

SAN ELIJO

JOINT POWERS AUTHORITY



ADOPTED ANNUAL BUDGET

FY 2021-22



SAN ELIJO | JOINT POWERS
AUTHORITY

SAN ELIJO JOINT POWERS AUTHORITY

SEJPA is celebrating 56 years of service to our communities.



56 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 2021-22

BOARD OF DIRECTORS

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

2695 Manchester Avenue
Cardiff by the Sea, CA 92007
www.sejpa.org

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TRANSMITTAL LETTER

Honorable Chairperson and Members of the Board of Directors:

I am pleased to present the Fiscal Year (FY) 2021-22 Adopted Budget for the San Elijo Joint Powers Authority (SEJPA). This past year, we faced the unprecedented impacts of a COVID-19 pandemic and the significant challenges it brought to our communities. SEJPA's foremost goal has been to protect the public and our workforce to ensure that our essential services continue without interruption. During the 2020-2021 period, SEJPA continued its legacy of reliable service, innovation, environmental protection, safety, and fiscal responsibility. Notable results include:



Working Towards a Sustainable Future. For more than 20 years, SEJPA has closed water gaps and offset potable water use by investing in our growing Recycled Water Program, which recycles more than 500 million gallons each year. SEJPA invested in new efficient equipment and optimized treatment to reduce energy and water consumption. We continue to model sustainable solutions in the Water Campus Improvements Project, which includes renewable energy production, stormwater capture, and operational efficiency enhancements.



Delivering Exceptional Water Treatment. SEJPA's excellent water treatment performance continues to exceed requirements averaging 98% removal of Carbonaceous Biochemical Oxygen Demand (CBOD) and Total Suspended Solids (TSS). SEJPA is in full compliance with permits, including those related to air quality, ocean discharge for wastewater treatment, and recycled water.



Achieving Highest Levels of Safety. For 20 consecutive years, SEJPA has operated our utility and completed capital projects safely, without staff missing a work-day due to injury. This year, SEJPA was awarded the California Sanitation Risk Management Authority (CSRMA) Workers' Compensation Excellence Award for our approach to injury avoidance. SEJPA was also recognized as the Safety Plant of the Year by the California Water Environment Association (CWEA).



Investing in Our Community and Workforce. SEJPA continues to invest in the next generation of water leaders through our internship program, partnerships with local universities, and educational opportunities for students. This year, SEJPA continued and expanded our local internship program and is currently mentoring seven interns both remotely and safely onsite.



Building Valuable Partnerships. We have embraced collaboration with our neighboring agencies to improve cost effectiveness, expand Recycled Water service, and increase our regional impact. We are especially proud of the partnerships we have built with the North San Diego Water Reuse Coalition, which has brought millions of dollars in grant funding to north county.

This budget document reflects our continued commitment to these goals and celebrated achievements.

OPERATING BUDGET OVERVIEW

The SEJPA Adopted Budget for FY 2021-22 is made up of 10 operational programs that are managed and operated by SEJPA. We are continually seeking opportunities to build and improve the services we provide, and to apply science, engineering, and technology to maximize value and the benefits to our stakeholders.

Program	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22	Budget Change	% Change
Wastewater Treatment	\$ 2,893,126	\$ 3,226,189	\$ 3,023,514	\$ 3,105,747	\$ 3,202,668	\$ 96,921	3.1%
Laboratory Services	564,982	556,331	721,557	689,217	841,210	151,993	22.1%
Ocean Outfall	616,895	606,303	747,279	1,007,168	1,103,408	96,240	9.6%
Cardiff Sanitary Division Pump Stations	213,104	261,648	318,916	342,569	296,008	(46,561)	-13.6%
Encinitas Sanitary Division Pump Stations	142,240	135,258	171,744	187,469	151,184	(36,285)	-19.4%
City of Encinitas Urban and Stormwater Services	30,421	32,951	37,214	32,010	35,048	3,038	9.5%
City of Solana Beach Pump Stations	311,713	473,039	381,214	408,910	418,351	9,441	2.3%
City of Solana Beach Generator Maintenance Services	15,864	7,443	13,474	13,694	14,111	417	3.0%
City of Del Mar Pump Station	28,728	38,663	49,825	52,331	57,425	5,094	9.7%
Recycled Water	1,499,178	1,509,258	1,842,630	1,867,279	1,883,700	16,421	0.9%
Total Operating Costs	<u>\$ 6,316,263</u>	<u>\$ 6,847,085</u>	<u>\$ 7,307,368</u>	<u>\$ 7,706,394</u>	<u>\$ 8,003,113</u>	<u>\$ 296,719</u>	<u>3.9%</u>

For FY 2021-22, the total increase in Operating Costs year-over-year is \$296,719 or 3.9%. The increases are predominately associated with the Wastewater Treatment, Laboratory Services, and Ocean Outfall programs. The increase in the Wastewater Treatment program reflects general cost inflation, as well as for engineering services that are continuing into the next fiscal year. The increase in the Ocean Outfall program is for the cost of the Plume Tracking Study schedule change from prior fiscal year's budget to current fiscal year due to the COVID-19 pandemic, which is offset by revenues from Encina Wastewater Authority (EWA) through a cost sharing agreement. The increases in the Laboratory Services program are driven by new governmental regulations to ensure the required laboratory standards are met and to employ appropriate staffing levels to uphold the integrity of the work performed. In addition, \$35,000 has been budgeted to the PARS Trust for pension management, which will increase the PARS Trust balance to \$362,360. Details of these increases are discussed in each program section.

CAPITAL BUDGET OVERVIEW

The SEJPA Capital Improvement Program (CIP) was developed with consideration for regulatory compliance, risk assessment to prevent system failure, environmental protection, and resource recovery. The projects have been organized into four phases in order to prioritize capital spending, streamline project delivery, minimize community impacts, and reduce cost where possible through economies of scale. As we enter our fifth year of the CIP, we look back and reflect on our recent project successes totaling more than \$17 million in capital investments including:

- **Land Outfall Replacement project** replaced critical regional infrastructure beneath the San Elijo Lagoon, NCTD railroad, Coast Highway 101, and Cardiff State Beach. The project was successfully completed in June 2018 and recognized through multiple awards, including the American Society of Civil Engineers, Award of Excellence.
- **Preliminary Treatment Upgrades & Odor Control Improvements project** was completed in July 2019, replacing and upgrading aging treatment systems while expanding the capacity for peak flows during storm events.
- **Encinitas Ranch Recycled Water Expansion project** built infrastructure to serve the Encinitas Ranch community, two agricultural customers, and City trails. The project began serving recycled water in 2019

and was recognized and awarded the Winner of Excellence Award in the Environmental Stewardship Non-profit Organization category, as part of the City of Encinitas' Environmental Award Program.

- **SCADA and Electrical Upgrade projects** improved the hardware, software, and programming that provides treatment automation and remote system control. Electrical System Improvements included the replacement of Meter Service No. 2 automatic transfer switch, electrical breaker repair and maintenance, replacement of the control panels within the headworks building, and the completion of an arc-flash study on all high voltage equipment at the San Elijo Water Campus in compliance with current National Fire Protection Association codes and standards. Construction and system start-up was completed by mid-2020.

SEJPA is excited for what is ahead as the Water Campus Improvements project construction continues and is expected to be completed in late 2021. The project will modernize our Water Campus and replace aging buildings while providing education, environment, community, and safety benefits. A regional walking and biking path, clean and renewable energy production, stormwater capture, public parking, and safety enhancements for crossing Manchester Avenue are included in the improvements.

DEBT SERVICE OVERVIEW

SEJPA debt service will decrease by \$951,695 or 38.7% compared to prior year, from \$2,460,973 for FY 2020-21 to \$1,509,278 for FY 2021-22. This decrease is due to the net retirement of both the 2011 Refunding Bonds and the State Revolving Fund (SRF) loan and the addition of Solana Beach Pipeline loan for the newly purchased recycled water distribution pipeline to increase sustainability by extending the recycled waterlines in the City of Solana Beach. The zero-interest loan from San Diego Gas and Electric for energy efficiency improvements will remain unchanged with debt paid in full in 2027.

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. 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 is to provide excellent service stands without compromise even in challenging pandemic 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.

Your San Elijo Joint Powers Authority team is pleased to present the Adopted FY 2021-22 Budget.

Respectfully submitted,



Michael T. Thornton, P.E.
General Manager

BOARD RESOLUTION NO. 2021-05

APPROVING THE FY 2021-22 BUDGET

RESOLUTION NO. 2021-05

RESOLUTION APPROVING THE SAN ELIJO JOINT POWERS AUTHORITY OPERATING AND CAPITAL IMPROVEMENT BUDGETS FOR FISCAL YEAR 2021-22

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 2021-22;

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, 2021 through June 30, 2022 and hereby finds that such budgets, as reviewed, are sound plans for the financing of required SEJPA operations and capital improvements during Fiscal Year 2021-22. Such budgets are hereby adopted.

San Elijo JPA Operations and Maintenance Fund	\$ 7,455,638
San Elijo JPA Water Reclamation Operating Fund	2,056,753
San Elijo JPA Capital Projects Fund	2,235,000
Total	<u>\$ 11,747,391</u>

2. The Board of Directors authorizes carrying forward unexpended capital project appropriations and encumbered operating funds for the Fiscal Year 2021-22.
3. The Board of Directors authorizes the SEJPA Treasurer to deposit any surplus FY 2021-22 budgeted funds, meaning appropriated funds that are not expended or otherwise encumbered by June 30, 2022, into the SEJPA PARS Public Agencies Post-Employments Benefits Trust Program.

PASSED AND ADOPTED this 15th day of June, 2021, by the following vote:

Ayes:	Boardmembers:
Noes:	Boardmembers:
Abstained:	Boardmembers:
Absent:	Boardmembers:

DocuSigned by:

Signature: 3FB002CC6A834A7...
Kristi Becker, Chairperson
San Elijo Joint Powers Authority Board of Directors

Attest: Michael
Thornton
Signature: Michael T. Thornton, P.E.
Secretary

Digitally signed by
Michael Thornton
Date: 2021.06.15
15:21:57 -07'00'

SUCSESSES

CREATING LASTING VALUE

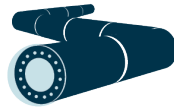


ENGAGING THE Community & Local Schools

to enhance understanding & environmental stewardship

ACTIVELY PURSUING

State & Federal Funding



in support of intelligent planning, designing, & building of water infrastructure

PROMOTING

Industry & University Research



to deliver value to the next generation of water leaders

BUILDING SUSTAINABLE SOLUTIONS



DELIVERED MORE THAN

8.5 billion gallons

of locally produced recycled water since 2001

FOUNDING MEMBER OF THE

North San Diego Water Reuse Coalition



made up of 9 area agencies

ADVANCING FUNDING OPPORTUNITIES FOR

Integrated Regional Recycled Water Projects



LEADING ENVIRONMENTAL STEWARDSHIP



STATE CERTIFIED

Laboratory Services

to protect our environment and public health

CONTINUING TO INVEST IN

Scientific & Technological Education & Training (STET)



PRODUCING

High Quality Water

to protect the San Elijo Lagoon & Pacific Ocean

SEJPA'S STORY

BACKGROUND

Prior to the early 1950s, the communities of Solana Beach and Cardiff-by-the-Sea relied on privately-owned septic systems for wastewater treatment and disposal. As the communities grew, two independent districts were formed—the Cardiff Sanitation District and the Solana Beach Sanitation District—to provide wastewater collection, treatment, and disposal. These districts constructed two independent treatment plants located in the San Elijo Lagoon that supplied basic treatment and discharged directly into the lagoon. Within a decade, it was determined that these treatment plants provided insufficient treatment and that the lagoon water quality was deteriorating.

In 1963, the Cardiff Sanitation District and the Solana Beach Sanitation District created SEJPA under California Government Code Section 6502 to protect public health and the environment. Under this newly formed entity, SEJPA built the San Elijo water pollution control facility and San Elijo ocean outfall (4,000 feet in length) in 1965.

Since that time SEJPA has grown from treating wastewater for ocean disposal to an award-winning recycled water utility that recycled more than 500 million gallons per year.

Our focus is cost-effective solutions to provide highly efficient and reliable water treatment, as well as a viable and sustainable water supply to the local community for many years to come.

Sharing Our Water Story

We take pride in sharing our state-of-the-art operations and offering learning opportunities for area youth. Although the pandemic paused school tours, Staff created a virtual tour video to support distance-learning. In an average year, we host more than 900 students and educators on facility tours focused on our wastewater and recycled water treatment processes.



FUND SUMMARY

	Wastewater Services	Recycled Water	PARS Trust	Capital Projects	Total
Revenues					
Operating	\$ 6,073,556	\$ 3,243,407	\$ -	\$ -	\$ 9,316,963
Capital	-	600,000	-	6,585,000	7,185,000
Debt	1,336,225	-	-	-	1,336,225
Other	45,857	12,000	35,000	120,000	212,857
Total Revenues	<u>\$ 7,455,638</u>	<u>\$ 3,855,407</u>	<u>\$ 35,000</u>	<u>\$ 6,705,000</u>	<u>\$18,051,045</u>
Expenses					
Operating	\$ 6,119,413	\$ 1,883,700	\$ -	\$ -	\$ 8,003,113
Capital	-	1,550,000	-	4,788,871	6,338,871
Debt Service	1,336,225	173,053	-	-	1,509,278
Other	-	-	-	-	-
Total Expenses	<u>\$ 7,455,638</u>	<u>\$ 3,606,753</u>	<u>\$ -</u>	<u>\$ 4,788,871</u>	<u>\$15,851,262</u>
Increase/(Decrease)	<u>\$ -</u>	<u>\$ 248,654</u>	<u>\$ 35,000</u>	<u>\$ 1,916,129</u>	<u>\$ 2,199,783</u>
Fund Balance Beginning of the Year	-	2,860,182	327,360	9,401,036	12,588,578
Fund Balance End of the Year	<u>\$ -</u>	<u>\$ 3,108,836</u>	<u>\$ 362,360</u>	<u>\$11,317,165</u>	<u>\$14,788,361</u>

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

Recycled Water funds operating, capital, and debt services costs in the Recycled Water program. FY 2021-22 capital budget includes \$500,000 improvements to water treatment, storage, and conveyance systems, plus \$1,050, 000 inter-fund loan payback to Wastewater Services fund for the Encinitas Ranch Recycled Water Expansion project.

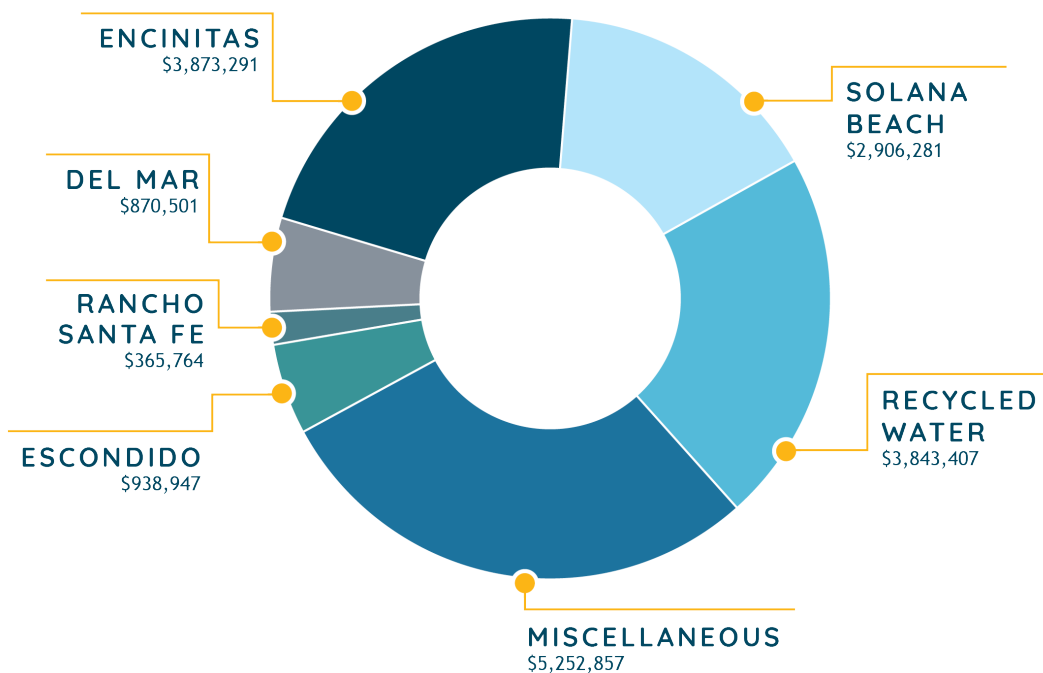
PARS Trust is an irrevocable Section 115 Trust acting as a pension rate stabilization program to prefund employee benefit plan obligations. FY 2021-22 budget includes \$35,000 for PARS Trust for pension management, which will increase the PARS Trust balance to \$362,360.

Capital Projects funds pay-as-you go projects for all projects under Wastewater Services programs. FY 2021-22 capital budget includes \$1,040,000 for Solids Treatment (CIP Phase III), \$120,000 for Ocean Outfall Reserves, \$375,000 for Moonlight Beach Pump Station rehabilitation, and \$200,000 for Miscellaneous Wastewater Treatment projects.

REVENUE SUMMARY

SEJPA's revenue is based on cost of service and miscellaneous revenue sources. Total anticipated increase in Revenue year-over-year is \$5,955,541 or 49.2%. The \$5,000,000 Other Revenue sources include \$150,000 Plume Tracking Study cost share with Encina Wastewater Authority, \$3,800,000 anticipated Caltrans Cooperative Agreement reimbursement related to the Multi-use Bike Path portion of the Water Campus Improvement (WCI) project, and \$1,050,000 inter-fund loan repayment from the Recycled Water fund to the Wastewater Services fund for the Encinitas Ranch Recycled Water Expansion project. Below is a summary of revenue sources shown in table format and in chart format to illustrate the revenue diversity with the agencies we serve.

Revenue Source	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
City of Encinitas	\$ 3,031,182	\$ 3,222,955	\$ 3,561,697	\$ 3,498,218	\$ 3,873,291
City of Solana Beach	2,777,161	2,752,287	2,783,544	2,914,701	2,906,281
City of Del Mar	610,764	744,963	800,370	872,309	870,501
Rancho Santa Fe CSD	323,805	403,545	339,506	415,689	365,764
City of Escondido	764,628	761,529	807,809	979,083	938,947
Laboratory Services	31,936	42,282	40,000	27,300	40,000
Recycled Water	2,660,627	2,932,649	3,213,249	3,213,249	3,843,407
T-Mobile Cell Site Lease	28,283	29,958	29,958	29,958	30,857
Other Revenue	-	45,117	-	-	5,000,000
Interest on Wastewater Operations	50,170	154,561	15,000	15,000	15,000
Interest on Water Reclamation	11,389	34,039	10,000	10,000	12,000
2017 Revenue Bond Interest	154,682	358,826	195,359	120,000	120,000
PARS Trust					35,000
Total Revenue Sources	<u>\$ 10,444,626</u>	<u>\$ 11,482,711</u>	<u>\$ 11,796,491</u>	<u>\$ 12,095,507</u>	<u>\$ 18,051,048</u>



SEJPA Staff Bring Our Mission to Life

SEJPA takes pride in supporting our staff's development and continued certification / education. Recent accomplishments include:



CERTIFICATIONS

Devin McGinness

SWRCB Wastewater Treatment Plant Operator Grade I

Lauren Blackburn

Grade II Distribution Operator

EDUCATION

Eric O'Riley

Pursuing a Bachelors Degree in Environmental Sciences

Jason Simmons

Pursuing a Bachelors Degree in Environmental Engineering

Julia Agustin

Pursuing a Bachelors Degree in Finance

Damon Suda

Pursuing a Bachelors Degree in Accountancy

Amira Andrews

Pursuing a Bachelors in Environmental Engineering

Didra Felix

Pursuing a certificate in Water Studies



Leaders in California

SEJPA is among the leading California wastewater agencies that are dedicated to closing water gaps through innovative solutions. SEJPA recycled more than 500 million gallons last year.

REVENUE BY SOURCE

BASIS FOR REVENUE BY SOURCE

- Wastewater Treatment cost distribution is based on 2020 calendar year average influent flows.
- The Rancho Santa Fe Community Services District (RSF CSD) and Del Mar Credits are based on capacity use agreements between SEJPA, Encinitas, Solana Beach, and RSF CSD; this represents contributions to debt service related to capital improvements.
- Laboratory Service cost distribution is based on previous year average influent flows after outside laboratory services are subtracted.
- Outfall Program cost distribution is based on 2020 calendar year average effluent flows to the outfall.
- Cardiff Sanitary Division and Encinitas Sanitary Division are solely supported by the City of Encinitas.
- Capital projects are based on owned/leased capacity for both the Wastewater Treatment and the Ocean Outfall systems.



Below is a table of the calendar year 2020 average daily influent and effluent, and owned/leased capacity for each member and leasing agency:

Entity	Millions of Gallons Per Day (MGD)			
	Influent	Effluent	Wastewater Treatment Capacity	Outfall Capacity
City of Encinitas	1.280	0.594	2.200	2.250
City of Solana Beach	0.917	0.445	2.200	2.250
Rancho Santa Fe CSD's	0.161	0.076	0.250	0.250
City of Del Mar	0.385	0.171	0.600	0.600
City of Escondido	-	9.932	-	20.150
Total	2.743	11.218	5.250	25.500

Influent and effluent percentages are used to estimate the operating and maintenance costs charged to each member and leasing agency for wastewater services; capacity percentages are used to estimate capital costs charged to each member and leasing agency.

CITY OF ENCINITAS – REVENUE DETAIL

Key contributors to year-over-year budget changes include:

- Wastewater Treatment cost increase due to higher influent flow proportions, as compared to other contributing agencies for calendar year 2020
- Laboratory Services program cost increase due to new accreditation requirements and staffing
- Cardiff Sanitary Division Pump Station cost decrease due to the completion of the electrical safety and arc flash evaluation – National Fire Protection Association (NFPA) requirement every 5 years
- Encinitas Sanitary Division Pump Station cost decrease due to the completion of the electrical safety and arc flash evaluation – NFPA requirement every 5 years
- Retirement of 2011 Refunding Bonds decreased budget
- Capital Projects cost increase for a new capital project to rehabilitate the Moonlight Beach Pump Station

Revenue Source	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Wastewater Treatment	\$ 1,299,376	\$ 1,416,262	\$ 1,410,869	\$ 1,354,306	\$ 1,494,468
Interest Income Credit	(25,085)	(77,362)	(7,500)	(7,500)	(7,500)
RSF CSD Credit 1991 Refunding Bonds	(48,372)	(48,372)	-	(48,372)	-
RSF CSD Credit 2017 Revenue Bonds	(21,495)	(31,852)	(31,898)	(31,898)	(31,815)
Del Mar Credit 2017 Revenue Bonds	(76,444)	(76,444)	(76,556)	(76,556)	(76,356)
Del Mar Pipeline Credit	30,000	30,000	30,000	30,000	30,000
T-Mobile License Income	(14,142)	(14,543)	(14,979)	(14,979)	(15,428)
Other Income Credit	-	(47,871)	-	-	-
Total Wastewater Revenue	\$ 1,143,838	\$ 1,149,818	\$ 1,309,936	\$ 1,205,001	\$ 1,393,369
Laboratory Services	239,411	208,315	318,037	288,638	373,870
Ocean Outfall	40,386	35,947	39,573	59,714	50,489
Cardiff Sanitary Division Pump Stations	213,105	261,648	318,916	342,567	296,008
Encinitas Sanitary Division Pump Station	142,240	135,264	171,744	187,469	151,184
Encinitas Urban and Stormwater Services	30,423	32,951	37,214	32,012	35,048
2011 Refunding Bonds	693,634	60,734	61,710	61,710	-
2017 Revenue Bonds	451,388	668,888	669,863	669,863	668,113
Capital Projects	76,756	669,390	634,704	651,244	905,208
Total Revenue	<u>\$ 3,031,182</u>	<u>\$ 3,222,955</u>	<u>\$ 3,561,697</u>	<u>\$ 3,498,218</u>	<u>\$ 3,873,291</u>

CITY OF SOLANA BEACH – REVENUE DETAIL

Key contributors to year-over-year budget changes include:

- Wastewater Treatment cost decrease due to lower influent flow proportion as compared to other contributing agencies for calendar year 2020
- Laboratory Services program cost increase due to new accreditation requirements and staffing
- Solana Beach Pump Station costs are increasing approximately 2.3% due to general inflation to costs
- Retirement of 2011 Refunding Bonds decreased budget

Revenue Source	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Wastewater Treatment	\$ 1,063,775	\$ 1,168,357	\$ 1,010,991	\$ 1,117,246	\$ 1,070,896
Interest Income Credit	(25,085)	(77,362)	(7,500)	(7,500)	(7,500)
RSF CSD Credit 1991 Refunding Bonds	(48,372)	(48,372)	-	(48,372)	-
RSF CSD Credit 2017 Revenue Bonds	(21,495)	(31,852)	(31,898)	(31,898)	(31,815)
Del Mar Credit 2017 Revenue Bonds	(76,444)	(76,444)	(76,556)	(76,556)	(76,356)
Del Mar Pipeline Credit	30,000	30,000	30,000	30,000	30,000
T-Mobile License Income	(14,142)	(14,543)	(14,979)	(14,979)	(15,428)
Other Income Credit	-	(47,871)	-	-	-
Total Wastewater Revenue	\$ 908,237	\$ 901,913	\$ 910,058	\$ 967,940	\$ 969,797
Laboratory Services	196,002	171,851	227,897	238,114	267,906
Ocean Outfall	32,768	29,030	29,625	48,223	37,796
Solana Beach Pump Stations	304,014	461,532	373,782	398,839	407,644
Solana Beach Urban and Stormwater Services	7,696	11,504	7,432	10,073	10,707
Solana Beach Generator Maintenance Service	15,866	7,445	13,474	13,694	14,111
2011 Refunding Bonds	784,434	60,734	61,710	61,710	-
2017 Revenue Bonds	451,388	668,888	669,863	669,863	668,113
Capital Projects	76,756	439,390	489,704	506,244	530,208
Total Revenue	<u>\$ 2,777,161</u>	<u>\$ 2,752,287</u>	<u>\$ 2,783,544</u>	<u>\$ 2,914,701</u>	<u>\$ 2,906,281</u>

CITY OF DEL MAR – REVENUE DETAIL

Key Contributors to year-over-year budget changes include:

- Wastewater Treatment cost decrease due to lower influent flow proportion as compared to other contributing agencies for calendar year 2020
- Laboratory Services program cost increase due to new accreditation requirements and staffing
- Capital contributions to wastewater and ocean outfall related project for FY 2021-22
- Additional sediment and debris disposal cost from collection system cleaning and pump station wet well cleaning

Revenue Source	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Wastewater Treatment	\$ 385,686	\$ 496,519	\$ 423,849	\$ 474,798	\$ 448,963
Laboratory Services	71,063	73,032	95,543	101,192	112,317
Ocean Outfall	11,625	11,859	11,402	19,700	14,547
Del Mar Pipeline Credit	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)
Del Mar Pump Station	28,728	38,664	49,825	52,331	57,425
2017 Revenue Bonds	152,889	152,889	153,111	153,111	152,711
Capital Projects	20,773	32,000	126,639	131,177	144,538
Total Revenue	<u>\$ 610,764</u>	<u>\$ 744,963</u>	<u>\$ 800,370</u>	<u>\$ 872,309</u>	<u>\$ 870,501</u>

RANCHO SANTA FE COMMUNITY SERVICES DISTRICT – REVENUE DETAIL

Key Contributors to year-over-year budget changes include:

- Wastewater Treatment cost increase due to increase in influent flow proportion as compared to other contributing agencies for calendar year 2020
- Laboratory Services program cost increase due to new accreditation requirements and staffing
- Retirement of 2011 Refunding Bonds decreased budget
- Capital contributions to wastewater and ocean outfall related projects for FY 2021-22

Revenue Source	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Wastewater Treatment	\$ 144,286	\$ 166,689	\$ 177,805	\$ 159,397	\$ 188,341
Laboratory Services	26,585	24,518	40,081	33,972	47,117
Ocean Outfall	4,546	4,288	5,057	7,123	6,452
2011 Refunding Bonds	96,744	96,744	-	96,744	-
2017 Revenue Bonds	42,989	63,704	63,796	63,796	63,630
Capital Projects	8,655	47,602	52,767	54,657	60,224
Total Revenue	<u>\$ 323,805</u>	<u>\$ 403,545</u>	<u>\$ 339,506</u>	<u>\$ 415,689</u>	<u>\$ 365,764</u>

CITY OF ESCONDIDO – REVENUE DETAIL

Key Contributors to year-over-year budget changes include:

- Ocean Outfall program cost increase due to higher Laboratory Services cost and rescheduled Plume Tracking Study work that was postponed due to COVID-19
- Ocean Outfall program cost decrease due to cost sharing of a joint contract for the Plume Tracking Study with Encina Wastewater Authority
- Capital program costs were reduced to help offset operating cost increases

Revenue Source	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Ocean Outfall	\$ 527,569	\$ 525,180	\$ 661,623	\$ 872,407	\$ 844,124
Capital Projects	237,059	236,349	146,186	106,676	94,824
Total Revenue	<u>\$ 764,628</u>	<u>\$ 761,529</u>	<u>\$ 807,809</u>	<u>\$ 979,083</u>	<u>\$ 938,947</u>

LABORATORY SERVICES – REVENUE DETAIL

SEJPA laboratory provides analytical services to the Community Services Districts in Rancho Santa Fe and the Nature Collective. Revenues from these outside contract services are credited to the Member Agencies to reduce the cost of Laboratory Services. The adopted FY 2021-22 budget is based on historic service levels. The analytical service revenues may vary based upon the actual number of samples analyzed.

Revenue Source	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Fairbanks Ranch	\$ 8,144	\$ 10,892	\$ 10,000	\$ 7,000	\$ 10,000
Rancho Santa Fe CSD 1	10,050	12,467	12,000	8,500	12,000
Santa Fe Valley	3,438	6,076	6,000	3,400	6,000
Whispering Palms	10,304	12,847	12,000	8,400	12,000
Total Revenue	<u>\$ 31,936</u>	<u>\$ 42,282</u>	<u>\$ 40,000</u>	<u>\$ 27,300</u>	<u>\$ 40,000</u>

RECYCLED WATER – REVENUE DETAIL

Key Contributors to year-over-year budget changes include:

- Revenue increases due to anticipated SEJPA recycled water rate increase of 3.9% effective July 1, 2021
- Revenue decreases due to anticipated reduced water sales to the 22 Agricultural District through the City of Del Mar
- Revenue increases due to anticipate increased water sales to OMWD
- Revenue increases due to anticipated receipt of grant funding for Encinitas Ranch RW Expansion project

Revenue Source	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Santa Fe Irrigation District	\$ 788,396	\$ 794,852	\$ 893,800	\$ 893,800	\$ 930,846
San Dieguito Water District	499,216	631,997	656,000	656,000	665,848
City of Del Mar	133,936	189,600	196,800	196,800	191,201
Encinitas Ranch Golf Course	269,183	279,952	291,149	291,149	302,794
Olivenhain Municipal Water District	331,796	361,788	369,000	369,000	432,718
Total Customers	\$ 2,022,527	\$ 2,258,189	\$ 2,406,749	\$ 2,406,749	\$ 2,523,407
MWD/CWA Incentives	638,100	674,460	706,500	706,500	720,000
IRWM Grant	-	-	100,000	100,000	600,000
Total Revenue	\$ 2,660,627	\$ 2,932,649	\$ 3,213,249	\$ 3,213,249	\$ 3,843,407



SEJPA Continues to Promote Sustainable Water Practices

We continue to expand our recycled water services—most recently adding the Encinitas Ranch community, Foxpoint Farms, Encinitas hiking trails, and local greenways.

COST SUMMARY

	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Operating Cost					
Personnel	\$ 3,093,505	\$ 3,830,034	\$ 3,462,363	\$ 3,459,455	\$ 3,724,190
Supplies and Services	3,148,507	2,945,034	3,717,144	3,956,211	4,023,023
Capital Outlay	74,263	72,021	127,870	126,500	96,900
Contingency	-	-	-	164,228	159,000
Total Operating Cost	\$ 6,316,275	\$ 6,847,089	\$ 7,307,377	\$ 7,706,394	\$ 8,003,113
Capital Costs	2,295,000	1,672,427	1,730,000	1,730,000	2,235,000
Total Operating and Capital Costs	\$ 8,611,275	\$ 8,519,516	\$ 9,037,377	\$ 9,436,394	\$ 10,238,113
Debt Service					
State Revolving Fund	\$ 834,675	\$ 834,675	\$ 834,675	\$ 834,675	\$ -
2011 Refunding Bonds	1,478,068	121,468	123,420	123,420	-
Advanced Water Purification	148,153	148,153	148,153	148,153	148,153
SFID Pipeline Loan	13,102	11,321	15,000	15,000	15,000
2017 Revenue Bonds	902,775	1,337,775	1,339,725	1,339,725	1,336,225
Solana Beach Pipeline Loan			36,900		9,900
Total Debt Service	\$ 3,376,773	\$ 2,453,392	\$ 2,497,873	\$ 2,460,973	\$ 1,509,278
Total Costs	\$ 11,988,048	\$ 10,972,908	\$ 11,535,250	\$ 11,897,367	\$ 11,747,391

Building Lasting Partnerships to Serve Our Environment

Our strong working relationships with the Nature Collective and San Diego County have been beneficial to the health and conservation of the San Elijo Lagoon Ecological Reserve and Regional Park.



COST DETAIL

	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22	% Change
Operating Cost						
Personnel						
Direct Salaries and Wages	\$ 2,197,967	\$ 2,321,361	\$ 2,362,352	\$ 2,389,694	\$ 2,511,634	5.1%
FICA Tax	122	994	1,674	1,340	3,032	126.3%
Medicare Tax	33,316	33,949	37,107	33,521	37,408	11.6%
State Unemployment Tax	5,452	4,119	4,805	9,983	10,850	8.7%
Standby Pay	14,082	16,887	18,485	17,308	18,000	4.0%
Overtime Pay	44,849	39,791	76,749	42,700	47,984	12.4%
Dental/Vision	25,304	24,678	21,072	28,705	28,721	0.1%
Employee Assistance Program	742	678	1,259	4,102	4,100	0.0%
Life Insurance/Disability	13,918	14,013	16,969	18,927	20,042	5.9%
Workers Comp. Insurance	37,762	61,149	42,252	48,874	51,319	5.0%
Medical Insurance - Pers	263,684	250,087	266,561	283,016	289,556	2.3%
Retirement Plan - CalPERS & PARS Trust	359,130	964,734	509,254	466,021	573,512	23.1%
Deferred Comp-employer	81,008	81,667	87,212	97,168	108,431	11.6%
Uniforms - Boots	2,870	2,971	4,538	4,599	5,002	8.8%
Payroll Processing Fees	10,599	11,120	12,074	11,002	12,100	10.0%
Other Personnel Costs	2,700	1,836	-	2,498	2,499	0.0%
	<u>\$ 3,093,505</u>	<u>\$ 3,830,034</u>	<u>\$ 3,462,363</u>	<u>\$ 3,459,458</u>	<u>\$ 3,724,190</u>	<u>7.7%</u>
Supplies and Services						
Advertising	\$ 2,840	\$ 1,621	\$ 980	\$ 4,305	\$ 4,305	0.0%
Bank Service Charges	7,338	6,842	7,334	8,300	8,300	0.0%
Board Expense	386	881	576	300	2,720	806.7%
Dues & Memberships	23,141	33,027	24,857	28,000	28,000	0.0%
Equipment Rental/Lease	50,529	30,218	9,630	12,900	12,900	0.0%
Fees - Disposal	830	579	822	1,000	1,000	0.0%
Fees - Permits	40,532	67,969	69,027	67,900	74,100	9.1%
Fines	1,350	-	22	-	-	-
Fuel	10,870	17,609	13,140	13,999	13,999	0.0%
Insurance - Liability	32,135	82,360	38,596	40,703	44,386	9.0%
Insurance - Auto	-	800	302	1,127	371	-67.1%
Insurance - Property	31,089	21,297	45,181	53,077	62,826	18.4%
Licenses	28,295	25,004	44,487	55,003	55,003	0.0%
Minor Equip - Shop & Field	14,255	45,441	16,915	20,000	18,400	-8.0%
Miscellaneous	26,344	15,491	6,901	-	3,000	-
Postage/Shipping	2,380	2,536	1,583	2,525	2,525	0.0%
Preemployment Screening	203	444	833	700	700	0.0%
Printing	183	1,256	1,871	1,400	1,400	0.0%
Rent	99,472	104,255	120,856	101,201	117,113	15.7%
Repair Parts Expense	213,972	170,818	194,885	200,600	203,900	1.6%
Retrofit Expenses	-	-	105,000	105,000	105,000	0.0%
Seminars/Education	13,578	3,256	3,947	15,000	15,000	0.0%
Services - Accounting	22,000	28,800	26,100	27,300	33,000	20.9%
Services - Alarm	15,660	8,654	10,517	11,650	11,650	0.0%
Services - Biosolids Hauling	197,362	206,769	211,826	216,000	205,000	-5.1%

Cost detail continued on next page.

Cost Detail Continued

	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22	% Change
Operating Cost						
Services - Engineering	\$ 202,794	\$ 130,792	\$ 327,505	\$ 590,500	\$ 500,000	-15.3%
Services - Fire Control	13,000	33,261	6,131	8,000	8,000	0.0%
Services - Grease & Scum	17,257	15,040	26,332	29,900	20,000	-33.1%
Services - Grit & Screenings	49,017	42,688	47,883	45,000	42,900	-4.7%
Services - Janitorial	11,955	16,885	14,000	15,000	15,450	3.0%
Services - Laboratory	42,292	38,146	40,462	44,000	44,000	0.0%
Services - Landscape	62,871	34,167	46,474	55,000	55,000	0.0%
Services - Legal	52,309	55,985	46,650	71,200	71,200	0.0%
Services - Lobbying	14,432	10,442	29,788	17,800	17,800	0.0%
Services - Maintenance	149,227	98,069	129,965	85,350	101,650	19.1%
Services - Medical	2,038	1,577	14,606	2,160	8,160	277.8%
Services - Other	46	52	84	1,600	1,600	0.0%
Services - Professional	233,844	105,362	261,691	180,000	239,000	32.8%
Services - Temp	105,437	98,325	86,550	71,000	109,800	54.6%
Services - IT/GIS Support	33,736	48,751	101,347	114,502	117,935	3.0%
Services - EWA Support	14,368	14,572	18,580	19,580	19,580	0.0%
Services - Contractors	36,940	81,960	74,062	97,000	97,000	0.0%
Services - Testing	26	-	-	1,000	1,000	0.0%
Services - Uniforms	6,792	6,586	11,229	11,002	11,002	0.0%
Subscription	59	949	2,011	1,000	1,000	0.0%
Subsistence - Meals	2,081	759	-	2,720	2,720	0.0%
Subsistence - Travel/Rm & Bd	13,078	1,154	2,000	9,600	9,600	0.0%
Supplies - Chem - Ferrous Chlo	73,860	83,955	80,330	78,000	80,000	2.6%
Supplies - Chem - Odor	73,188	52,522	106,947	120,000	108,000	-10.0%
Supplies - Chem - Polymer	73,693	80,888	74,616	75,000	75,000	0.0%
Supplies - Chem - Sodium Hypo	46,811	61,576	91,082	80,000	80,000	0.0%
Supplies - Chemicals	63,286	50,045	49,167	69,800	69,800	0.0%
Supplies - Janitorial	2,533	2,936	4,684	3,050	3,050	0.0%
Supplies - Lab	60,676	91,633	85,687	57,500	88,000	53.0%
Supplies - Office	17,013	16,188	13,613	14,515	14,515	0.0%
Supplies - Safety	14,977	15,062	7,522	11,200	11,200	0.0%
Supplies - Shop & Field	19,625	14,556	24,927	22,005	22,005	0.0%
Training	2,581	-	7,422	15,315	15,315	0.0%
Training - Safety	3,390	2,795	4,786	9,655	9,655	0.0%
Utilities - Gas & Electric	710,385	664,516	778,850	807,400	815,900	1.1%
Utilities - Internet	4,581	5,181	6,394	5,325	5,325	0.0%
Utilities - Telephone	29,103	36,810	28,687	32,890	32,890	0.0%
Utilities - Trash	2,913	3,075	3,182	3,000	3,200	6.7%
Utilities - Water	26,963	26,069	88,984	62,450	41,950	-32.8%
Utilities - Water (Suppl.)	13,449	20,267	-	16,000	16,000	0.0%
Vehicle Maintenance	11,137	5,511	16,726	12,220	12,220	0.0%
	<u>\$ 3,148,507</u>	<u>\$ 2,945,034</u>	<u>\$ 3,717,144</u>	<u>\$ 3,956,229</u>	<u>\$ 4,023,022</u>	<u>1.7%</u>
Capital Outlay	\$ 74,263	\$ 72,021	\$ 127,870	\$ 126,500	\$ 96,900	-23.4%
Contingency	-	-	-	164,230	159,000	-3.2%
Total Operating Cost	<u>\$ 6,316,275</u>	<u>\$ 6,847,089</u>	<u>\$ 7,307,377</u>	<u>\$ 7,706,417</u>	<u>\$ 8,003,112</u>	<u>3.8%</u>

COST DETAIL BY PROGRAM



PROMOTING PUBLIC CONFIDENCE THROUGH RELIABLE WATER QUALITY

The laboratory located at the San Elijo Water Campus is made up of a team of talented staff that achieve the highest water quality standards. SEJPA added additional staff to meet new California standards for Environmental Laboratory Accreditation Program requirements and continue to exceed water quality standards.

STAFF ALLOCATION

Staff time is budgeted 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 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Wastewater Treatment	45.9%	45.9%	38.8%	39.6%	37.2%
Laboratory Services	14.0%	12.7%	17.2%	15.4%	17.2%
Ocean Outfall	10.2%	10.3%	11.4%	11.5%	13.4%
Cardiff Sanitation District Pump Stations	4.1%	3.7%	4.5%	4.5%	4.4%
Encinitas Sanitation District Pump Station	1.5%	1.8%	2.1%	2.1%	2.1%
Encinitas Urban and Stormwater Services	0.6%	0.6%	0.7%	0.7%	0.7%
Solana Beach Pump Stations	4.6%	6.2%	6.0%	6.1%	5.9%
Solana Beach Urban and Stormwater Services	0.2%	0.2%	0.2%	0.2%	0.2%
Del Mar Pump Station	0.6%	1.0%	1.1%	1.1%	1.1%
Recycled Water	18.3%	17.6%	18.0%	18.8%	17.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

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 a contractor to a privately-operated land application site in Arizona for beneficial reuse.

2020-21 ESTIMATED ACTUAL EXPENDITURES

Wastewater Treatment Supplies and Services are projected to end the year at budget. This is due to a combination of multiple variances consisting of the following:

Expenditure Description	Over/(Under) Budget	Explanation
Miscellaneous	\$6,901	COVID-19 sanitizing supplies not budgeted
Services – Engineering	19,041	Additional engineering services required related to painting and coatings, operation plan update, and stormwater diversion grants
Services – Laboratory (Outsource)	(5,000)	Services required less than anticipated
Services – Maintenance	23,211	Services required more than anticipated
Services – Medical	10,020	Employee COVID-19 tests not budgeted
Services – Temp	5,835	Staffing coverage during COVID-19 pandemic
Subsistence – Travel/Rm & Bd	(5,000)	Traveling restrictions due to COVID-19 pandemic
Supplies – Safety	(5,412)	Demand less than anticipated
Utilities – Gas & Electric	(9,992)	Electricity demand lower than anticipated
All Others	(37,995)	
Total Supplies and Services Change	\$1,609	

FY 2021-22 ADOPTED BUDGET

Overall, the Wastewater Treatment operating budget is proposed to increase by \$96,920 or 3.1% from the prior year's budget. Personnel expense is planned to increase \$17,078 or 1.2% over FY 2020-21 Budget. Supplies and Services is planned to increase by \$78,142 or 4.8%. Other expenses have been adjusted from prior year's budget based on providing the required level of service. Contingency funding has been set at \$76,000 which is 4.5% of the budgeted Supplies and Services costs. This provides funding for unplanned additional expense impacting the Wastewater Program. The year over year variance is due to a combination of the following:

Expenditure Description	Increase/(Decrease) Year over Year	Explanation
Services – Biosolids Hauling	(11,000)	Adjusted based on contract rate and estimated volume of biosolids
Services – Engineering	71,250	Engineering services not completed in prior fiscal year
Services – Grease & Scum	(5,000)	Adjust down to actual expenses
Services – Laboratory (Outsource)	(5,000)	Adjust down due to one-time testing completed
Services – Maintenance	12,000	Anticipated maintenance based on asset management
Services – Medical	6,000	Anticipate employee COVID-19 test expenses
Services – Professional	17,250	Various professional services for the year
Services – Temp	(9,452)	Services required less than anticipated
Supplies – Chem – Odor	(12,000)	Demand less than anticipated
Utilities – Gas & Electric	14,000	Anticipate rate increase
Utilities – Water	(20,000)	Adjust down to actual expense, decreased landscape irrigation needs
All Others	20,094	
Total Supplies and Services Change	\$78,142	

MAINTAINING A TRACK RECORD OF SUCCESS

SEJPA's compliance and safety records are among the best in the industry. In 2020, all compliance requirements were met and the agency incurred zero missed work days due to injury. SEJPA was recognized by CWEA as the Safety Plant of the Year and awarded the 2020 CSRMA Workers' Compensation Excellence Award for our injury prevention and safety programs.



Wastewater Treatment Cost Summary

	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Operating Cost					
Personnel	\$ 1,424,475	\$ 1,805,300	\$ 1,379,645	\$ 1,391,059	\$ 1,408,137
Supplies and Services	1,420,916	1,374,426	1,615,999	1,614,389	1,692,531
Capital Outlay	47,755	46,463	27,870	25,000	26,000
Contingency	-	-	-	75,300	76,000
Total Operating Cost	\$ 2,893,146	\$ 3,226,189	\$ 3,023,514	\$ 3,105,748	\$ 3,202,668
Capital Costs	120,000	948,177	1,070,000	1,070,000	1,240,000
Total Operating and Capital Costs	\$ 3,013,146	\$ 4,174,366	\$ 4,093,514	\$ 4,175,748	\$ 4,442,668
Debt Service					
2011 Refunding Bonds	\$ 1,478,068	\$ 121,468	\$ 123,420	\$ 123,420	\$ -
2017 Revenue Bonds	902,775	1,337,775	1,339,725	1,339,725	1,336,225
Total Debt Service	\$ 2,380,843	\$ 1,459,243	\$ 1,463,145	\$ 1,463,145	\$ 1,336,225
Total Costs	\$ 5,393,989	\$ 5,633,609	\$ 5,556,659	\$ 5,638,893	\$ 5,778,893

In 1965, SEJPA began providing wastewater treatment and disposal services. Today, the agency recycles and reuses the majority of the wastewater it receives, which protects the environment and makes efficient use of our natural resources.



Wastewater Treatment Operating Cost Detail

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Personnel					
Direct Salaries and Wages	\$ 1,009,717	\$ 1,067,665	\$ 919,999	\$ 948,695	\$ 936,000
FICA Tax	-	89	188	-	-
Medicare Tax	15,317	15,262	16,323	13,884	14,562
State Unemployment Tax	3,155	2,166	2,279	4,134	4,224
Standby Pay	7,503	8,706	9,152	9,254	9,624
Overtime Pay	19,676	14,808	31,014	15,448	17,361
Dental/Vision	11,782	11,042	8,738	11,889	11,180
Employee Assistance Program	638	678	522	1,698	1,596
Life Insurance/Disability	6,444	6,280	7,037	7,838	7,802
Workers Comp. Insurance	17,364	27,303	17,522	20,242	19,977
Medical Insurance - Pers	121,954	111,999	110,543	117,220	112,717
Retirement Plan - CalPERS & PARS Trust	166,098	496,091	211,261	193,016	223,255
Deferred Comp-employer	37,484	36,073	38,162	40,245	42,210
Uniforms - Boots	1,334	1,327	1,896	1,905	1,946
Payroll Processing Fees	4,902	4,966	5,007	4,556	4,710
Other Personnel Costs	1,107	845	-	1,035	973
	<u>\$ 1,424,475</u>	<u>\$ 1,805,300</u>	<u>\$ 1,379,645</u>	<u>\$ 1,391,059</u>	<u>\$ 1,408,137</u>

Cost detail continued on next page.

Wastewater Treatment Operating Cost Detail Continued

	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Operating Cost					
Supplies and Services					
Advertising	\$ 1,262	\$ 1,621	\$ -	\$ 1,857	\$ 1,857
Bank Service Charges	7,338	6,842	7,334	8,300	8,300
Board Expense	386	881	288	150	1,360
Dues & Memberships	13,481	12,600	11,648	14,500	14,500
Equipment Rental/Lease	34,104	23,417	8,630	11,900	11,900
Fees - Disposal	830	518	216	1,000	1,000
Fees - Permits	29,996	34,211	32,141	31,400	35,000
Fines	-	-	22	-	-
Fuel	5,040	10,593	6,481	5,954	5,954
Insurance - Liability	16,067	41,618	21,658	22,573	24,907
Insurance - Auto	-	-	83	432	96
Insurance - Property	15,545	8,149	23,547	27,971	32,767
Licenses	6,762	-	23,458	23,748	23,748
Minor Equip - Shop & Field	11,141	31,716	9,954	10,600	9,000
Miscellaneous	3,133	15,328	6,901	-	3,000
Postage/Shipping	1,217	1,380	724	1,550	975
Preemployment Screening	94	198	359	302	302
Printing	138	538	895	750	750
Rent	1,179	1,203	570	518	518
Repair Parts Expense	120,139	94,135	110,426	115,000	115,000
Seminars/Education	6,259	2,578	2,552	5,000	5,000
Services - Accounting	11,000	14,400	12,758	13,650	16,500
Services - Alarm	5,082	1,298	2,130	2,500	2,500
Services - Biosolids Hauling	197,362	206,769	211,826	216,000	205,000
Services - Engineering	63,064	72,111	79,041	60,000	131,250
Services - Fire Control	13,000	33,261	6,131	6,000	6,000
Services - Grease & Scum	17,257	15,040	25,432	25,000	20,000
Services - Grit & Screenings	22,521	21,994	20,500	21,000	23,000
Services - Janitorial	11,955	15,820	14,000	13,500	13,905
Services - Laboratory (Outsource)	2,790	-	4,000	9,000	4,000
Services - Landscape	62,031	33,176	46,474	49,000	49,000
Services - Legal	31,500	50,461	41,191	43,000	43,000
Services - Maintenance	60,026	47,519	56,211	33,000	45,000
Services - Medical	986	410	11,020	1,000	7,000
Services - Other	14	43	24	300	300
Services - Professional	34,856	6,458	54,046	50,000	67,250
Services - Temp	47,927	53,603	43,835	38,000	28,548
Services - IT/GIS Support	14,678	-	56,610	56,984	58,694
Services - EWA Support	6,810	5,970	8,200	8,200	8,200
Services - Contractors	5,730	13,209	49,892	50,000	50,000
Services - Testing	-	-	-	1,000	1,000
Services - Uniforms	3,142	2,947	4,839	4,750	4,750
Subscriptions	59	833	1,006	900	900
Subsistence - Meals	1,408	548	-	1,500	1,500
Subsistence - Travel/Rm & Bd	7,527	967	1,000	6,000	6,000
Supplies - Chem - Ferrous Chlo	73,860	83,955	80,330	78,000	80,000
Supplies - Chem - Odor	21,455	16,088	30,981	32,000	20,000
Supplies - Chem - Polymer	69,969	79,646	71,639	72,000	72,000
Supplies - Chem - Sodium Hypo	-	7,203	18,074	20,000	20,000
Supplies - Chemicals	3,628	1,570	4,090	4,500	4,500
Supplies - Janitorial	2,533	2,936	4,684	2,800	2,800
Supplies - Lab	3,280	2,456	1,555	4,500	3,000
Supplies - Office	12,359	13,747	10,359	11,000	11,000
Supplies - Safety	12,270	12,574	2,888	8,300	8,300
Supplies - Shop & Field	16,561	13,810	17,243	17,500	17,500
Training	1,331	-	5,008	6,500	6,500
Training - Safety	1,635	2,557	3,854	4,300	4,300
Utilities - Gas & Electric	260,723	205,897	270,008	280,000	294,000
Utilities - Internet	1,973	2,500	2,760	2,500	2,500
Utilities - Telephone	14,937	18,491	15,058	17,000	17,000
Utilities - Trash	2,913	3,075	3,182	3,000	3,200
Utilities - Water	22,923	21,143	49,984	50,000	30,000
Vehicle Maintenance	3,730	2,415	6,249	6,700	6,700
	<u>\$ 1,420,916</u>	<u>\$ 1,374,426</u>	<u>\$ 1,615,999</u>	<u>\$ 1,614,389</u>	<u>\$ 1,692,531</u>
Capital Outlay	\$ 47,755	\$ 46,463	\$ 27,870	\$ 25,000	\$ 26,000
Contingency	-	-	-	75,300	76,000
Total Operating Cost	<u>\$ 2,893,146</u>	<u>\$ 3,226,189</u>	<u>\$ 3,023,514</u>	<u>\$ 3,105,748</u>	<u>\$ 3,202,668</u>

LABORATORY SERVICES

PROGRAM DESCRIPTION

The laboratory located at the San Elijo Water Campus provides analytical services for SEJPA's Wastewater and Recycled Water Programs as well as to other entities through contract agreements. The FY 2021-22 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 Lagoon Conservancy).

FY 2020-21 ESTIMATED ACTUAL EXPENDITURES

Laboratory Services are expected to be approximately \$32,340 or 4.7% over budget. Personnel expenses are estimated to be over budget by \$41,779 or 7.8% as the result of employing appropriate staffing level to uphold the integrity of work performed to comply with Environmental Laboratory Accreditation Program (ELAP) regulatory changes.

FY 2021-22 ADOPTED BUDGET

The Laboratory Services budget for FY 2021-22 will be \$151,993 or 22.1% higher than last year's budgeted level. Personnel expense will increase \$104,878 or 19.5%. Supplies and Services will increase \$49,815 or 38.1%. Both increases are due to Environmental Laboratory Accreditation Program (ELAP) compliance, which includes specialized supplies and equipment and additional staffing to uphold the integrity of the work performed. Contingency funding decreased to \$5,000, which is approximately 2.8% of the budgeted Supplies and Services expense.

Laboratory Cost Summary

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Personnel	\$ 428,381	\$ 419,700	\$ 578,690	\$ 536,910	\$ 641,788
Supplies and Services	127,388	135,554	129,867	130,707	180,522
Capital Outlay	9,213	1,077	13,000	13,900	13,900
Contingency	-	-	-	7,700	5,000
Total Operating Cost	<u>\$ 564,982</u>	<u>\$ 556,331</u>	<u>\$ 721,557</u>	<u>\$ 689,217</u>	<u>\$ 841,210</u>

Laboratory Operating Cost Detail

	Actual	Actual	Estimated	Adopted	Adopted
Operating Cost	2018-19	2019-20	Actual 2020-21	Budget 2020-21	Budget 2021-22
Personnel					
Direct Salaries and Wages	\$ 307,435	\$ 294,458	\$ 406,679	\$ 367,200	\$ 432,577
FICA Tax	100	806	1,292	1,340	3,029
Medicare Tax	4,697	4,371	5,503	5,452	6,584
State Unemployment Tax	753	621	860	1,623	1,910
Overtime Pay	10,123	5,863	9,260	4,374	4,916
Dental/Vision	3,321	3,305	3,430	4,668	5,055
Employee Assistance Program	-	-	205	667	722
Life Insurance/Disability	1,842	1,870	2,763	3,078	3,528
Workers Comp. Insurance	5,341	8,170	6,879	7,948	9,032
Medical Insurance - Pers	34,806	33,426	43,396	46,026	50,962
Retirement Plan - CalPERS & PARS Trust	47,405	54,041	82,936	75,788	100,939
Deferred Comp-employer	10,451	10,706	12,813	15,802	19,084
Uniforms - Boots	354	397	708	748	880
Payroll Processing Fees	1,399	1,486	1,966	1,789	2,130
Other Personnel Costs	354	180	-	407	440
	<u>\$ 428,381</u>	<u>\$ 419,700</u>	<u>\$ 578,690</u>	<u>\$ 536,910</u>	<u>\$ 641,788</u>
Supplies and Services					
Advertising	\$ 26	\$ -	\$ 980	\$ 730	\$ 730
Dues & Memberships	397	638	655	600	600
Fees - Disposal	-	60	606	-	-
Fees - Permits	5,294	6,352	6,352	6,500	6,500
Fuel	285	212	185	329	329
Insurance - Liability	-	-	1,550	1,907	1,782
Insurance - Auto	-	-	33	170	38
Insurance - Property	-	-	3,686	4,028	5,102
Licenses	532	-	5,288	9,334	9,334
Minor Equip - Shop & Field	2,025	4,142	316	1,200	1,200
Postage/Shipping	489	805	638	400	975
Preemployment Screening	27	59	141	119	119
Printing	7	307	292	160	160
Rent	-	-	185	204	204
Repair Parts Expense	2,288	1,422	1,956	2,000	2,000
Seminars/Education	-	-	658	3,000	3,000
Services - Janitorial	-	1,065	-	1,500	1,545
Services - Laboratory	32,914	28,585	32,528	30,000	35,000
Services - Legal	-	207	-	200	200
Services - Maintenance	728	5,448	8,151	2,000	5,000
Services - Alarm	-	-	-	335	335
Services - Medical	238	718	952	300	300
Services - Other	7	2	-	1,000	1,000
Services - Professional	30,516	20,601	-	10,000	10,000
Services - Temp	9,836	12,342	12,960	5,000	35,136
Services - EWA Support	1,315	2,078	1,400	2,400	2,400
Services - Uniforms	897	879	1,902	1,867	1,867
Services - IT/GIS Support	4,189	9,456	7,967	8,074	8,316
Subsistence - Meals	100	75	-	300	300
Subsistence - Travel/Rm & Bd	-	-	-	500	500
Supplies - Laboratory	24,527	34,125	31,052	25,000	35,000
Supplies - Office	2,899	2,428	1,176	2,000	2,000
Supplies - Safety	826	780	1,703	800	800
Supplies - Shop & Field	52	-	1,832	600	600
Supplies - Janitorial	-	-	-	250	250
Training	-	-	1,400	2,000	2,000
Training - Safety	211	-	278	1,500	1,500
Utilities - Internet	563	572	1,085	700	700
Utilities - Telephone	1,373	1,728	1,810	1,700	1,700
Vehicle Maintenance	4,827	468	150	2,000	2,000
	<u>\$ 127,388</u>	<u>\$ 135,554</u>	<u>\$ 129,867</u>	<u>\$ 130,707</u>	<u>\$ 180,522</u>
Capital Outlay	\$ 9,213	\$ 1,077	\$ 13,000	\$ 13,900	\$ 13,900
Contingency	-	-	-	7,700	5,000
Total Operating Cost	<u>\$ 564,982</u>	<u>\$ 556,331</u>	<u>\$ 721,557</u>	<u>\$ 689,217</u>	<u>\$ 841,210</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 2020-21 ESTIMATED ACTUAL EXPENDITURES

The Ocean Outfall Program is expected to be under budget this year by \$259,889 or 25.8%. Personnel costs are projected to be \$1,161 or 0.3% under budget. Supplies and Services are projected to be \$226,928 or 39.2% under budget due to unspent funding for the plume tracking study. Unspent Plume Tracking Study budget will be carried forward to the FY 2021-22 budget. The contractor plans to complete the first deployment for data collection in late summer 2021.

FY 2021-22 ADOPTED BUDGET

The Ocean Outfall Program budget for FY 2021-22 will increase \$96,240 or 9.6%. Personnel costs are expected to increase \$99,611 or 25.9%. Supplies and Services are expected to increase \$12,429 or 2.1%. This significant increase is a result of a planned ocean outfall plume tracking study, required by the California Regional Water Quality Control Board. The City of Escondido, SEJPA, and Encina Wastewater Authority are collaborating on this research effort. Contingency funding decreased to \$25,000, which is approximately 4.2% of the budgeted Supplies and Services costs. This provides funding for unforeseen events or repairs for facilities within the Ocean Outfall Program.



ACHIEVING HIGH STANDARDS FOR ASSET MAINTENANCE

SEJPA's award winning Land Outfall project underwent its first Integrity Report concluding that the ocean outfall is in excellent overall condition, with no signs of corrosion, deteriorating conditions, or concerns of the pipe's integrity.

Ocean Outfall Cost Summary

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Personnel	\$ 307,447	\$ 336,000	\$ 382,988	\$ 384,149	\$ 483,760
Supplies and Services	307,224	263,714	352,291	579,219	591,648
Capital Outlay	2,224	6,589	12,000	12,600	3,000
Contingency	-	-	-	31,200	25,000
Total Operating Cost	\$ 616,895	\$ 606,303	\$ 747,279	\$ 1,007,168	\$ 1,103,408
Capital Costs	300,000	288,800	185,000	185,000	120,000
Total Costs	<u>\$ 916,895</u>	<u>\$ 895,103</u>	<u>\$ 932,279</u>	<u>\$ 1,192,168</u>	<u>\$ 1,223,408</u>

Ocean Outfall Operating Cost Detail

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Personnel					
Direct Salaries and Wages	\$ 223,258	\$ 238,153	\$ 269,605	\$ 273,837	\$ 337,366
FICA Tax	21	24	48	-	-
Medicare Tax	3,328	3,642	3,867	3,531	4,644
State Unemployment Tax	370	398	476	1,052	1,347
Standby Pay	1,560	2,013	2,327	1,908	1,984
Overtime Pay	1,926	3,594	5,269	2,176	2,446
Dental/Vision	2,420	2,532	2,221	3,024	3,565
Employee Assistance Program	-	-	133	432	509
Life Insurance/Disability	1,332	1,436	1,789	1,994	2,488
Workers Comp. Insurance	3,352	6,311	4,453	5,148	6,371
Medical Insurance - Pers	25,366	25,645	28,096	29,813	35,947
Retirement Plan - CalPERS & PARS Trust	34,548	41,685	53,651	49,091	71,199
Deferred Comp-employer	8,333	8,913	9,298	10,236	13,461
Uniforms - Boots	295	307	482	485	621
Payroll Processing Fees	1,020	1,148	1,273	1,159	1,502
Other Personnel Costs	318	199	-	263	310
	<u>\$ 307,447</u>	<u>\$ 336,000</u>	<u>\$ 382,988</u>	<u>\$ 384,149</u>	<u>\$ 483,760</u>

Cost detail continued on next page.

Ocean Outfall Operating Cost Detail Continued

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
<u>Supplies and Services</u>					
Advertising	\$ 84	\$ -	\$ -	\$ 429	\$ 429
Board Expense	-	-	117	60	544
Dues & Memberships	2,706	11,327	4,887	5,100	5,100
Fees - Permits	2,122	2,334	1,937	1,400	2,000
Fuel	865	937	908	997	997
Insurance - Liability	6,427	6,234	3,848	4,057	4,425
Insurance - Auto	-	-	19	100	22
Insurance - Property	6,218	8,859	4,515	5,303	6,279
Licenses	12,290	5,157	5,108	5,482	5,482
Postage/Shipping	224	152	47	100	100
Preemployment Screening	20	46	83	70	70
Printing	5	101	171	110	110
Rent	-	-	109	120	120
Repair Parts Expense	1,225	3,140	1,992	2,000	2,000
Seminars/Education	178	119	1,057	1,100	1,100
Minor Equip - Shop & Field	-	1,265	3,515	4,000	4,000
Services - Accounting	4,400	5,760	5,453	5,460	6,600
Services - Engineering	68,871	57,091	50,000	312,500	300,000
Services - Landscape	-	991	-	1,000	1,000
Services - Laboratory	3,330	1,217	-	-	-
Services - Legal	9,760	1,907	992	5,000	5,000
Services - Maintenance	20,110	1,231	-	2,000	2,000
Services - Medical	193	110	559	200	200
Services - Other	18	2	-	-	-
Services - Professional	43,757	57,376	113,848	81,600	77,400
Services - IT/GIS Support	3,053	7,929	9,381	10,615	10,933
Services - Contractors	9,000	27,865	24,170	27,000	27,000
Services - Temp	18,777	10,645	11,901	5,200	21,521
Services - Uniforms	653	677	1,133	1,096	1,096
Services - Alarm	1,099	-	-	300	300
Services - EWA Support	1,839	1,600	2,000	2,000	2,000
Subscriptions	-	46	402	50	50
Subsistence - Meals	93	56	-	20	20
Subsistence - Travel/Rm & Bd	956	57	-	100	100
Supplies - Lab	30,281	45,264	39,762	25,000	40,000
Supplies - Office	545	-	552	300	300
Supplies - Safety	396	444	279	350	350
Supplies - Shop & Field	436	-	1,076	400	400
Training	-	-	1,003	1,500	1,500
Training - Safety	512	-	164	900	900
Utilities - Gas & Electric	55,004	1,485	58,077	64,000	58,000
Utilities - Internet	410	440	638	500	500
Utilities - Telephone	1,001	1,334	1,064	1,200	1,200
Vehicle Maintenance	366	516	1,524	500	500
	<u>\$ 307,224</u>	<u>\$ 263,714</u>	<u>\$ 352,291</u>	<u>\$ 579,219</u>	<u>\$ 591,648</u>
Capital Outlay	\$ 2,224	\$ 6,589	\$ 12,000	\$ 12,600	\$ 3,000
Contingency	-	-	-	31,200	25,000
Total Operating Cost	<u>\$ 616,895</u>	<u>\$ 606,303</u>	<u>\$ 747,279</u>	<u>\$ 1,007,168</u>	<u>\$ 1,103,408</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 2020-21 ESTIMATED ACTUAL EXPENDITURES

The CSD Pump Stations are expected to be \$23,654 under budget, or 6.9%. Both Personnel expense and Supplies and Services are projected to be under budget.

FY 2021-22 ADOPTED BUDGET

The CSD's Pump Station budget operating expense will decrease \$46,562 or 13.6%. Personnel expense will increase by \$7,287 or 4.7%. Supplies and Services will decrease by \$56,030 or 33.0% as a result of the completion of the Arc Flash Studies at each of the three pump stations to protect employees from electrical explosion hazards. These Arc Flash Studies are required to be updated every 5 years. Contingency funding has been set at \$19,500, which is approximately 17.2% of budgeted Supplies and Services costs. This provides funding for unforeseen events and repairs at any of the CSD Pump Stations. Overall, the CSD Pump Station budget will decrease by \$216,562 or 42.3% due to the planned completion of a Capital Project to relocate part of the Cardiff Pump Station force main.

Cardiff Sanitary Division Cost Summary

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Personnel	\$ 133,897	\$ 184,864	\$ 154,176	\$ 155,600	\$ 162,887
Supplies and Services	79,207	76,784	164,740	169,651	113,621
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	17,319	19,500
Total Operating Cost	\$ 213,104	\$ 261,648	\$ 318,916	\$ 342,570	\$ 296,008
Capital Costs	-	250,000	170,000	170,000	-
Total Costs	<u>\$ 213,104</u>	<u>\$ 511,648</u>	<u>\$ 488,916</u>	<u>\$ 512,570</u>	<u>\$ 296,008</u>
Cardiff Pump Station	\$ 73,910	\$ 138,111	\$ 102,061	\$ 118,341	\$ 117,113
Coast Blvd Pump Station	44,764	36,236	80,752	75,331	59,438
Olivenhain Pump Station	94,430	87,301	136,103	148,898	119,457
Total Operating Cost	<u>\$ 213,104</u>	<u>\$ 261,648</u>	<u>\$ 318,916</u>	<u>\$ 342,570</u>	<u>\$ 296,008</u>

Cardiff Sanitary Division Operating Cost Detail

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Personnel					
Direct Salaries and Wages	\$ 90,351	\$ 86,660	\$ 105,763	\$ 108,201	\$ 111,100
FICA Tax	-	9	20	-	-
Medicare Tax	1,389	1,132	1,640	1,475	1,585
State Unemployment Tax	178	114	165	440	460
Standby Pay	824	905	963	998	1,038
Overtime Pay	1,291	2,120	3,708	2,016	2,264
Dental/Vision	1,278	1,153	919	1,263	1,218
Employee Assistance Program	-	-	55	180	174
Life Insurance/Disability	708	657	740	833	850
Workers Comp. Insurance	2,056	2,837	1,842	2,151	2,175
Medical Insurance - Pers	13,395	11,701	11,622	12,457	12,277
Retirement Plan - CalPERS & PARS Trust	18,244	73,797	22,200	20,512	24,316
Deferred Comp-employer	3,372	3,036	3,815	4,277	4,598
Uniforms - Boots	136	138	199	202	212
Payroll Processing Fees	539	516	526	484	513
Other Personnel Costs	136	90	-	111	106
	<u>\$ 133,897</u>	<u>\$ 184,864</u>	<u>\$ 154,176</u>	<u>\$ 155,600</u>	<u>\$ 162,887</u>

Cost detail continued on next page.

Cardiff Sanitary Division Operating Cost Detail Continued

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
<u>Supplies and Services</u>					
Advertising	\$ 10	\$ -	\$ -	\$ 184	\$ 185
Dues & Memberships	-	23	72	-	-
Equipment Rental/Lease	2,586	3,293	-	-	-
Fees - Permits	(11,327)	1,957	1,510	2,600	2,600
Fine	475	-	-	-	-
Fuel	680	795	773	889	888
Insurance - Liability	-	-	1,648	1,742	1,895
Insurance - Auto	-	-	8	43	9
Insurance - Property	-	-	1,934	2,277	2,690
Licenses	673	2,068	2,642	2,354	2,354
Minor Equip - Shop & Field	172	175	79	1,200	1,200
Postage/Shipping	8	148	20	15	15
Preemployment Screening	10	21	36	30	30
Printing	3	45	73	60	60
Rent	-	-	47	51	51
Repair Parts Expense	27,379	11,662	26,529	15,000	15,000
Seminars/Education	-	-	25	700	700
Services - Alarm	1,868	2,076	2,100	1,307	1,307
Services - Engineering	-	-	44,082	51,000	-
Services - Grease & Scum	-	-	-	4,000	-
Services - Grit & Screenings	4,089	-	3,000	3,000	-
Services - Legal	-	72	-	-	-
Services - Maintenance	5,669	1,479	15,039	4,550	5,850
Services - Medical	92	50	240	90	90
Services - Other	2	1	-	-	-
Services - Professional	-	980	-	-	-
Services - IT/GIS Support	1,612	3,298	4,018	4,558	4,695
Services - Temp	225	1,660	-	-	-
Services - Uniforms	345	307	439	471	472
Services - EWA Support	506	726	1,200	1,200	1,200
Services - Subcontractor	-	11,330	-	-	-
Subsistence - Meals	25	-	-	-	-
Supplies - Chemicals	2,446	905	2,000	2,300	2,300
Supplies - Chem - Odor	21,215	11,300	29,289	40,000	40,000
Supplies - Office	81	-	238	80	80
Supplies - Safety	319	189	1,909	290	290
Supplies - Shop & Field	107	7	471	700	700
Training	-	-	-	810	810
Training - Safety	81	-	70	530	530
Utilities - Gas & Electric	15,571	18,029	19,770	22,400	22,400
Utilities - Internet	217	200	273	270	270
Utilities - Telephone	1,460	1,337	798	1,500	1,500
Utilities - Water	2,259	2,401	3,776	3,000	3,000
Vehicle Maintenance	349	249	632	450	450
	<u>\$ 79,207</u>	<u>\$ 76,784</u>	<u>\$ 164,740</u>	<u>\$ 169,651</u>	<u>\$ 113,621</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	17,319	19,500
Total Operating Cost	<u><u>\$ 213,104</u></u>	<u><u>\$ 261,648</u></u>	<u><u>\$ 318,916</u></u>	<u><u>\$ 342,570</u></u>	<u><u>\$ 296,008</u></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 2020-21 ESTIMATED ACTUAL EXPENDITURES

It is anticipated that the ESD Pump Station will be \$15,725 or 8.4% below budget for FY 2020-21. Both Personnel and Supplies and Services are anticipated to be under budget.

FY 2021-22 ADOPTED BUDGET

For FY 2021-22, the ESD Pump Station operating budget is planned to be \$36,285 or 19.4% under FY 2020-21 due to the completion of the Arc Flash Study to protect employees from electrical explosion hazards. This Arc Flash Study is required to be updated every 5 years. Contingency funding has been set to \$10,000, which is approximately 16.3% of budgeted supplies and services costs. This provides funding for unforeseen events and repairs at the pump station. FY 2021-22 includes \$375,000 as the first year of funding for a new Capital Project to rehabilitate mechanical equipment at the Moonlight Beach pump station. The total project cost is estimated at \$750,000 and remaining funds are planned to be collected in a future budget. Overall, the FY 2021-22 ESD Pump Station budget will increase by \$338,715 or 180.7% to accommodate funding for the new capital project.

Encinitas Sanitary Division Pump Station Cost Summary

	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Operating Cost					
Personnel	\$ 53,434	\$ 88,365	\$ 70,546	\$ 71,600	\$ 76,019
Supplies and Services	88,806	43,111	76,198	80,869	61,165
Capital Outlay	-	3,782	25,000	25,000	4,000
Contingency	-	-	-	10,000	10,000
Total Operating Cost	\$ 142,240	\$ 135,258	\$ 171,744	\$ 187,469	\$ 151,184
Capital Costs	-	-	-	-	375,000
Total Costs	<u>\$ 142,240</u>	<u>\$ 135,258</u>	<u>\$ 171,744</u>	<u>\$ 187,469</u>	<u>\$ 526,184</u>

Encinitas Sanitary Division Pump Station Operating Cost Detail

	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Operating Cost					
Personnel					
Direct Salaries and Wages	\$ 32,729	\$ 42,662	\$ 48,943	\$ 50,618	\$ 52,633
Medicare Tax	525	648	744	660	725
State Unemployment Tax	63	56	96	197	210
Standby Pay	365	427	440	449	467
Overtime Pay	2,409	1,196	1,189	672	755
Dental/Vision	566	541	419	565	557
Employee Assistance Program	-	-	25	81	79
Life Insurance/Disability	314	308	338	373	388
Workers Comp. Insurance	910	1,339	841	962	995
Medical Insurance - Pers	5,933	5,489	5,304	5,574	5,612
Retirement Plan - CalPERS & PARS Trust	8,080	33,860	10,129	9,178	11,116
Deferred Comp-employer	1,181	1,488	1,747	1,914	2,102
Uniforms - Boots	60	65	91	91	97
Payroll Processing Fees	239	244	240	217	235
Other Personnel Costs	60	42	-	49	48
	<u>\$ 53,434</u>	<u>\$ 88,365</u>	<u>\$ 70,546</u>	<u>\$ 71,600</u>	<u>\$ 76,019</u>
Supplies and Services					
Advertising	\$ 5	\$ -	\$ -	\$ 81	\$ 81
Dues & Memberships	-	11	32	-	-
Fees - Permits	1,705	1,516	1,000	1,000	1,000
Fines	400	-	-	-	-
Fuel	349	199	386	597	597
Insurance - Liability	-	-	726	766	834
Insurance - Auto	-	-	4	19	4
Insurance - Property	-	-	851	1,001	1,184
Licenses	298	975	586	1,035	1,035
Minor Equip - Shop & Field	37	83	35	-	-
Postage/Shipping	245	-	9	240	240
Preemployment Screening	5	10	16	13	13
Printing	1	21	32	25	25
Rent	-	-	21	23	23
Repair Parts Expense	5,987	1,727	-	3,000	3,000
Seminars/Education	-	-	11	300	300
Services - Alarm	960	960	1,200	617	617
Services - Grit & Screenings	328	-	-	-	-
Services - Engineering	34,500	-	23,943	20,000	-
Services - Legal	-	34	-	-	-
Services - Maintenance	10,040	1,194	5,477	3,000	3,000
Services - Medical	41	23	105	40	40
Services - Other	1	-	-	-	-
Services - Professional	-	463	-	-	-
Services - IT/GIS Support	714	1,552	1,769	2,005	2,065
Services - Temp	100	781	-	-	-
Services - EWA Support	224	341	300	300	300
Services - Uniforms	153	144	212	207	207
Subsistence - Meals	11	-	-	-	-
Supplies - Office	36	-	106	20	20
Supplies - Safety	54	89	40	100	100
Supplies - Shop & Field	23	3	230	300	300
Training	-	-	-	340	340
Training - Safety	36	-	31	220	220
Utilities - Gas & Electric	32,068	32,137	38,296	45,000	45,000
Utilities - Internet	96	94	120	120	120
Utilities - Telephone	234	637	372	300	300
Utilities - Trash	-	-	-	-	-
Vehicle Maintenance	155	117	288	200	200
	<u>\$ 88,806</u>	<u>\$ 43,111</u>	<u>\$ 76,198</u>	<u>\$ 80,869</u>	<u>\$ 61,165</u>
Capital Outlay	\$ -	\$ 3,782	\$ 25,000	\$ 25,000	\$ 4,000
Contingency	-	-	-	10,000	10,000
Total Operating Cost	<u>\$ 142,240</u>	<u>\$ 135,258</u>	<u>\$ 171,744</u>	<u>\$ 187,469</u>	<u>\$ 151,184</u>



CITY OF ENCINITAS URBAN AND STORMWATER SERVICES

PROGRAM DESCRIPTION

Under this program, SEJPA provides operation and maintenance services to the City of Encinitas. These services include the Urban Runoff Treatment Facility, the Phoebe Storm Water Pump Station, Cardiff Storm Water Diversion Structure, and the Storm Drain Sediment Drying and Disposal Program. The Phoebe Storm Water 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 storm water 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 2020-21 ESTIMATED ACTUAL EXPENDITURES

The City of Encinitas facilities, which include the Phoebe Storm Water Pump Station, the Urban Runoff Treatment Facility, Cardiff Storm Water Diversion Structure, and the Storm Drain Sediment Drying and Disposal program, are anticipated to end the year \$5,198 above budget for the emergency storm drain sediment disposal requested by the City.

FY 2021-22 ADOPTED BUDGET

These programs will be approximately \$3,032 or 9.5% above last year's budgeted with \$1,500 contingency funding designated for these programs. The budgeted cost increase is due to additional storm drain sediment cleaning being completed by the City of Encinitas with the sediment being hauled to SEJPA for dewatering, testing, and disposal.

City of Encinitas Urban and Stormwater Services Cost Summary

	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Operating Cost					
Personnel	\$ 19,979	\$ 20,807	\$ 22,343	\$ 22,627	\$ 25,262
Supplies and Services	10,440	12,144	14,871	8,183	8,286
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	1,206	1,500
Total Operating Cost	<u>\$ 30,419</u>	<u>\$ 32,951</u>	<u>\$ 37,214</u>	<u>\$ 32,016</u>	<u>\$ 35,048</u>
Phoebe Storm Drain	\$ 4,020	\$ 4,489	\$ 3,660	\$ 4,334	\$ 4,218
Urban Runoff Station	15,221	15,483	17,588	18,161	18,850
Storm Drain Sediment Drying	11,180	12,979	15,966	9,521	11,980
Total Operating Cost	<u>\$ 30,421</u>	<u>\$ 32,951</u>	<u>\$ 37,214</u>	<u>\$ 32,016</u>	<u>\$ 35,048</u>

City of Encinitas Urban and Stormwater Services Operating Cost Detail

	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Operating Cost					
Personnel					
Direct Salaries and Wages	\$ 13,391	\$ 13,995	\$ 15,374	\$ 15,792	\$ 17,230
FICA Tax	-	1	3	-	-
Medicare Tax	200	219	262	214	248
State Unemployment Tax	25	23	55	63	72
Standby Pay	130	145	139	152	158
Overtime Pay	149	212	505	242	272
Dental/Vision	196	183	130	184	191
Employee Assistance Program	-	-	8	27	27
Life Insurance/Disability	109	104	105	122	133
Workers Comp. Insurance	316	453	262	312	341
Medical Insurance - Pers	2,057	1,859	1,652	1,808	1,925
Retirement Plan - CalPERS & PARS Trust	2,801	2,995	3,159	2,976	3,813
Deferred Comp-employer	480	499	584	621	721
Uniforms - Boots	21	22	29	29	34
Payroll Processing Fees	83	82	75	70	80
Other Personnel Costs	21	14	-	15	17
	<u>\$ 19,979</u>	<u>\$ 20,807</u>	<u>\$ 22,343</u>	<u>\$ 22,627</u>	<u>\$ 25,262</u>
Supplies and Services					
Advertising	\$ 2	\$ -	\$ -	\$ 32	\$ 32
Dues & Memberships	-	4	11	-	-
Fuel	72	68	54	83	83
Insurance - Liability	-	-	259	273	297
Insurance - Auto	-	-	42	56	58
Insurance - Property	-	-	263	309	365
Licenses	31	330	209	369	369
Minor Equip - Shop & Field	-	28	12	-	-
Postage/Shipping	1	-	35	-	-
Preemployment Screening	2	3	6	5	5
Printing	-	7	12	5	5
Rent	-	-	7	8	8
Repair Parts Expense	821	4	-	500	500
Seminars/Education	-	-	4	130	130
Services - Grit & Screenings	8,889	10,182	12,568	5,000	5,000
Services - Legal	-	11	-	-	-
Services - Medical	14	8	38	5	5
Services - Temp	35	264	-	-	-
Services - Uniforms	53	49	76	74	74
Services - EWA Support	78	116	140	140	140
Subsistence - Meals	4	-	-	-	-
Supplies - Office	12	-	31	-	-
Supplies - Safety	19	27	14	30	30
Supplies - Shop & Field	3	-	72	30	30
Training	-	-	-	125	125
Training - Safety	12	-	11	80	80
Services - IT/GIS Support	248	525	630	714	735
Utilities - Internet	33	32	43	40	40
Utilities - Telephone	81	450	243	140	140
Utilities - Trash	-	-	-	-	-
Vehicle Maintenance	30	36	91	35	35
	<u>\$ 10,440</u>	<u>\$ 12,144</u>	<u>\$ 14,871</u>	<u>\$ 8,183</u>	<u>\$ 8,287</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	1,206	1,500
Total Operating Cost	<u>\$ 30,419</u>	<u>\$ 32,951</u>	<u>\$ 37,214</u>	<u>\$ 32,016</u>	<u>\$ 35,048</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 Seascape 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 storm water 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 2020-21 ESTIMATED ACTUAL EXPENDITURES

The SB Pump Stations are forecasted to be below budget this year by \$27,696 or 6.8%. The FY 2020-21 budget inadvertently reflected a transfer of odor control cost from Eden Gardens Pump Station to Solana Beach Pump Station. This issue has been corrected in the estimated actual for each pump station in the tables below and does not affect the total due for the program, just the allocation within the program.

FY 2021-22 ADOPTED BUDGET

Overall, the SB Pump Stations operating expense is expected to increase by \$9,441 or 2.3% from the prior year's budget. This increase is primarily due to general inflation across labor, supplies, and services. Contingency funding has been set to \$20,000, which is approximately 11.1% of budgeted Supplies and Services costs for the pump stations. This provides funding for unforeseen events and repairs.

Solana Beach Pump Stations Cost Summary

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Personnel	\$ 152,482	\$ 282,586	\$ 209,611	\$ 211,350	\$ 218,897
Supplies and Services	144,614	190,453	171,603	177,991	179,454
Capital Outlay	14,617	-	-	-	-
Contingency	-	-	-	19,569	20,000
Total Operating Cost	\$ 311,713	\$ 473,039	\$ 381,214	\$ 408,910	\$ 418,351
Capital Costs	-	20,000	25,000	25,000	-
Total Costs	<u>\$ 311,713</u>	<u>\$ 493,039</u>	<u>\$ 406,214</u>	<u>\$ 433,910</u>	<u>\$ 418,351</u>
Eden Gardens Pump Station	\$ 100,570	\$ 114,036	\$ 118,917	\$ 78,606	\$ 135,114
Solana Beach Pump Station	145,381	269,906	169,339	229,133	176,259
San Elijo Hills Pump Station	39,934	56,634	62,776	65,641	70,659
Fletcher Cove Pump Station	14,110	16,377	18,420	18,423	19,038
Storm Drain Sediment Drying	7,695	11,504	7,432	10,074	10,707
Seascape Sur Low Flow Diverter	2,280	2,625	2,250	3,517	3,357
Fletcher Cove Low Flow Diverter	1,743	1,957	2,080	3,516	3,217
Total Operating Cost	<u>\$ 311,713</u>	<u>\$ 473,039</u>	<u>\$ 381,214</u>	<u>\$ 408,910</u>	<u>\$ 418,351</u>

Solana Beach Pump Stations Operating Cost Detail

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Personnel					
Direct Salaries and Wages	\$ 100,970	\$ 142,919	\$ 142,315	\$ 146,384	\$ 148,927
FICA Tax	-	13	27	-	-
Medicare Tax	1,561	2,141	2,233	2,030	2,150
State Unemployment Tax	213	167	204	605	624
Standby Pay	963	1,246	1,335	1,188	1,236
Overtime Pay	2,450	1,667	5,470	2,691	3,024
Dental/Vision	1,492	1,577	1,273	1,740	1,651
Employee Assistance Program	-	-	76	249	236
Life Insurance/Disability	826	894	1,025	1,147	1,151
Workers Comp. Insurance	2,400	3,932	2,552	2,962	2,949
Medical Insurance - Pers	15,637	15,964	16,101	17,143	16,638
Retirement Plan - CalPERS & PARS Trust	21,296	105,963	30,754	28,229	32,954
Deferred Comp-employer	3,728	5,073	5,240	5,885	6,229
Uniforms - Boots	159	191	277	279	288
Payroll Processing Fees	628	715	729	667	696
Other Personnel Costs	159	124	-	151	144
	<u>\$ 152,482</u>	<u>\$ 282,586</u>	<u>\$ 209,611</u>	<u>\$ 211,350</u>	<u>\$ 218,897</u>

Cost detail continued on next page.

Solana Beach Pump Stations Operating Cost Detail Continued

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
<u>Supplies and Services</u>					
Advertising	\$ 12	\$ -	\$ -	\$ 252	\$ 253
Dues & Memberships	-	31	100	-	-
Equipment Rental/Lease	13,569	3,293	-	-	-
Fees - Permits	(4,710)	2,832	3,000	3,000	3,000
Fines	475	-	-	-	-
Fuel	726	1,178	653	1,309	1,309
Insurance - Liability	-	-	2,289	2,406	2,632
Insurance - Auto	-	-	79	136	107
Insurance - Property	-	-	2,618	3,068	3,640
Licenses	761	2,857	1,848	3,251	3,253
Minor Equip - Shop & Field	93	243	110	-	-
Postage/Shipping	10	-	28	20	20
Preemployment Screening	12	29	49	41	41
Printing	3	63	102	75	75
Rent	-	-	65	71	71
Repair Parts Expense	14,616	14,238	7,826	11,000	13,500
Seminars/Education	-	-	34	1,141	1,140
Services - Alarm	2,518	960	1,200	1,741	1,741
Services - Grit & Screenings	10,902	10,182	8,815	13,000	11,000
Services - Legal	-	100	-	-	-
Services - Maintenance	5,402	5,318	12,348	5,250	5,250
Services - Medical	107	69	333	105	105
Services - Other	2	1	-	-	-
Services - Professional	-	1,306	-	-	-
Services - Uniforms	402	421	670	650	650
Services - IT/GIS Support	1,882	4,540	5,580	6,296	6,487
Services - Temp	263	2,277	-	-	-
Services - Engineering	-	40,473	-	-	-
Services - EWA Support	591	996	1,150	1,150	1,150
Subcontractors	-	5,665	-	-	-
Services - Testing	26	-	-	-	-
Subsistence - Meals	29	-	-	-	-
Supplies - Chem - Odor (bioxide)	25,270	20,407	43,171	40,000	40,000
Supplies - Office	94	-	326	100	100
Supplies - Safety	375	303	127	415	415
Supplies - Shop & Field	826	192	1,104	855	855
Training	-	-	-	910	910
Training - Safety	95	-	97	605	605
Utilities - Gas & Electric	66,280	67,567	74,095	76,000	76,500
Utilities - Internet	253	274	379	309	310
Utilities - Telephone	1,549	1,923	1,146	1,630	1,630
Utilities - Trash	-	-	-	-	-
Utilities - Water	1,781	2,379	1,386	2,700	2,200
Vehicle Maintenance	400	336	875	505	505
	<u>\$ 144,614</u>	<u>\$ 190,453</u>	<u>\$ 171,603</u>	<u>\$ 177,991</u>	<u>\$ 179,454</u>
Capital Outlay	\$ 14,617	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	19,569	20,000
Total Operating Cost	<u><u>\$ 311,713</u></u>	<u><u>\$ 473,039</u></u>	<u><u>\$ 381,214</u></u>	<u><u>\$ 408,910</u></u>	<u><u>\$ 418,351</u></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 2020-21 ESTIMATED ACTUAL EXPENDITURES

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

FY 2021-22 ADOPTED BUDGET

The current year budget is planned to be \$417 or 3.0% more than FY 2020-21, reflecting general cost inflation.

Solana Beach Generator Maintenance Services Cost Summary

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Personnel	\$ 5,790	\$ 5,703	\$ 6,709	\$ 6,751	\$ 7,134
Supplies and Services	10,074	1,740	6,765	6,943	6,977
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	-	-
Total Operating Cost	<u>\$ 15,864</u>	<u>\$ 7,443</u>	<u>\$ 13,474</u>	<u>\$ 13,694</u>	<u>\$ 14,111</u>
SB City Hall Generator	\$ 6,760	\$ 3,150	\$ 6,637	\$ 6,168	\$ 6,377
SB Lomas SF Fire Generator	9,104	4,293	6,837	7,526	7,734
Total Operating Cost	<u>\$ 15,864</u>	<u>\$ 7,443</u>	<u>\$ 13,474</u>	<u>\$ 13,694</u>	<u>\$ 14,111</u>

Solana Beach Generator Maintenance Services Operating Cost Detail

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Personnel					
Direct Salaries and Wages	\$ 4,072	\$ 3,797	\$ 4,735	\$ 4,776	\$ 4,912
FICA Tax	-	0	1	-	-
Medicare Tax	62	58	57	64	72
State Unemployment Tax	8	7	9	20	20
Standby Pay	34	40	41	38	39
Overtime Pay	29	127	159	11	13
Dental/Vision	50	49	38	54	54
Employee Assistance Program	-	-	2	8	8
Life Insurance/Disability	28	28	30	36	38
Workers Comp. Insurance	81	122	76	94	98
Medical Insurance - Pers	527	500	480	540	550
Retirement Plan - CalPERS & PARS Trust	718	809	917	890	1,088
Deferred Comp-employer	150	134	133	186	206
Uniforms - Boots	5	6	9	8	10
Payroll Processing Fees	21	22	22	22	22
Other Personnel Costs	5	4	-	4	4
	<u>\$ 5,790</u>	<u>\$ 5,703</u>	<u>\$ 6,709</u>	<u>\$ 6,751</u>	<u>\$ 7,134</u>
Supplies and Services					
Advertising	\$ -	\$ -	\$ -	\$ 8	\$ 8
Fuel	19	316	106	21	20
Insurance - Liability	-	-	69	72	80
Insurance - Auto	-	-	-	2	-
Insurance - Property	-	-	82	94	113
Licenses	8	89	56	97	98
Preemployment Screening	-	1	1	1	2
Printing	-	2	3	-	-
Rent	-	-	2	2	2
Repair Parts Expense	115	1,010	-	400	400
Seminars/Education	-	-	1	30	30
Training	-	-	-	30	30
Training - Safety	3	-	3	20	20
Minor Equip - Shop & Field	-	8	3	-	-
Services - Legal	-	3	-	-	-
Services - Maintenance	9,771	-	6,113	5,850	5,850
Services - Uniforms	14	13	21	19	20
Services - Medical	4	2	10	-	-
Services - Professional IT Support	64	142	169	188	194
Services - Temp	9	71	-	-	-
Services - EWA Support	20	31	40	40	40
Supplies - Office	3	-	5	-	-
Supplies - Shop & Field	1	-	19	20	20
Supplies - Safety	5	7	4	10	10
Utilities - Internet	9	9	12	9	10
Utilities - Telephone	21	26	19	20	20
Vehicle Maintenance	8	10	27	10	10
	<u>\$ 10,074</u>	<u>\$ 1,740</u>	<u>\$ 6,765</u>	<u>\$ 6,943</u>	<u>\$ 6,977</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	-	-
Total Operating Cost	<u>\$ 15,864</u>	<u>\$ 7,443</u>	<u>\$ 13,474</u>	<u>\$ 13,694</u>	<u>\$ 14,111</u>



DEL MAR SERVICES

PROGRAM DESCRIPTION

Under this program, SEJPA provides pump station operation and maintenance services that includes PLC programming, instrumentation installation, wet well cleaning, and disposal of wastewater collection sediment for the City of Del Mar. The City of Del Mar is considering transitioning to SEJPA to provide full pump station and operational service. This budget reflects the transition period to facilitate Del Mar's evaluation of obtaining full service.

FY 2020-21 ESTIMATED ACTUAL EXPENDITURES

The program is forecast to be under budget by 2,506 or 4.8% primarily due to unused contingency of \$1,935. The actual costs incurred will be paid for by the City of Del Mar.

FY 2021-22 ADOPTED BUDGET

The budget for FY 2021-22 is expected to increase \$5,094 or 9.7%. The planned Personnel costs in support of the City of Del Mar's staff at the pump station is expected to be increase. Supplies and Services has increased to accommodate additional disposal cost of wastewater collections cleaning sediment and debris.

Del Mar Services Cost Summary

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Personnel	\$ 20,533	\$ 32,890	\$ 37,137	\$ 37,388	\$ 41,432
Supplies and Services	8,195	5,773	12,688	13,008	13,993
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	1,935	2,000
Total Operating Cost	<u>\$ 28,728</u>	<u>\$ 38,663</u>	<u>\$ 49,825</u>	<u>\$ 52,331</u>	<u>\$ 57,425</u>

Del Mar Services Operating Cost Detail

	Actual	Actual	Estimated	Adopted	Adopted
Operating Cost	2018-19	2019-20	Actual	Budget	Budget
Personnel			2020-21	2020-21	2021-22
Direct Salaries and Wages	\$ 12,964	\$ 22,319	\$ 24,862	\$ 25,616	\$ 27,961
Medicare Tax	189	335	440	367	414
State Unemployment Tax	22	29	49	109	120
Standby Pay	152	231	242	66	69
Overtime Pay	14	103	900	672	755
Dental/Vision	236	289	232	314	318
Employee Assistance Program	-	-	14	45	45
Life Insurance/Disability	117	163	187	207	222
Workers Comp. Insurance	380	728	465	535	568
Medical Insurance - Pers	2,479	2,919	2,932	3,097	3,202
Retirement Plan - CalPERS & PARS Trust	3,376	4,793	5,612	5,100	6,342
Deferred Comp-employer	454	791	1,019	1,063	1,199
Uniforms - Boots	25	35	50	50	55
Payroll Processing Fees	100	132	133	120	134
Other Personnel Costs	25	23	-	27	28
	<u>\$ 20,533</u>	<u>\$ 32,890</u>	<u>\$ 37,137</u>	<u>\$ 37,388</u>	<u>\$ 41,432</u>
Supplies and Services					
Advertising	\$ 2	\$ -	\$ -	\$ 58	\$ 58
Dues & Memberships	-	6	23	-	-
Fuel	85	437	619	447	447
Insurance - Liability	-	-	517	545	595
Insurance - Auto	-	-	3	13	3
Insurance - Property	-	-	607	712	844
Licenses	124	528	418	736	736
Postage/Shipping	2	-	6	-	-
Preemployment Screening	2	5	11	9	9
Printing	-	12	23	15	15
Rent	-	-	15	16	16
Repair Parts Expense	673	1,997	1,605	1,700	2,500
Seminars/Education	-	-	8	200	200
Services - Alarm	-	-	700	750	750
Services - Grit & Screenings	2,287	330	3,000	3,000	3,900
Services - Legal	-	318	-	-	-
Services - Maintenance	1,224	-	2,409	1,700	1,700
Services - IT/GIS Support	298	836	518	425	438
Services - EWA Support	94	183	150	150	150
Services - Grease & Scum	-	-	900	900	-
Services - Medical	17	13	75	20	20
Services - Professional	3,000	251	-	-	-
Services - Temp	42	418	-	-	-
Services - Uniforms	64	78	146	147	147
Subsistence - Meals	5	-	-	-	-
Supplies - Office	15	-	73	15	15
Supplies - Safety	23	48	29	5	5
Supplies - Shop & Field	5	2	397	400	400
Training	-	-	-	300	300
Training - Safety	15	-	22	200	200
Minor Equip - Shop & Field	15	45	25	-	-
Utilities - Internet	40	50	86	25	25
Utilities - Telephone	98	154	143	400	400
Utilities - Trash	-	-	-	-	-
Vehicle Maintenance	65	62	160	120	120
	<u>\$ 8,195</u>	<u>\$ 5,773</u>	<u>\$ 12,688</u>	<u>\$ 13,008</u>	<u>\$ 13,993</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	1,935	2,000
Total Operating Cost	<u>\$ 28,728</u>	<u>\$ 38,663</u>	<u>\$ 49,825</u>	<u>\$ 52,331</u>	<u>\$ 57,425</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 is capable of delivering between 1,800 and 2,000 acre-feet per year (AFY) of recycled water to its retail partners. 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, Ecke 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. Currently, SEJPA has the capacity to produce up to 3.02 million gallons per day of recycled water.

FY 2020-21 ESTIMATED ACTUAL EXPENDITURES

FY 2020-21 is the 20th full year of the Recycled Water Program. This program receives revenue from different customers with varying levels of service. Beginning in FY 2014-15, SEJPA decoupled the rates from the water purveyors' potable water rates. In May 2018, the Board accepted an updated Cost-of-Service Study, and approved the water rates for FY 2018-19, FY 2019-20, and FY 2020-21. By using the Cost-of-Service Study to support the rates, all water purveyors are invoiced the same rate rather than 85% of each of the water purveyors' potable rates. The Recycled Water Program also receives incentives in the amount of \$250 per AF from the Metropolitan Water District of Southern California (MWD) and \$200 per AF from the San Diego County Water Authority (SDCWA).

The estimated actual revenue for FY 2020-21 is conservatively anticipated at \$3,213,249. Budgeted operating expenditures for FY 2020-21 total \$1,867,279 and estimated expenditures are projected to be \$1,842,630 or \$24,649 less than planned.

FY 2020-21 budgeted infrastructure debt service for the Water Recycling Program consists of the State Revolving Fund (\$834,675), Advanced Water Treatment loan (\$148,153), and the Santa Fe Irrigation District Pipeline loan (\$15,000) for a total of \$997,828. The State Revolving Fund was retired in FY 2020-21. In FY 2020-21, the Solana Beach Pipeline loan was added for the newly purchased recycled water distribution pipeline to increase sustainability by extending the recycled waterlines in the City of Solana Beach. This added \$36,900 to the debt service amount.

Capital cost budget of \$280,000 for the recycled water planning, conveyance and storage is expected to be spent.

The anticipated revenues, expenses, debt service, and capital costs result in \$55,891 funding towards the Recycled Water Program Unrestricted Reserve.

FY 2021-22 ADOPTED BUDGET

Budgeted water sales revenue for this program is planned to be \$3,843,407, which is \$630,158 or 19.6% greater than prior year budget. This amount includes an anticipated \$600,000 grant funding to be received. This revenue is based on a cost-of-service rate review and update to determine the recycled water rates for FY 2021-22 to FY 2024-26 coupled with anticipated estimates for water sales, capital program, and reserves.

The Recycled Water operating budget is planned to be \$1,883,700, an increase of \$16,421 or 0.9% from prior year budget. Personnel costs for the FY 2021-22 budget are based on projections of estimated staff effort required to

operate the program and is planned to increase by \$16,852 or 2.6%. Supplies and Services are similar to FY 2020-21.

Capital Project expenses are planned to be \$500,000 to fund the evaluation of additional storage options and the inclusion of stormwater recycling. Debt service is planned to be \$173,053; detailed information on this program can be found in the Debt Service section of this budget document. Contingency funding is not budgeted for the Recycled Water Program, because the agency retains a reserve for this program.

Recycled Water Cost Summary

	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Operating Cost					
Personnel	\$ 547,080	\$ 653,812	\$ 620,509	\$ 642,022	\$ 658,874
Supplies and Services	951,643	841,335	1,172,121	1,175,257	1,174,826
Capital Outlay	455	14,111	50,000	50,000	50,000
Contingency	-	-	-	-	-
Total Operating Cost	\$ 1,499,178	\$ 1,509,258	\$ 1,842,630	\$ 1,867,279	\$ 1,883,700
Capital Costs	1,875,000	165,450	280,000	280,000	500,000
Total Operating and Capital Costs	\$ 3,374,178	\$ 1,674,708	\$ 2,122,630	\$ 2,147,279	\$ 2,383,700
Debt Service					
State Revolving Fund	\$ 834,675	\$ 834,675	\$ 834,675	\$ 834,675	\$ -
Advanced Water Purification	148,153	148,153	148,153	148,153	148,153
SFID Pipeline Loan	13,102	11,321	15,000	15,000	15,000
Solana Beach Pipeline Loan			36,900		9,900
Total Debt Service	\$ 995,930	\$ 994,149	\$ 1,034,728	\$ 997,828	\$ 173,053
Total Costs	\$ 4,370,108	\$ 2,668,857	\$ 3,157,358	\$ 3,145,107	\$ 2,556,753



Building a Sustainable Future

The award winning Solana Beach Coastal Rail Trail uses drought tolerant plants and recycled water, coupled with local art and walking trails to connect sustainability with the community.

Recycled Water Operating Cost Detail

	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Operating Cost					
Personnel					
Direct Salaries and Wages	\$ 403,078	\$ 408,733	\$ 424,076	\$ 448,575	\$ 442,928
FICA Tax	-	44	81	-	-
Medicare Tax	6,049	6,142	6,039	5,844	6,424
State Unemployment Tax	665	537	612	1,740	1,863
Standby Pay	2,552	3,173	3,847	3,255	3,386
Overtime Pay	6,784	10,102	19,275	14,396	16,179
Dental/Vision	3,962	4,006	3,671	5,004	4,932
Employee Assistance Program	104	-	219	715	704
Life Insurance/Disability	2,197	2,273	2,956	3,299	3,442
Workers Comp. Insurance	5,562	9,955	7,360	8,520	8,813
Medical Insurance - Pers	41,530	40,585	46,435	49,338	49,726
Retirement Plan - CalPERS & PARS Trust	56,563	150,699	88,635	81,241	98,490
Deferred Comp-employer	15,374	14,955	14,403	16,939	18,621
Uniforms - Boots	478	484	797	802	859
Payroll Processing Fees	1,669	1,810	2,103	1,918	2,078
Other Personnel Costs	513	314	-	436	429
	<u>\$ 547,080</u>	<u>\$ 653,812</u>	<u>\$ 620,509</u>	<u>\$ 642,022</u>	<u>\$ 658,874</u>
Supplies and Services					
Board Expense	\$ -	\$ -	\$ 171	\$ 90	\$ 816
Advertising	1,434	-	-	672	672
Dues & Memberships	6,557	8,387	7,427	7,800	7,800
Equipment Rental/Lease	270	216	1,000	1,000	1,000
Fees - Permits	17,452	18,767	23,087	22,000	24,000
Fuel	2,750	2,874	2,976	3,375	3,375
Insurance - Liability	9,640	14,508	6,033	6,360	6,938
Insurance - Auto	-	-	30	156	35
Insurance - Property	9,327	13,289	7,079	8,313	9,843
Licenses	6,815	13,000	4,873	8,594	8,594
Minor Equip - Shop & Field	773	7,736	2,865	3,000	3,000
Postage/Shipping	183	52	74	200	200
Preemployment Screening	32	72	130	109	109
Printing	26	159	269	200	200
Rent	98,294	103,052	119,837	100,188	116,100
Repair Parts Expense	40,729	41,482	44,552	50,000	50,000
Retrofit Expenses	-	-	105,000	105,000	105,000
Seminars/Education	7,141	559	(402)	3,400	3,400
Miscellaneous	23,212	163	-	-	-
Services - Accounting	6,600	8,640	7,888	8,190	9,900
Services - Landscape	840	-	-	5,000	5,000
Services - Alarm	4,132	3,360	3,187	4,100	4,100

Cost detail continued on next page.

Recycled Water Operating Cost Detail Continued

Operating Cost	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Services - Engineering	\$ 36,358	\$ 26,917	\$ 130,439	\$ 147,000	\$ 68,750
Services - Fire Control	-	-	-	2,000	2,000
Services - Laboratory	3,258	8,344	3,934	5,000	5,000
Services - Legal	11,049	2,872	4,468	23,000	23,000
Services - Lobbying	14,432	10,442	29,788	17,800	17,800
Services - Maintenance	36,257	35,880	24,215	28,000	28,000
Services - Medical	347	174	1,275	400	400
Services - Other	5	3	60	300	300
Services - Professional	121,715	17,926	93,798	38,400	84,350
Services - IT/GIS Support	6,998	20,474	14,706	24,641	25,380
Services - EWA Support	2,890	2,530	4,000	4,000	4,000
Services - Contractors	22,210	23,890	-	20,000	20,000
Services - Temp	28,224	16,264	17,854	22,800	24,595
Services - Uniforms	1,070	1,070	1,790	1,719	1,719
Subscriptions	-	70	603	50	50
Subsistence - Meals	406	80	-	900	900
Subsistence - Travel/Rm & Bd	4,595	130	1,000	3,000	3,000
Supplies - Chem - Odor	5,248	4,727	3,506	8,000	8,000
Supplies - Chem - Polymer	3,724	1,241	2,977	3,000	3,000
Supplies - Chem - Sodium Hypo	46,811	54,373	73,008	60,000	60,000
Supplies - Chemicals	57,213	47,569	43,078	63,000	63,000
Supplies - Lab	2,587	9,788	13,318	3,000	10,000
Supplies - Office	969	14	747	1,000	1,000
Supplies - Safety	690	601	528	900	900
Supplies - Shop & Field	1,610	542	2,483	1,200	1,200
Training	1,250	-	10	2,800	2,800
Training - Safety	790	238	256	1,300	1,300
Utilities - Gas & Electric	280,739	285,402	318,604	320,000	320,000
Utilities - Internet	987	1,011	999	850	850
Utilities - Telephone	8,349	10,731	8,034	9,000	9,000
Utilities - Water	-	146	33,838	6,750	6,750
Utilities - Water (Suppl.)	13,449	20,267	-	16,000	16,000
Utilities - Trash	-	-	-	-	-
Vehicle Maintenance	1,206	1,303	6,729	1,700	1,700
	<u>\$ 951,643</u>	<u>\$ 841,335</u>	<u>\$ 1,172,121</u>	<u>\$ 1,175,257</u>	<u>\$ 1,174,826</u>
Capital Outlay	\$ 455	\$ 14,111	\$ 50,000	\$ 50,000	\$ 50,000
Total Operating Cost	<u>\$ 1,499,178</u>	<u>\$ 1,509,258</u>	<u>\$ 1,842,630</u>	<u>\$ 1,867,279</u>	<u>\$ 1,883,700</u>

CAPITAL PROGRAMS

CAPITAL IMPROVEMENT PROGRAM (CIP) OVERVIEW

SEJPA has entered our fifth year of the CIP, which was developed with the goals of regulatory compliance, risk assessment to prevent system failure, environmental protection, and resource recovery. We have delivered, or are in the process of completing, every project identified in our program, all while maintaining the highest levels of safety and water quality. These projects include upgrading our pretreatment system, expanding our recycled water system, and replacing critical infrastructure that conveys our treated flows to the ocean. Each of these projects demonstrate our commitment to the communities we serve and provide widespread benefits.

SEJPA's CIP Achieves:

**Environmental
Stewardship**

**Strong Permit
Compliance**

**Community
Investments**

**Safety and
Reliability**

**Sustainable
Resource
Management**

Water Campus Will Connect Community to Our Water Story

The Water Campus is under construction and includes renewable energy production, stormwater capture, facility improvements, and a regional bike path. The facility will provide opportunities for learning, education, and research that enhances the community and inspires the next generation. The Water Campus is expected to be completed this fiscal year.



SEJPA is responsible for maintaining permit compliance with regulatory agencies and legal agreements with customers to provide wastewater and recycled water services. Proactive asset management and capital improvement planning are critical components in keeping these commitments.

In 2014, SEJPA conducted an evaluation of its wastewater and recycled water capital assets. The results and recommendations were documented in the 2015 Facility Plan. A “triple-bottom line” approach was used to prioritize and weight projects to compare each project against the other to confirm SEJPA achieves balanced value-added results for environmental, financial, and social goals (as described below).



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.

The recommendations from the 2015 Facility Plan created the foundation for the SEJPA Capital Improvement Program, which includes regulatory compliance analysis, risk assessment for system failure, project prioritization, and budgetary cost estimates.

In 2017, SEJPA successfully secured \$23.9 million in a bond offering to fund most of 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 are planned to be constructed by 2023 for an estimated construction cost of \$47 million. Construction of the highest priority projects began in 2017.

Phase I of the SEJPA Capital Improvement Program is complete. The Land Outfall Replacement project was successfully constructed in June 2018 and the Preliminary Treatment Upgrades and Odor Control Improvements project was completed in July 2019. Construction value \$14.7 million.

Phase II consists of several capital projects including:

- Encinitas Ranch Recycled Water Expansion (completed) \$1.6 million
- Electrical upgrades to power distribution system MS-2 (completed) \$0.3 million
- 2018 SCADA Upgrade (completed) \$0.7M
- Water Campus Improvements Project (currently in construction) \$20.7 million

The construction value of Phase II is \$23.3 million

Phase III, the Solids Treatment Project, is in the pre-design phase. A Project Definition Report (PDR) was developed to provide an evaluation of the design alternatives and a preferred build scenario for final design. The PDR identified that the highest priority elements of the Solids Treatment Project to allow the project to be developed in phases as funding is available. The estimated construction value of Phase III is \$9 - 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 begin in FY 2021-22.

Phase IV consists of Resource Recovery and Reuse projects including potable reuse and storm water capture and reuse, treated water storage, process optimization, and energy efficiency projects. These projects are in the early concept development stage. Project scale, scope, budgets, and funding strategies are in development.

CAPITAL PROGRAMS PROJECT APPROPRIATION SUMMARY

Program	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Wastewater Treatment	\$ 120,000	\$ 948,177	\$ 1,070,000	\$ 1,070,000	\$ 1,240,000
Ocean Outfall	300,000	288,800	185,000	185,000	120,000
Cardiff Pump Station	-	250,000	170,000	170,000	-
Encinitas Sanitary Division Pump Station	-	-	-	-	375,000
Solana Beach Pump Station	-	20,000	25,000	25,000	-
Water Reclamation	1,875,000	165,450	280,000	280,000	500,000
Total Capital Cost	<u>\$ 2,295,000</u>	<u>\$ 1,672,427</u>	<u>\$ 1,730,000</u>	<u>\$ 1,730,000</u>	<u>\$ 2,235,000</u>

WASTEWATER TREATMENT PROJECT APPROPRIATION DETAIL

Capital Project	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Solids Treatment (CIP Phase III)	\$ -	\$ 470,000	\$ 870,000	\$ 870,000	\$ 1,040,000
Miscellaneous Projects	120,000	280,000	200,000	200,000	200,000
F-750 Truck with Crane Body	-	96,250	-	-	-
Peterbilt Sudge Tractor	-	101,927	-	-	-
Total Capital Cost	<u>\$ 120,000</u>	<u>\$ 948,177</u>	<u>\$ 1,070,000</u>	<u>\$ 1,070,000</u>	<u>\$ 1,240,000</u>

WATER CAMPUS IMPROVEMENTS PROJECT (CIP Phase II)

The Water Campus Improvements Project is under construction and anticipated to be complete in 2021. Project planning, design, funding and construction have been made possible through strong leadership, foresight and effective collaboration. The facility will be open to the public and will provide recycled water, wastewater

treatment, and water quality education and research opportunities. Outside of the state-of-the-art community building, are site upgrades and enhancements to the existing wastewater treatment and recycled water production and biogas facilities. The upgrades include replacement of aging infrastructure, improve security and safety measures at the existing Administration and Operations Buildings, and increase onsite public accessibility, better serving the community and environment. The modernized Water Campus will add value to the region with:

Public Education

Opportunities for interactive learning, community outreach, and clean water education are being integrated into the Water Campus grounds and interior spaces.

Environmental Enhancements

The project includes stormwater capture, locally produced photovoltaic solar power for onsite energy, recycled water for all landscaping, shade trees, and other Climate Action Plan measures. These features enhance reduce energy use and enhance our environment.

Community Access

The project will provide a regional bicycle and pedestrian path, pedestrian crossing, and additional parking to improve the accessibility and safety to the Water Campus, lagoon, and local beaches.

Safety Improvements

The enhancements address safety, security, operational, and code deficiencies by replacing aging administration and operations buildings, security and public interface, and modernization of firefighting and suppression system.

Through careful planning efforts, SEJPA has secured nearly 30 percent of the project costs from state funding support and grants, including a grant for onsite stormwater capture. The project is tracking on time and on budget.

Project Highlights



Regional walking
+ biking trail



Constructing a Community Asset

Construction is underway on building and site upgrades at the Water Campus. The building includes a classroom space and interactive learning opportunities for students to inspire the next generation of water leaders.

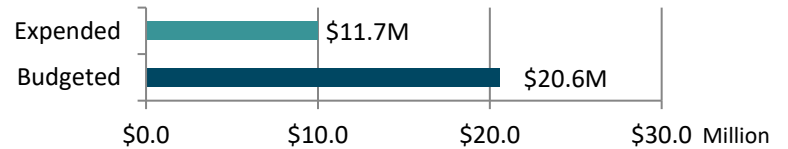
Project detail continued on next page.



WATER CAMPUS IMPROVEMENTS PROJECT (CIP Phase II) CONT.



Capital Program: Phase II
 Project Status: Construction
 Construction Start: June 2020
 Est. Construction Completion: October 2021



Timeline

Construction Start
June 2020

Est. Completion
October 2021



	<i>Budget</i>	<i>Approved Changes</i>	<i>Revised Budget</i>	<i>Spent to Date</i>
Construction:	\$18,409,269	\$542,480	\$18,951,749	\$10,648,252
CM/Engineering	720,000	-	720,000	280,473
Contingency:	915,731	(542,480)	373,251	392,480
Permits/Fees:	550,000	-	550,000	417,000
Total:	\$20,595,000	\$0	\$20,595,000	\$11,738,205

SOLIDS TREATMENT PROJECT (CIP Phase III)

The 2015 Facility Plan identified several solids-related projects to aid the agency in asset management and process efficiency improvements. These projects were bundled into the Solids Treatment Project, which is the third phase of SEJPA's Capital Program. The projects include (1) replacing aging solids handling and dewatering equipment, repairing corrosion damage in the solids handling building, and improving odor control, (2) maintaining digester performance and asset life by replacing aging pumps, upgrading heat exchange systems, repairing surface and structural damage to concrete digesters, and refurbishing existing digesters, and (3) maintaining and improving pre-digestion treatment including upgrading mechanical elements of the dissolved air thickening units and primary sludge thickening improvements. The Project Definition Report was completed in 2020 and a preferred alternative and phasing strategy was identified to align with capital budget expectations. Staff worked with the project consultant to assess the criticality of improvements and identified that priority working included replacing aging solids handling and dewatering equipment, repairing corrosion damage in the solids handling building, improving odor control, and replacing aging pumps. These components are most critical to permit compliance and health and safety of staff. The project is currently in the preliminary design phase with final design expected to begin in FY 2021-22. 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 at the treatment plant based on asset management principles, enhanced automation, and treatment system improvement. These are typically small-scaled projects focused on assets with higher wear frequency or that can be completed in-house. Miscellaneous Projects for the FY 2021-22 Budget include replacing old and corroded secondary effluent launders to achieve water quality goals and replacing obsolete information technology equipment.

OCEAN OUTFALL PROJECT APPROPRIATION DETAIL

Capital Project	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Outfall Reserve	\$ 300,000	\$ 250,000	\$ 135,000	\$ 185,000	\$ 120,000
Escondido Vault Valve Replacement	-	-	50,000	-	-
F-750 Truck with Crane Body	-	38,800	-	-	-
Total Capital Cost	<u>\$ 300,000</u>	<u>\$ 288,800</u>	<u>\$ 185,000</u>	<u>\$ 185,000</u>	<u>\$ 120,000</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 11 million gallons per day (MGD) with peak flows typically 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 2019 that found the ballast rock was adequately supporting the outfall and is preparing to complete a re-ballasting project in the next 5-10 years and collecting the funding over time will help smooth the rates required to complete the project.

CARDIFF PUMP STATION APPROPRIATION DETAIL

Capital Project	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Cardiff/Olivenhien Force Mains	\$ -	\$ 250,000	\$ 170,000	\$ 170,000	\$ -
Total Capital Cost	<u>\$ -</u>	<u>\$ 250,000</u>	<u>\$ 170,000</u>	<u>\$ 170,000</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 is integrated into the Water Campus Improvement Project as a portion of the multi-use path will serve as access to the force main clean out vaults and isolation valves. The project, which is planned for completion in FY 2021-22, will be funded by the Cardiff Sanitation District and is included in the revenues collected from the City of Encinitas.

ENCINITAS SANITARY DIVISION PROJECT APPROPRIATION DETAIL

Capital Project	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Moonlight Beach Pump Station Rehabilitation	\$ -	\$ -	\$ -	\$ -	\$ 375,000
Total Capital Cost	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 375,000</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. 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 as follows:

- Replacement of the existing pump arrangement to allow for a smaller capacity, solids-handling jockey pump to flow match the overnight low influent flows into the wet well.
- Replacement of the existing extended shaft sewage pumps with solids handling, dry pit submersible style pumps capable of passing rags and solids. This would also involve removal of 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

Capital Project	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Solana Beach Sewer Force Main Relocation	\$ -	\$ 20,000	\$ 25,000	\$ 25,000	\$ -
Total Capital Cost	<u>\$ -</u>	<u>\$ 20,000</u>	<u>\$ 25,000</u>	<u>\$ 25,000</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 SEWRF. This project was integrated into the Water Campus Improvement Project due to the proximity of the force main to site construction. The project is planned to be completed in FY 2021-22 and is funded by the City of Solana Beach.

RECYCLED WATER PROJECT APPROPRIATION DETAIL

Capital Project	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Treatment, Conveyance and Storage	\$ -	\$ -	\$ 280,000	\$ 280,000	\$ 500,000
Potable Reuse Study	75,000	75,000	-	-	-
Recycled Water Pipeline (Encinitas Ranch)	1,800,000	-	-	-	-
F-750 Truck with Crane Body	-	58,200	-	-	-
Recycled Water Distribution Pump #1 Replacement	-	32,250	-	-	-
Total Capital Cost	<u>\$ 1,875,000</u>	<u>\$ 165,450</u>	<u>\$ 280,000</u>	<u>\$ 280,000</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 treatment, storage, and conveyance systems. Capital funding for these projects will be utilized for treatment system enhancement, 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. This is a multi-year capital project that will occur during a 10-year period from 2021 to 2030 with an estimated budget of \$10.7 million (2021 dollars).

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 next phase of the project development effort was launched. The Potable Reuse Plan Development includes identifying regulatory constraints, evaluating source of recycled water supplies, identifying needed improvements at Badger WTP, and evaluating project alternatives (including necessary facilities, site locations, and budgetary costs). Funding that was collected to continue this project in FY 2019-2020 was not used as the scope of the next phase continues to develop, therefore, no additional funding is being requested in this budget cycle.

DEBT SERVICE

WASTEWATER TREATMENT DEBT SERVICE

2011 REFUNDING BONDS

In December 2011, SEJPA refinanced the 2003 Revenue Bonds and the California Energy Commission Loan at an average rate of 3.05%, producing savings of approximately \$1.2 million over the remaining life of these obligations. Interest payments are made on September 1 and March 1, principal payments on March 1. The payments are submitted directly by the Member Agencies. The FY 2020-21 annual payment was the final payment for this debt service.

2017 REVENUE BONDS

SEJPA issued revenue bonds in July 2017 to fund the wastewater projects derived from the 2015 Facility Plan. 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 2021-22 payments will include both interest and principal: \$438,113 interest and \$230,000 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, 2021 will be \$320,328. The scheduled payoff date is July 2027.



LEADING RELIABLE WASTEWATER TREATMENT

SEJPA continues to develop innovative practices for energy efficient water treatment that protects our water quality and aligns with Climate Action Plan measures.

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. The FY 2020-21 loan payment of \$834,675, including principal and interest, was the final payment for this debt service.

The terms of the SRF loan required SEJPA to create a restricted reserve, which had a fund balance of \$630,000. This amount was transferred to the Recycled Water Reserve when the loan was paid in full in FY 2020-21.

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, 2021, the outstanding principal balance is \$1,250,662.

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, 2021, the outstanding principal balance is estimated to be \$422,971 based on 24 acre-feet delivered through the pipeline in FY 2020-21.

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. The repayment schedule is \$450 per acre foot of water delivered through the pipeline. As of June 30, 2021, the outstanding principal balance is estimated to be \$1,154,752 based on 82 acre-feet delivered through the pipeline from the inception of service through June 30, 2021.

DEBT SERVICE SUMMARY

	Actual 2018-19	Actual 2019-20	Estimated Actual 2020-21	Adopted Budget 2020-21	Adopted Budget 2021-22
Wastewater Debt Service					
2011 Refunding Bonds					
Principal	\$ 1,415,000	\$ 115,000	\$ 120,000	\$ 120,000	\$ -
Interest	63,068	6,468	3,420	3,420	-
Total Debt Service	<u>\$ 1,478,068</u>	<u>\$ 121,468</u>	<u>\$ 123,420</u>	<u>\$ 123,420</u>	<u>\$ -</u>
2017 Revenue Bonds					
Principal	\$ -	\$ 435,000	\$ 450,000	\$ 450,000	\$ 460,000
Interest	902,775	902,775	889,725	889,725	876,225
Total Debt Service	<u>\$ 902,775</u>	<u>\$ 1,337,775</u>	<u>\$ 1,339,725</u>	<u>\$ 1,339,725</u>	<u>\$ 1,336,225</u>
Total Wastewater Debt Service					
Principal	\$ 1,415,000	\$ 550,000	\$ 570,000	\$ 570,000	\$ 460,000
Interest	965,843	909,243	893,145	893,145	876,225
Total Debt Service	<u>\$ 2,380,843</u>	<u>\$ 1,459,243</u>	<u>\$ 1,463,145</u>	<u>\$ 1,463,145</u>	<u>\$ 1,336,225</u>
Recycled Water Debt Service					
State Revolving Fund					
Principal	\$ 775,079	\$ 794,456	\$ 814,320	\$ 814,320	\$ -
Interest	59,596	40,219	20,355	20,355	-
Total Debt Service	<u>\$ 834,675</u>	<u>\$ 834,675</u>	<u>\$ 834,675</u>	<u>\$ 834,675</u>	<u>\$ -</u>
Advanced Water Purification					
Principal	\$ 85,975	\$ 89,579	\$ 93,336	\$ 93,336	\$ 97,249
Interest	62,178	58,574	54,817	54,817	50,904
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	\$ 3,626	\$ 2,731	\$ 10,000	\$ 10,000	\$ 10,000
Interest	9,476	8,590	5,000	5,000	5,000
Total Debt Service	<u>\$ 13,102</u>	<u>\$ 11,321</u>	<u>\$ 15,000</u>	<u>\$ 15,000</u>	<u>\$ 15,000</u>
Solana Beach Pipeline Loan					
Principal			\$ 36,900		\$ 9,900
Interest			-		-
Total Debt Service	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 36,900</u>	<u>\$ -</u>	<u>\$ 9,900</u>
Total Water Reclamation Debt Service					
Principal	\$ 864,680	\$ 886,766	\$ 954,556	\$ 917,656	\$ 117,149
Interest	131,250	107,383	80,172	80,172	55,904
Total Debt Service	<u>\$ 995,930</u>	<u>\$ 994,149</u>	<u>\$ 1,034,728</u>	<u>\$ 997,828</u>	<u>\$ 173,053</u>
Total Debt Service					
Total All Debt Service					
Principal	\$ 2,279,680	\$ 1,436,766	\$ 1,524,556	\$ 1,487,656	\$ 577,149
Interest	1,097,093	1,016,626	973,317	973,317	932,129
Total Debt Service	<u>\$ 3,376,773</u>	<u>\$ 2,453,392</u>	<u>\$ 2,497,873</u>	<u>\$ 2,460,973</u>	<u>\$ 1,509,278</u>
Wastewater On Bill Financing					
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>

CLASSIFICATION AND SALARY SCHEDULE

SAN ELIJO JOINT POWERS AUTHORITY
FY 2021-22 CLASSIFICATION AND SALARY SCHEDULE
July 1, 2021

Position	Base Salary*			
	Monthly		Annual	
	Minimum	Maximum	Minimum	Maximum
Accounting Series				
Accounting Technician I	\$3,688	\$5,121	\$44,247	\$61,455
Accounting Technician II	4,268	5,928	51,212	71,128
Accounting Technician III	4,939	7,203	59,273	86,441
Administrative Series				
Administrative Assistant I	2,733	3,850	32,801	46,196
Administrative Assistant II	3,666	5,238	43,997	62,854
Administrative Assistant III	4,408	5,957	52,902	71,490
Administrative Coordinator	5,914	8,160	70,965	97,922
Director of Operations	11,332	15,739	135,992	188,878
Director of Finance/Administration	11,332	15,739	135,992	188,878
Financial Analyst Series				
Financial Analyst-In-Training	3,688	5,121	48,861	68,337
Financial Analyst I	5,056	6,775	60,667	81,300
Financial Analyst II	5,557	7,447	66,686	89,366
Financial Analyst III	6,009	8,455	72,108	101,463
General Manager (Under Contract)	19,720	19,720	236,638	236,638
Laboratory Series				
Laboratory Analyst-In-Training	4,072	6,092	48,861	68,337
Laboratory Analyst I	4,507	6,260	54,086	75,120
Laboratory Analyst II	5,394	7,491	64,718	89,885
Senior Laboratory Analyst	6,960	9,666	83,512	115,989
Laboratory Manager	7,457	11,816	89,481	141,797
Mechanic Series				
Mechanic-In-Training	4,072	5,695	48,861	68,337
Mechanic I	4,589	6,462	55,060	77,548
Mechanic II	5,305	7,471	63,658	89,659
Lead Mechanic	5,739	8,083	68,863	96,989
Mechanical Systems Manager	7,990	11,816	95,883	141,797
Project Management Series				
Senior Project Manager	8,508	11,816	102,094	141,797
Project Manager	7,457	10,875	89,481	130,492
Systems Integration Series				
Systems Integration Technician-In-Training	4,072	5,695	48,861	68,337
Systems Integration Technician I	4,668	6,575	56,019	78,900
Systems Integration Technician II	5,433	7,653	65,203	91,834
SCADA Manager	8,450	12,425	101,388	149,101
Wastewater Treatment Operator Series				
Operator-In-Training	4,072	5,695	48,861	68,337
Operator I	4,616	6,456	55,392	77,472
Operator II	5,555	7,769	66,659	93,230
Water Reclamation Specialist	5,794	8,160	69,524	97,922
Lead Operator	6,329	8,914	75,945	106,964
Chief Plant Operator	7,990	11,816	95,883	141,797
Intern (All Departments)	2,296	3,820	27,554	45,845

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

ORGANIZATIONAL CHART

