well cleaning, and disposal of wastewater collection sediment for the City of Del Mar. Any additional pump station services requested by the City of Del Mar are captured in this program. The actual costs incurred are borne solely by the City of Del Mar.

### FY 2021-22 ESTIMATED ACTUAL EXPENSE

The program is forecast to be over budget by 1,821 or 3.2% due to additional staff time required to replace a leaking pump seal and repair a failed air compressor. The actual costs incurred will be paid for by the City of Del Mar.

### FY 2022-23 ADOPTED EXPENSE BUDGET

The budget for FY 2022-23 is expected to increase \$4,464 or 7.8%. The effort required by Personnel in support of the City of Del Mar's staff at the pump station has been higher than anticipated and so the budget has been adjusted accordingly. Supplies and Services has increased to accommodate anticipated repair parts and fuel cost increases.

### *Del Mar Services Expense Summary*

	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
<b>Operating Expense</b>					
Personnel	\$ 32,890	\$ 40,728	\$ 42,541	\$ 41,432	\$ 45,122
Supplies and Services	5,773	10,714	13,063	13,992	14,766
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	2,000	2,000
Total Operating Expense	<u>\$ 38,663</u>	<u>\$ 51,442</u>	<u>\$ 55,604</u>	<u>\$ 57,424</u>	<u>\$ 61,888</u>

## Del Mar Services Operating Cost Detail

	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
<b>Operating Expense</b>					
<b>Personnel</b>					
Direct Salaries and Wages	\$ 22,319	\$ 29,223	\$ 28,934	\$ 27,961	\$ 30,787
Medicare Tax	335	469	489	414	444
State Unemployment Tax	29	52	36	120	125
Standby Pay	231	227	35	69	223
Overtime Pay	103	665	612	755	314
Dental/Vision	289	282	320	318	309
Employee Assistance Program	-	7	8	45	21
Life Insurance/Disability	163	173	251	222	257
Workers Comp. Insurance	728	383	558	568	589
Medical Insurance - Pers	2,919	2,820	3,259	3,202	3,879
Retirement Plan - CalPERS & PARS Trust	4,793	5,129	6,759	6,342	6,676
Deferred Comp-employer	791	1,128	1,109	1,199	1,288
Uniforms - Boots	35	33	34	55	59
Payroll Processing Fees	132	130	138	134	125
Other Personnel Costs	23	2	-	28	26
	<u>\$ 32,890</u>	<u>\$ 40,723</u>	<u>\$ 42,542</u>	<u>\$ 41,432</u>	<u>\$ 45,122</u>
<b>Supplies and Services</b>					
Advertising	\$ -	\$ 13	\$ 5	\$ 58	\$ 58
Dues & Memberships	6	42	38	-	-
Fuel	437	362	448	447	671
Insurance - Liability	-	271	576	595	654
Insurance - Auto	-	35	-	3	45
Insurance - Property	-	574	806	844	928
Licenses	528	359	348	736	736
Postage/Shipping	-	8	6	-	-
Preemployment Screening	5	12	4	9	9
Printing	12	48	4	15	15
Rent	-	13	14	16	16
Repair Parts Expense	1,997	352	3,516	2,500	2,500
Seminars/Education	-	20	14	200	200
Services - Alarm	-	-	-	750	750
Services - Grit & Screenings	330	2,500	3,500	3,900	3,900
Services - Legal	318	-	-	-	-
Services - Maintenance	-	2,616	1,738	1,700	1,700
Services - IT/GIS Support	836	1,261	1,225	438	869
Services - EWA Support	183	-	-	150	-
Services - Medical	13	47	23	20	20
Services - Professional	251	241	-	-	-
Services - Temp	418	-	4	-	-
Services - Uniforms	78	109	117	147	147
Subsistence - Meals	-	-	2	-	-
Supplies - Office	-	218	141	15	15
Supplies - Safety	48	177	-	5	5
Supplies - Shop & Field	2	242	-	400	440
Training	-	-	188	300	300
Training - Safety	-	40	41	200	200
Minor Equip - Shop & Field	45	579	1	-	-
Utilities - Internet	50	57	47	25	25
Utilities - Telephone	154	277	199	400	400
Utilities - Trash	-	43	46	-	43
Vehicle Maintenance	62	97	15	120	120
	<u>\$ 5,773</u>	<u>\$ 10,717</u>	<u>\$ 13,066</u>	<u>\$ 13,993</u>	<u>\$ 14,766</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	2,000	2,000
Total Operating Cost	<u>\$ 38,663</u>	<u>\$ 51,440</u>	<u>\$ 55,608</u>	<u>\$ 57,425</u>	<u>\$ 61,888</u>



## 22<sup>ND</sup> DISTRICT AGRICULTURAL ASSOCIATION (DEL MAR FAIRGROUNDS)

### PROGRAM DESCRIPTION

This is a new program developed to support the Del Mar Fairgrounds with their Infield Treatment system. SEJPA staff will conduct weekly treatment system and pump station review, after-hours alarm monitoring and emergency response, equipment preventative maintenance, PLC programming, instrumentation calibration, and rotating drum filter maintenance. Any additional services requested by the Fairgrounds Staff are captured in this program. The actual costs incurred are borne solely by the Del Mar Fairgrounds.

### FY 2021-22 ESTIMATED ACTUAL EXPENSE

This new program is expected to begin in FY 2022-23. No funds were budgeted in FY 2021-22.

### FY 2022-23 ADOPTED EXPENSE BUDGET

The budget for FY 2022-23 is projected to be \$120,000. The effort required by Personnel in support of the Fairgrounds staff at the treatment system will be carefully reviewed throughout the year and adjusted as required with the approval of Fairgrounds staff. Supplies and Services have been estimated and will be reimbursed by the Fairgrounds as required.

### *Del Mar Fairgrounds Expense Summary*

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Personnel	\$ -	\$ -	\$ -	\$ -	\$ 113,687
Supplies and Services	-	-	-	-	6,313
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	-	-
Total Operating Expense	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 120,000</u>

## Del Mar Fairgrounds Operating Expense Detail

	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
<b>Operating Expense</b>					
<b><u>Personnel</u></b>					
Direct Salaries and Wages	\$ -	\$ -	\$ -	\$ -	\$ 77,916
Medicare Tax	-	-	-	-	1,102
State Unemployment Tax	-	-	-	-	311
Standby Pay	-	-	-	-	657
Overtime Pay	-	-	-	-	879
Dental/Vision	-	-	-	-	767
Employee Assistance Program	-	-	-	-	51
Life Insurance/Disability	-	-	-	-	639
Workers Comp. Insurance	-	-	-	-	1,462
Medical Insurance - Pers	-	-	-	-	9,624
Retirement Plan - CalPERS & PARS Trust	-	-	-	-	16,564
Deferred Comp-employer	-	-	-	-	3,195
Uniforms - Boots	-	-	-	-	147
Payroll Processing Fees	-	-	-	-	309
Other Personnel Costs	-	-	-	-	64
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 113,687</u>
<b><u>Supplies and Services</u></b>					
Fuel	\$ -	\$ -	\$ -	\$ -	\$ 678
Services - Alarm	-	-	-	-	582
Services - IT/GIS Support	-	-	-	-	685
Supplies - Shop & Field	-	-	-	-	744
Training	-	-	-	-	243
Training - Safety	-	-	-	-	321
Minor Equip - Shop & Field	-	-	-	-	1,048
Utilities - Telephone	-	-	-	-	295
Vehicle Maintenance	-	-	-	-	1,717
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 6,313</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	-	-
Total Operating Expense	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 120,000</u>



## RECYCLED WATER

### PROGRAM DESCRIPTION

SEJPA owns and operates a recycled water utility which wholesales recycled water to Santa Fe Irrigation District (SFID), San Dieguito Water District (SDWD), City of Del Mar, and Olivenhain Municipal Water District (OMWD), as well as a direct sales agreement with Encinitas Ranch Golf Authority (ERGA). SEJPA financed, permitted, and constructed the recycled water utility, which became operational in September 2000. Since the addition of the Advanced Water Purification (AWP) system in 2013, SEJPA's Recycled Water program delivers up to 3 million gallons per day or nearly 2,000 acre-feet per year (AFY) of recycled water. Local customers that use the recycled water for landscape irrigation include the Encinitas Ranch Golf Course, Lomas Santa Fe Executive and Country Club Golf Courses, Magdalena Ecke Family YMCA, Del Mar Fairgrounds, Village Park greenbelt, local schools, parks, businesses, and street/freeway landscape. Industrial use customers include Scripps Hospital, the Del Mar Fairgrounds, and the San Elijo Water Campus. FY 2022-23 begins the 22<sup>nd</sup> year of operation for the Recycled Water program.

### FY 2021-22 ESTIMATED ACTUAL EXPENSE

Recycled Water program's estimated expenditures are projected to be slightly under budget by \$21,828 or 1.2%. This is the net result of lower costs associated with adding new customers offset by increased costs in chemicals and engineering support services.

### FY 2022-23 ADOPTED EXPENSE BUDGET

The Recycled Water total budget is adopted at \$3,046,316, an increase of \$499,464 or 19.6% from prior year budget. Personnel costs for the FY 2022-23 budget are based on estimated staff effort required to operate and advance the program is planned to increase by \$215,329 or 32.7%. This includes additional staff time for grant pursuits and administration, capital infrastructure development, and potable reuse planning. Supplies and Services are estimated to increase by 200,385 or 17.1%, which is due to chemical supplies and energy cost increases associated with higher water sales and anticipated commodity inflation. Contingency funding has been set at \$50,000 or 3.6% of Supplies and Services costs to provide funding for unplanned expenses.

## EVERY DROP COUNTS



To help keep our communities green, SEJPA provides recycled water to schools, parks, businesses, homeowners associations, and golf courses for irrigation. This conserves local water supplies and limits our dependencies on imported water.

## Recycled Water Expense Summary

	Actual 2019-20	Actual 2020-21	Estimated Actual 2021-22	Adopted Budget 2021-22	Adopted Budget 2022-23
<b>Operating Expense</b>					
Personnel	\$ 653,812	\$ 556,253	\$ 631,379	\$ 658,873	\$ 874,202
Supplies and Services	841,335	1,425,062	1,180,556	1,174,826	1,375,211
Capital Outlay	14,111	-	49,936	50,000	50,000
Contingency	-	-	-	-	50,000
Total Operating Expense	\$ 1,509,258	\$ 1,981,314	\$ 1,861,871	\$ 1,883,699	\$ 2,349,413
Capital Expenses	165,450	280,000	500,000	500,000	500,000
Total Operating and Capital Expenses	\$ 1,674,708	\$ 2,261,314	\$ 2,361,871	\$ 2,383,699	\$ 2,849,413
<b>Debt Service</b>					
Advanced Water Purification	\$ 148,153	\$ 148,153	\$ 148,153	\$ 148,153	\$ 148,153
SFID Pipeline Loan	11,321	18,038	16,640	15,000	37,500
Solana Beach Pipeline Loan		36,135	9,900		11,250
Total Debt Service	\$ 994,149	\$ 1,037,003	\$ 174,693	\$ 163,153	\$ 196,903
<b>Total Expenses</b>	<b>\$ 2,668,857</b>	<b>\$ 3,298,317</b>	<b>\$ 2,536,564</b>	<b>\$ 2,546,852</b>	<b>\$ 3,046,316</b>



### BEAUTIFYING COMMUNITIES

SEJPA's recycled water brings landscapes to life throughout Encinitas, Solana Beach, and Del Mar. The Coastal Rail Trail, irrigated with recycled water, wanders through colorful displays of drought-tolerant plants.

## Recycled Water Operating Expense Detail

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
<b>Personnel</b>					
Direct Salaries and Wages	\$ 408,733	\$ 372,896	\$ 420,047	\$ 442,928	\$ 598,040
FICA Tax	44	95	(9)	-	-
Medicare Tax	6,142	6,069	6,442	6,424	8,208
State Unemployment Tax	537	600	701	1,863	2,313
Standby Pay	3,173	3,612	5,630	3,386	6,841
Overtime Pay	10,102	16,576	15,391	16,179	14,433
Dental/Vision	4,006	4,461	5,000	4,932	5,710
Employee Assistance Program	-	118	131	704	381
Life Insurance/Disability	2,273	2,743	3,995	3,442	4,755
Workers Comp. Insurance	9,955	6,058	8,844	8,813	10,887
Medical Insurance - Pers	40,585	44,660	51,811	49,726	71,651
Retirement Plan - CalPERS & PARS Trust	150,699	81,151	93,402	98,490	123,316
Deferred Comp-employer	14,955	14,615	17,258	18,621	23,790
Uniforms - Boots	484	530	652	859	1,098
Payroll Processing Fees	1,810	2,062	2,085	2,078	2,303
Other Personnel Costs	314	7	-	429	476
	<u>\$ 653,812</u>	<u>\$ 556,254</u>	<u>\$ 631,380</u>	<u>\$ 658,873</u>	<u>\$ 874,202</u>

*Expense detail continued on next page.*

## Recycled Water Operating Expense Detail Continued

<b>Operating Expense</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
<b><u>Supplies and Services</u></b>					
Board Expense	\$ -	\$ 168	\$ 1,200	\$ 816	\$ 816
Advertising	-	148	214	672	672
Dues & Memberships	8,387	8,026	7,469	7,800	7,800
Equipment Rental/Lease	216	-	-	1,000	1,000
Fees - Permits	18,767	25,348	25,931	24,000	28,000
Fuel	2,874	3,072	4,770	3,375	5,063
Insurance - Liability	14,508	3,135	7,250	6,938	7,631
Insurance - Auto	-	404	522	35	520
Insurance - Property	13,289	6,691	9,396	9,843	10,827
Licenses	13,000	19,269	25,467	8,594	8,594
Minor Equip - Shop & Field	7,736	4,789	5,134	3,000	3,300
Postage/Shipping	52	272	74	200	200
Preemployment Screening	72	136	52	109	109
Printing	159	564	48	200	200
Rent	103,052	138,485	103,326	116,100	123,750
Repair Parts Expense	41,482	27,330	43,787	50,000	55,000
Retrofit Expenses	-	-	24,479	105,000	105,000
Seminars/Education	559	783	333	3,400	3,400
Miscellaneous	163	-	-	-	-
Services - Accounting	8,640	7,686	10,335	9,900	10,500
Services - Landscape	-	-	18,000	5,000	19,627
Services - Alarm	3,360	3,100	3,068	4,100	4,100
Services - Engineering	26,917	256,848	123,475	68,750	76,250
Services - Janitorial	-	-	1,600	-	3,120
Services - Fire Control	-	-	-	2,000	2,000
Services - Laboratory	8,344	6,122	7,284	5,000	7,500
Services - Legal	2,872	6,580	5,096	23,000	23,000
Services - Lobbying	10,442	19,926	16,213	17,800	19,500
Services - Maintenance	35,880	35,803	28,119	28,000	36,000
Services - Medical	174	741	362	400	400
Services - Other	3	1,404	112	300	300
Services - Professional	17,926	247,299	33,420	84,350	82,250
Services - IT/GIS Support	20,474	14,706	15,987	25,380	16,564
Services - EWA Support	2,530	-	-	4,000	-
Services - Contractors	23,890	-	14,100	20,000	22,000
Services - Temp	16,264	23,847	20,205	24,595	26,699
Services - Uniforms	1,070	1,299	1,560	1,719	1,719
Subscriptions	70	302	30	50	50
Subsistence - Meals	80	23	52	900	900
Subsistence - Travel/Rm & Bd	130	11	3,000	3,000	3,000
Supplies - Chem - Odor	4,727	4,687	10,736	8,000	11,200
Supplies - Chem - Polymer	1,241	4,965	9,964	3,000	10,000
Supplies - Chem - Sodium Hypo	54,373	58,549	78,875	60,000	110,000
Supplies - Chemicals	47,569	17,822	138,862	63,000	140,000
Supplies - Lab	9,788	7,440	3,813	10,000	10,000
Supplies - Office	14	2,573	2,477	1,000	1,000
Supplies - Safety	601	2,497	27	900	900
Supplies - Shop & Field	542	5,020	4,463	1,200	4,500
Training	-	5	666	2,800	2,800
Training - Safety	238	472	542	1,300	1,300
Utilities - Gas & Electric	285,402	410,664	338,363	320,000	255,011
Utilities - Internet	1,011	666	940	850	850
Utilities - Telephone	10,731	11,140	10,246	9,000	10,250
Utilities - Water	146	-	4,744	6,750	6,750
Utilities - Water (Suppl.)	20,267	26,942	13,464	16,000	16,500
Utilities - Trash	-	500	604	-	500
Utilities - Solar Power	-	-	-	-	74,589
Vehicle Maintenance	1,303	6,803	300	1,700	1,700
	<u>\$ 841,335</u>	<u>\$ 1,425,065</u>	<u>\$ 1,180,556</u>	<u>\$ 1,174,826</u>	<u>\$ 1,375,211</u>
Capital Outlay	\$ 14,111	\$ -	\$ 49,936	\$ 50,000	\$ 50,000
Contingency	-	-	-	-	50,000
Total Operating Expense	<u>\$ 1,509,258</u>	<u>\$ 1,981,318</u>	<u>\$ 1,861,872</u>	<u>\$ 1,883,700</u>	<u>\$ 2,349,413</u>

Environmental  
Stewardship

Strong Permit  
Compliance

Community  
Investments

Safety and  
Reliability

Sustainable  
Resource  
Management

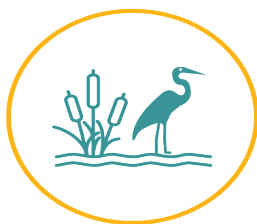
## CAPITAL PROGRAMS

### *CAPITAL IMPROVEMENT PROGRAM (CIP) OVERVIEW*

SEJPA's Capital Improvement Program (CIP) prioritizes environmental protection and the public safety when developing and ranking agency infrastructure needs. We strive to replace aging assets prior to failure or significant decline in service performance, as well as to invest in energy efficiency and sustainable practices. Over the last five years, key capital projects included:

- Upgrading pretreatment systems to improve performance during intense storms, increase operational efficiency, and allow the capture and reuse of stormwater;
- Expanding our recycled water system to decrease reliance on imported water and improve local sustainability;
- Replacing the land portion of the ocean outfall system to ensure treated flows safely reach the ocean;
- Modernizing the Water Campus to meet the needs of our agency, improve public access, and provide beneficial amenities to the communities we serve;
- Building 600 kW photovoltaic solar energy system to meet up to 25% of the water campus power needs with renewable energy.

SEJPA is responsible for maintaining permit compliance with regulatory agencies and legal agreements with customers to provide wastewater, recycled water, and clean water services. Proactive asset management and capital improvement planning are critical components in keeping these commitments. SEJPA employs a “triple-bottom line” approach to prioritize and weight projects in order to compare each project against the other and confirm SEJPA achieves balanced value-added results for environmental, financial, and social goals.



#### ENVIRONMENTAL

35%

Meet permit requirements and minimize risk of violations. Seek sustainable and efficient operational practices, maximize resource recovery, and minimize impacts to the environment.



#### FINANCIAL

30%

Implement economically-feasible projects and solutions. Maximize economic benefits for customers through cost-effective operations.



#### SOCIAL

35%

Maintain a high standard of worker safety and maximize community benefits through improved aesthetics and recreational uses.

In 2017, SEJPA successfully secured \$23.9 million in a bond offering to fund most of the recommended capital projects. Staff bundled the projects into four phases to prioritize capital spending, streamline project delivery, minimize community impacts, and reduce cost through economies of scale. The first three phases of the capital plan have mostly been completed for an estimated construction cost of \$47 million. Construction of the highest priority projects began in 2017.

Looking forward to FY 2022-23, the capital improvement program includes several projects to maintain and improve infrastructure related to wastewater treatment, laboratory services, ocean outfall, wastewater pump stations, and recycled water. Project descriptions and funding appropriations are discussed further below.

## *CAPITAL PROGRAMS PROJECT APPROPRIATION SUMMARY*

<b>Program</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Wastewater Treatment	\$ 948,177	\$ 1,070,000	\$ 1,240,000	\$ 1,240,000	\$ 1,260,000
Laboratory Remodel	-	-	-	-	120,000
Ocean Outfall	288,800	185,000	120,000	120,000	175,000
Cardiff Pump Station	250,000	170,000	-	-	-
Encinitas Sanitary Division Pump Station	-	-	375,000	375,000	1,125,000
Solana Beach Pump Station	20,000	25,000	-	-	-
Water Reclamation	165,450	280,000	500,000	500,000	500,000
Total Capital Expense	<u>\$ 1,672,427</u>	<u>\$ 1,730,000</u>	<u>\$ 2,235,000</u>	<u>\$ 2,235,000</u>	<u>\$ 3,180,000</u>

## WASTEWATER TREATMENT PROJECT APPROPRIATION DETAIL

<b>Capital Project</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Solids Treatment (CIP Phase III)	\$ 470,000	\$ 870,000	\$ 1,040,000	\$ 1,040,000	\$ 1,060,000
Miscellaneous Projects	280,000	200,000	200,000	200,000	200,000
Vehicles and Equipment	198,177	-	-	-	-
Total Capital Expense	<u>\$ 948,177</u>	<u>\$ 1,070,000</u>	<u>\$ 1,240,000</u>	<u>\$ 1,240,000</u>	<u>\$ 1,260,000</u>

### SOLIDS TREATMENT PROJECT

The Solids Treatment Project is in the final-design phase. A Project Definition Report (PDR) was developed to prioritize system needs, evaluate design alternatives, and select equipment technology to be included in the final design. The PDR identified highest-priority elements of the Solids Treatment Project so the project can be developed in phases as funding becomes available. The estimated construction value of biosolids dewatering is \$9 million to \$14 million. Based on the PDR recommendations, staff is developing a project that will replace the dewatering belt-presses, rehabilitate corroded steel and sludge handling equipment, replace chemical storage and pumping equipment, and other related improvements. Final design of these project elements is expected to be completed by Fall of 2022. Staff is also self-performing various improvements and asset management activities as small-scale rehabilitation projects to maximize the service life of existing solids treatment assets.

### MISCELLANEOUS PROJECTS

Each year staff identifies small capital projects to maximize equipment useful service life, enhance process automation, and improve treatment quality. Miscellaneous Projects for the FY 2022-23 Budget include replacing the inlet flow isolation gates on Aeration Basin 2 and 3 and replacing effluent launders in the secondary clarifiers.

## LABORATORY REMODEL PROJECT APPROPRIATION DETAIL

<b>Capital Project</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Laboratory Remodel	\$ -	\$ -	\$ -	\$ -	\$ 120,000
Total Capital Expense	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 120,000</u>

The current laboratory casework has been in use for more than 30 years and has significant signs of corrosion and deterioration. Although the building code has no significant requirements on corroding surfaces, the laboratory casework, counters, furniture, and ventilation equipment has been recommended for replacement due to age and increased maintenance requirements. In addition, Environmental Laboratory Accreditation Program (ELAP) is requiring installation of a deionized water system for reagent water, since the current system of purchasing Arrowhead water is not traceable with a batch and quality control number. Total estimated cost to remodel the laboratory is \$240,000, not including future inflation. This amount is to be collected over a two-year period starting in FY 2022-23.

## OCEAN OUTFALL PROJECT APPROPRIATION DETAIL

<b>Capital Project</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Outfall Reserve	\$ 250,000	\$ 185,000	\$ 120,000	\$ 120,000	\$ 25,000
Escondido Vault Rehabilitation	-	-	-	-	150,000
Vehicles and Equipment	38,800	-	-	-	-
Total Capital Expense	<u>\$ 288,800</u>	<u>\$ 185,000</u>	<u>\$ 120,000</u>	<u>\$ 120,000</u>	<u>\$ 175,000</u>

### OUTFALL RESERVE

The San Elijo Ocean Outfall system is critical regional infrastructure that serves SEJPA and the City of Escondido. This infrastructure includes pressure regulating and isolation valves, ocean discharge pumps, flow measuring meters, 2,600 feet of land outfall pipeline, 8,000 feet of ocean outfall pipe, system automation and monitoring components, and support structures and rock ballast that hold the outfall stationary on the ocean floor. The outfall conveys an average of approximately 10 million gallons per day (MGD) with peak flows during storm events of up to 25.5 MGD. The Outfall Reserve is a capital reserve account dedicated for repair and replacement activities associated with the San Elijo Ocean Outfall system. Due to ocean currents and sand movement on the ocean floor, the rock ballast that protects the outfall generally requires to be replenished every 15-20 years. SEJPA completed an inspection of the outfall in 2021 that found the ballast rock was adequately supporting the outfall, however ballast rock can be affected by a single significant ocean swell. With the contribution of \$25,000, the Outfall Reserve balance will total \$1.6 million. Collecting reserve funding over time will help smooth the sewer rates required to complete the project.

### ESCONDIDO VAULT REHABILITATION PROJECT

As part of the Ocean Outfall system, SEJPA operates and maintains flow metering and water quality monitoring equipment inside a below-ground, concrete structure on Manchester Avenue near the Water Campus driveway. The vault was initially installed in 1974 and modified in 1999 to include a second flow meter. The original 1974 flow meter and valves have reached the end of useful life and this project will replace old and outdated equipment in the vault.

## CARDIFF PUMP STATION APPROPRIATION DETAIL

<b>Capital Project</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Cardiff/Olivenhain Force Mains	\$ 250,000	\$ 170,000	\$ -	\$ -	\$ -
Total Capital Expense	<u>\$ 250,000</u>	<u>\$ 170,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

### CARDIFF AND OLIVENHAIN PUMP STATION FORCE MAINS

The Cardiff and Olivenhain Pump Station Force Main project includes the installation of an access road for the force mains along the west edge of the SEJPA's property. This project was integrated into the Water Campus Improvement Project as a portion of the multi-use path and will serve as access to the force main clean out vaults and isolation valves. The project was completed in FY 2021-22, funded by the Cardiff Sanitation District, and is included in the revenues collected from the City of Encinitas.

## ENCINITAS SANITARY DIVISION PROJECT APPROPRIATION DETAIL

<b>Capital Project</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Moonlight Beach Pump Station Rehabilitation	\$ -	\$ -	\$ 375,000	\$ 375,000	\$ 1,125,000
Total Capital Expense	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 375,000</u>	<u>\$ 375,000</u>	<u>\$ 1,125,000</u>

### MOONLIGHT BEACH PUMP STATION REHABILITATION

The Moonlight Beach Pump Station was originally constructed in 1974 and underwent significant renovation in 2006. It is located on the southeast corner of the intersection of 3rd Street and B Street in the City of Encinitas. A pump/grinder replacement evaluation for this pump station was conducted and the findings are detailed in the September 2019 Moonlight Beach Pump Station, Pump Replacement Evaluation. Design of this project began in FY 2021-22 with the initial \$375,000 payment from the City of Encinitas. As the design progressed, additional issues not anticipated in the initial 2019 report have been identified and incorporated into the project. Currently the cost is estimated at \$1.5 million. The project will be funded solely by the City of Encinitas and is included in the revenues collected from the City. Based on the evaluation, the following improvements are recommended:

- Addition of a smaller capacity pump and motor designed for overnight low influent flows into the wet well.
- Replacement of the existing extended shaft sewage pumps with dry pit submersible style pumps capable of passing rags and solids. This will include eliminating the existing inline sewage grinders from the pump suction assembly and replacement of the existing pump suction and pump discharge piping assembly (piping and valve replacement).
- Installation of a new portable gantry crane in the pump room, equipped with 1-ton mechanically operated hoist.

## SOLANA BEACH PUMP STATION PROJECT APPROPRIATION DETAIL

<b>Capital Project</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Solana Beach Sewer Force Main Relocation	\$ 50,000	\$ 25,000	\$ -	\$ -	\$ -
Total Capital Expense	<u>\$ 50,000</u>	<u>\$ 25,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

### SOLANA BEACH PUMP STATION FORCE MAIN RELOCATION

The Solana Beach Pump Station Force Main Relocation project relocated a portion of a force main that conveys raw wastewater from the Solana Beach Pump Station to the San Elijo Water Campus. This project was integrated into the Water Campus Improvement Project due to the proximity of the force main to on-site construction. The completed project is being funded by the City of Solana Beach.

## RECYCLED WATER PROJECT APPROPRIATION DETAIL

<b>Capital Project</b>	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
Treatment, Conveyance and Storage	\$ -	\$ 280,000	\$ 500,000	\$ 500,000	\$ 500,000
Potable Reuse Study	75,000	-	-	-	-
Vehicles and Equipment	58,200	-	-	-	-
Recycled Water Distribution Pump #1 Replacement	32,250	-	-	-	-
Total Capital Expense	<u>\$ 165,450</u>	<u>\$ 280,000</u>	<u>\$ 500,000</u>	<u>\$ 500,000</u>	<u>\$ 500,000</u>

### TREATMENT, CONVEYANCE, AND STORAGE

Working collaboratively with its water district partners, SEJPA plans and constructs improvements to the recycled water infrastructure to maintain service reliability, improve operational efficiency, and enhance service capabilities. Capital projects include treatment system enhancements, valve maintenance and replacements, refurbishment of existing storage tanks or the construction of new storage, replacing existing distribution system pumps and motors, stormwater recycling, and ongoing system asset management. It is anticipated that this multi-year capital effort will likely be developed through a series of individual projects that will occur during a 10-year period from 2021 to 2030 with an estimated budget of \$10.7 million (2021 dollars). The following projects have been identified as Treatment, Conveyance, and Storage projects:

#### WANKET TANK REHABILITATION AND RECYCLED WATER STORAGE PROJECT

This project will convert the Wanket Tank, an existing 3-million-gallon pre-stressed concrete potable water tank that has been out of service for about a decade, into a recycled water storage tank. The Wanket Tank, constructed in 1975, is jointly owned by Olivenhain Municipal Water District (OMWD) and San Dieguito Water District (SDWD) and is no longer used for potable water service. Wanket Tank is located on a 1.67-acre site approximately 800 ft east of the nearest existing SEJPA recycled water line. The project will include rehabilitating the concrete reservoir, disconnecting the tank from potable water pipelines, constructing new recycled water pipelines to connect the tank to recycled water system located in Quail Gardens Drive, and miscellaneous site improvements. The project cost is estimated at \$2.2 million, and it is at the conceptual design phase.

#### STORMWATER CAPTURE AND REUSE PROJECT

The SEJPA Stormwater Capture and Reuse Project is intended to reduce pollution to the San Elijo Lagoon and Pacific Ocean and capture stormwater to augment water supply to the recycled water system. The project will include installing a stormwater interceptor, desilting basins, two pump stations and other ancillary equipment to capture and recycle approximately 7 million gallons per year. The project budget is \$900,000 and is expected to be funded primarily by grant funding. Some elements of the project were included in the recently completed Water Campus Improvement project, and the remaining components are planned to be constructed over the next two years.

#### POTABLE REUSE STUDY

During FY 2014-15, SEJPA partnered with SDWD and SFID to fund a joint Potable Reuse Concept Study to identify the feasibility of a local potable reuse project. In 2017-18, OMWD and Leucadia Wastewater District were added to the study group and the results were published in the 2019 Potable Reuse Plan Development Study. The 2019 Study included regulatory constraints, evaluating sources of recycled water supplies, identifying needed improvements at Badger WTP, and evaluating project alternatives (including necessary facilities, site locations, and budgetary costs).

# DEBT SERVICE

## WASTEWATER TREATMENT DEBT SERVICE

### 2011 REFUNDING BONDS

In FY 2020-21, SEJPA and its member agencies made the final payments on refinanced 2003 Revenue Bonds and a California Energy Commission Loan.

### 2017 REVENUE BONDS

SEJPA issued revenue bonds in July 2017 to fund a series of wastewater, ocean outfall, and recycled water projects. The bond included a face value of \$22.115 million, plus a premium less expense of \$1.797 million netting \$23.912 received with a true interest cost of 3.39% over 30 years. The FY 2022-23 payments will include both interest and principal: \$431,213 interest and \$237,500 principal for each Member Agency.

### SAN DIEGO GAS & ELECTRIC ON BILL FINANCING

In July 2017, SEJPA and San Diego Gas & Electric (SDG&E) entered into an On-Bill Financing Loan Agreement to fund the Blower Replacement Project. This project replaced three 125-hp multi-stage centrifugal blowers that were installed in 1991 with substantially more efficient turbo blowers. This replacement project resulted in a \$533,883 loan from SDG&E with 120 monthly payments at \$4,449 with no interest. The resulting annual cost savings from the installation of more energy efficient equipment roughly equals the annual finance expense. The estimated balance as of June 30, 2022 will be \$266,943. The scheduled payoff date is July 2027.



### ENCOURAGING INNOVATION

SEJPA supports efficiency and innovation. Solar power provides electricity at the Water Campus. Visitors can charge electric vehicles at public charging stations. Our policies protect the environment and advance the goals of climate action plans.

## *RECYCLED WATER DEBT SERVICE*

### STATE REVOLVING FUND (SRF) LOAN

In March 1998, SEJPA entered into an agreement with the State Water Resources Control Board to fund the original Recycled Water Project. The \$12.6 million loan provided funding to construct the water recycling equipment and distribution piping system at a fixed interest rate of 2.5% for a term of 20 years. Annual payments of \$834,675 began in August 2001 and will continue through August 2020. In FY 2020-21, SEJPA made the final payment.

### ADVANCED WATER PURIFICATION FACILITY LOAN

In November 2011, SEJPA received a private placement loan for the construction of the Advanced Water Purification Facility in the amount of \$2 million at a fixed interest rate of 4.15%. Annual payments of \$148,153 began in 2011 and will continue for 20 years until 2031. As of June 30, 2022, the outstanding principal balance is \$1,153,413.

### SFID PIPELINE LOAN

In 2013, SEJPA entered into an agreement with the Santa Fe Irrigation District to purchase a recycled water distribution pipeline for \$526,149 with an initial down payment of \$50,000 and annual interest between 1.0% and 2.5% based on the Local Agency Investment Fund (LAIF) rate. The repayment schedule is \$450 per acre foot of water delivered through the pipeline. As of June 30, 2022, the outstanding principal balance is estimated to be \$401,605 based on 35 acre-feet delivered through the pipeline in FY 2021-22.

### SOLANA BEACH PIPELINE LOAN

In 2020, SEJPA entered into an agreement with the City of Solana Beach to purchase a recycled water distribution pipeline for \$1,191,652 with no annual interest and \$478,319 of the reimbursement through water sales. Other sources of funds for reimbursement will be a combination of actual cash value of services to be provided by SEJPA and actual grants received. In FY 2021-22, \$600,000 of grant funding was reimbursed. The repayment schedule is \$450 per acre foot of water delivered through the pipeline. As of June 30, 2022, the outstanding principal balance is estimated to be \$432,734 based on 21 acre-feet delivered through the pipeline in FY 2021-22.

## DEBT SERVICE SUMMARY

	<b>Actual 2019-20</b>	<b>Actual 2020-21</b>	<b>Estimated Actual 2021-22</b>	<b>Adopted Budget 2021-22</b>	<b>Adopted Budget 2022-23</b>
<b>Wastewater Debt Service</b>					
2011 Refunding Bonds					
Principal	\$ 115,000	\$ 120,000	\$ -	\$ -	\$ -
Interest	6,468	3,420	-	-	-
Total Debt Service	<u>\$ 121,468</u>	<u>\$ 123,420</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
2017 Revenue Bonds					
Principal	\$ 435,000	\$ 450,000	\$ 460,000	\$ 460,000	\$ 475,000
Interest	902,775	889,725	876,225	876,225	862,425
Total Debt Service	<u>\$ 1,337,775</u>	<u>\$ 1,339,725</u>	<u>\$ 1,336,225</u>	<u>\$ 1,336,225</u>	<u>\$ 1,337,425</u>
San Diego Gas & Electric					
Principal	\$ 53,388	\$ 53,388	\$ 53,388	\$ 53,388	\$ 53,388
Interest	-	-	-	-	-
Total On Bill Financing	<u>\$ 53,388</u>	<u>\$ 53,388</u>	<u>\$ 53,388</u>	<u>\$ 53,388</u>	<u>\$ 53,388</u>
Total Wastewater Debt Service					
Principal	\$ 603,388	\$ 623,388	\$ 513,388	\$ 513,388	\$ 528,388
Interest	909,243	893,145	876,225	876,225	862,425
Total Debt Service	<u>\$ 1,512,631</u>	<u>\$ 1,516,533</u>	<u>\$ 1,389,613</u>	<u>\$ 1,389,613</u>	<u>\$ 1,390,813</u>
<b>Recycled Water Debt Service</b>					
State Revolving Fund					
Principal	\$ 794,456	\$ 814,318	\$ -	\$ -	\$ -
Interest	40,219	20,358	-	-	-
Total Debt Service	<u>\$ 834,675</u>	<u>\$ 834,676</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Advanced Water Purification					
Principal	\$ 89,579	\$ 93,336	\$ 97,249	\$ 97,249	\$ 101,327
Interest	58,574	54,817	50,904	50,904	46,826
Total Debt Service	<u>\$ 148,153</u>	<u>\$ 148,153</u>	<u>\$ 148,153</u>	<u>\$ 148,153</u>	<u>\$ 148,153</u>
SFID Pipeline Loan					
Principal	\$ 2,731	\$ 10,643	\$ 13,904	\$ 10,000	\$ 32,500
Interest	8,590	7,395	2,736	5,000	5,000
Total Debt Service	<u>\$ 11,321</u>	<u>\$ 18,038</u>	<u>\$ 16,640</u>	<u>\$ 15,000</u>	<u>\$ 37,500</u>
Solana Beach Pipeline Loan					
Principal	\$ -	\$ 36,135	\$ 9,900	\$ 9,900	\$ 11,250
Interest	-	-	-	-	-
Total Debt Service	<u>\$ -</u>	<u>\$ 36,135</u>	<u>\$ 9,900</u>	<u>\$ 9,900</u>	<u>\$ 11,250</u>
Total Water Reclamation Debt Service					
Principal	\$ 886,766	\$ 954,432	\$ 121,053	\$ 117,149	\$ 145,077
Interest	107,383	82,571	53,640	55,904	51,826
Total Debt Service	<u>\$ 994,149</u>	<u>\$ 1,037,003</u>	<u>\$ 174,693</u>	<u>\$ 173,053</u>	<u>\$ 196,903</u>
<b>Total Debt Service</b>					
Total All Debt Service					
Principal	\$ 1,436,766	\$ 1,577,820	\$ 634,441	\$ 630,537	\$ 673,465
Interest	1,016,626	975,716	929,865	932,129	914,251
Total Debt Service	<u>\$ 2,453,392</u>	<u>\$ 2,553,536</u>	<u>\$ 1,564,306</u>	<u>\$ 1,562,666</u>	<u>\$ 1,587,716</u>

# CLASSIFICATION AND SALARY SCHEDULE

SAN ELIJO JOINT POWERS AUTHORITY  
FY 2022-23 CLASSIFICATION AND SALARY SCHEDULE  
As of July 1, 2022

Position	Base Salary*			
	Monthly		Annual	
	Minimum	Maximum	Minimum	Maximum
<b>Accounting Series</b>				
Accounting Technician I	\$3,798	\$5,433	\$45,574	\$65,197
Accounting Technician II	4,396	6,289	52,748	75,460
Accounting Technician III	5,087	7,642	61,051	91,705
<b>Administrative Series</b>				
Administrative Assistant I	2,815	4,084	33,785	49,010
Administrative Assistant II	3,776	5,557	45,317	66,682
Administrative Assistant III	4,540	6,320	54,489	75,844
Administrative Coordinator	6,092	8,657	73,094	103,885
Director of Operations	11,672	17,199	140,071	206,391
Director of Finance/Administration	11,672	17,199	140,071	206,391
Director of Infrastructure and Sustainability	11,672	17,199	140,071	206,391
<b>Financial Analyst Series</b>				
Financial Analyst-In-Training	3,781	6,042	45,370	72,499
Financial Analyst I	5,207	7,188	62,487	86,251
Financial Analyst II	5,724	7,901	68,687	94,808
Financial Analyst III	6,189	8,970	74,271	107,642
General Manager (Board Approved Contract)	20,514	20,514	246,174	246,174
<b>Laboratory Series</b>				
Laboratory Analyst-In-Training	3,781	6,042	45,370	72,499
Laboratory Analyst I	4,642	6,641	55,709	79,694
Laboratory Analyst II	5,555	7,947	66,659	95,359
Senior Laboratory Analyst	7,169	9,457	86,018	113,478
Laboratory Manager	7,681	12,536	92,166	150,432
<b>Mechanic Series</b>				
Mechanic-In-Training	3,781	6,042	45,370	72,499
Mechanic I	4,726	6,856	56,711	82,271
Mechanic II	5,464	7,926	65,568	95,119
Lead Mechanic	5,911	9,218	70,929	110,613
Mechanical Systems Manager	8,230	12,536	98,759	150,432
<b>Project Management Series</b>				
Project Manager	7,681	11,537	92,166	138,439
Senior Project Manager	8,763	12,536	105,156	150,432
<b>Systems Integration Series</b>				
Systems Integration Technician-In-Training	3,781	6,042	45,370	72,499
Systems Integration Technician I	4,808	6,975	57,699	83,705
Systems Integration Technician II	5,596	8,403	67,159	100,837
SCADA Manager	8,703	14,170	104,430	170,045
<b>Wastewater Treatment Operator Series</b>				
Operator-In-Training	3,781	6,042	45,370	72,499
Operator I	4,755	6,850	57,054	82,190
Operator II	5,721	8,242	68,659	98,908
Lead Operator	6,519	9,457	78,223	113,479
Chief Plant Operator	8,230	12,536	98,759	150,432
<b>Recycled Water Distribution Series</b>				
Recycled Water Specialist	5,968	8,657	71,610	103,885
Recycled Water Supervisor	6,519	9,457	78,223	113,479
Intern (All Departments)	2,600	4,053	31,200	48,637

\* Base salary minimum and maximum are based on full-time employment. Intern positions are generally part-time.

# ORGANIZATIONAL CHART

