

OPERATING & CAPITAL IMPROVEMENT BUDGET

FISCAL YEAR

2024-25



COACHELLA VALLEY WATER DISTRICT



COACHELLA VALLEY WATER DISTRICT OPERATING & CAPITAL IMPROVEMENT BUDGET FISCAL YEAR 2024 – 25



John Aguilar
Division One



Anthony Bianco
Division Two



John Powell Jr.
Division Three
Board President



Peter Nelson
Division Four



Cástulo R. Estrada
Division Five
Board Vice President

CVWD MISSION STATEMENT

To meet the water-related needs of the people through dedicated employees, providing high-quality water at a reasonable cost.

SENIOR ADMINISTRATION

Jim Barrett
General Manager

Robert Cheng
Assistant General Manager

Dan Charlton
Assistant General Manager

P.O. BOX 1058 | Coachella, CA 92236
(760) 398-2651 | www.cvwd.org



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Coachella Valley Water District
California**

For the Fiscal Year Beginning

July 01, 2023

Christopher P. Morrill

Executive Director



CONTACT INFORMATION

This document is produced annually by the Finance and Communications & Conservation departments. Anyone needing additional information may contact CVWD at:

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COACHELLA VALLEY WATER DISTRICT STEVE ROBBINS ADMINISTRATION BUILDING

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ACKNOWLEDGEMENTS

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*The Fiscal Year 2024-25 Budget is available on our website:
CVWD.org/budget2024-25*

DISTRICT DEPARTMENT HEADS

Clerk of the BoardSylvia Bermudez
Public Affairs & Customer Experience.....Scott Burritt
Engineering.....Carrie Oliphant
Environmental Services.....Joanne Le
FinanceKarla Romero
Human ResourcesScott Hunter
Information Systems.....Luis Maciel

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A photograph of a modern building with a desert landscape. In the foreground, there are several tall, columnar cacti and several barrel cacti planted in a bed of gravel. In the background, there are palm trees and a clear blue sky. The building has a mix of brown and light-colored walls and large windows.

BUDGET MESSAGE



COACHELLA VALLEY WATER DISTRICT

GENERAL MANAGER | JIM BARRETT

ASSISTANT GENERAL MANAGERS | ROBERT CHENG & DAN CHARLTON

JULY 1, 2024

To the Board of Directors:

The Fiscal Year 2025 budget demonstrates CVWD's ability to navigate changing conditions effectively and prepare for future needs. Early in fiscal year 2024, the Coachella Valley was hit with two 1,000-year storms within two weeks, resulting in wind damage and flash flooding from heavy rains in the surrounding mountains and canyons. Tropical Storm Hilary was a declared disaster, impacting the Whitewater Groundwater Facility near Palm Springs along with other District facilities, and the second unnamed storm caused damage to the Coachella Canal in Thermal. CVWD crews responded to multiple emergency repairs early in the recovery process, and continue to prioritize and complete remaining repairs. In fiscal year 2024, CVWD spent \$3.2 million in repairs related to Tropical Storm Hilary, and staff continues to work with the Federal Emergency Management Agency (FEMA) to assess damages eligible for reimbursement and provide required documentation. Outside of storm damages, the District continues to make progress on multiple capital projects, including the North Indio Regional Flood Control System, Avenue 54 to the Thermal Drop Structure Stormwater Channel Improvements, and the North Cathedral City Regional Stormwater project, demonstrating our commitment to future planning.

Each year, the budget process involves a thorough review of departmental needs, capital projects, and required rates based on expected expenditures. Staff presented information on future capital needs, operating expenses, and recommended rate increases during three study sessions this past spring. The budget was formally adopted on June 11, 2024.

The fiscal year 2025 adopted budget totals \$533.3 million, and includes \$324.6 million in operating expenses, \$50.3 million in debt service, and \$158.3 million in capital expenditures.

All Fund Expense Summary	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Total Operating Expenses	\$ 284,136,261	\$ 305,933,193	\$ 338,713,876	\$ 324,616,086	\$ (14,097,790)	-4.2%
Internal Debt Service	5,582,345	3,945,387	3,945,387	3,945,387	-	-
External Debt Service	4,446,675	5,464,792	8,847,766	46,381,470	37,533,704	424.2%
Capital Improvement Budget	111,479,948	94,650,737	121,031,254	158,342,157	37,310,903	30.8%
Legal Claim Contingency Accrual ⁽²⁾	-	58,294,838	-	-	-	-
Other ⁽³⁾	82,315	20,907,436	-	-	-	-
Total Budgeted Expenses	\$ 405,727,545	\$ 489,196,384	\$ 472,538,283	\$ 533,285,100	\$ 60,746,817	12.9%

⁽¹⁾ Unaudited

⁽²⁾ Per Generally Accepted Accounting Principles (GAAP), the Legal Claim Contingency Accrual is a set aside of funding for potential future legal claims, and does not currently reflect an actual FY 2024 expenditure.

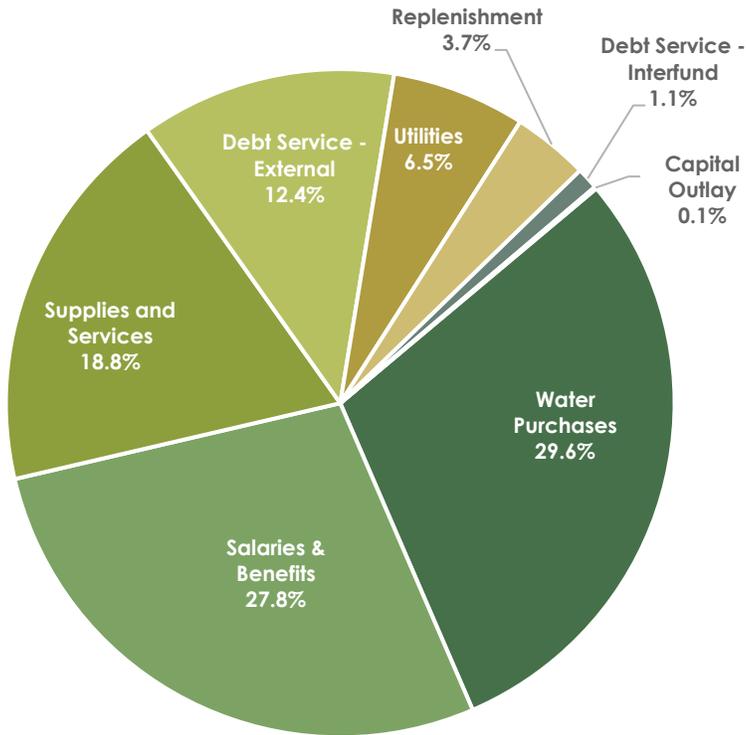
⁽³⁾ Other Non-Operating Expenses includes prior period adjustments related to the GASB 96 implementation.

OPERATING EXPENSES

Total operating expenses reflect a \$14.1 million decrease over the fiscal year 2024 budget, primarily due to reductions in expected water purchases in fiscal year 2025 after two wet years. The calendar year 2024 State Water Project (SWP) Table A water allocation is expected to remain at 40% for the first half of the fiscal year, and is budgeted at 50% for the second half of fiscal year 2025. Other contract water, including 9,500 acre-feet (af) of Rosedale Rio-Bravo water, is not expected to be available in fiscal year 2025.

DEBT SERVICE EXPENSES

Budgeted debt service expenses are increasing significantly in fiscal year 2025 due to the planned payoff of the 2022 Domestic Notes. This debt issuance was used to provide interim financing for several projects that will ultimately be funded with low cost loans from the US Department of Agriculture (USDA). The payoff of \$35.2 million will take place in June 2025.

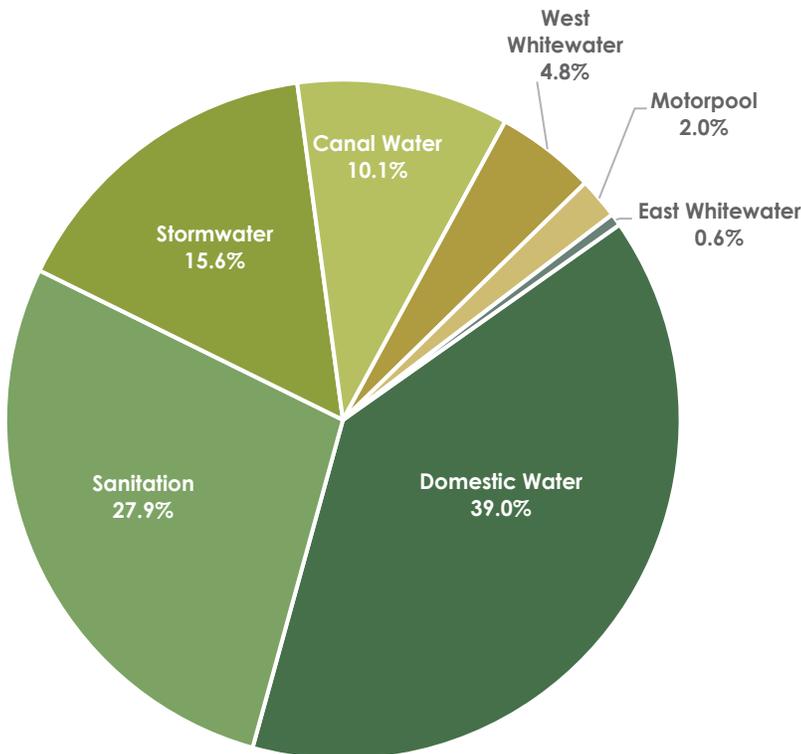


**OPERATING AND DEBT SERVICE:
\$374.9 MILLION**

The largest operating expenditure for fiscal year 2025 is Water Purchases, at \$110.9 million, or 29.6% of budgeted expenditures. Salaries and Benefits total \$104.2 million, or 27.8% of budgeted expenditures. The budget reflects a 5.8% increase in salaries and benefits based on anticipated cost of living increases and updates from the Classification and Compensation Plan approved by the Board in June. Budgeted positions remain at 570 full-time equivalent positions for fiscal year 2025.

CAPITAL IMPROVEMENT EXPENSES

The fiscal year 2025 Capital improvement budget reflects an increase of \$37.3 million, or 30.8%, over the prior year budget. Projects are expected to use \$51.1 million in loan proceeds, \$44.1 million in grant funds, \$43.4 million in pay-as-you-go funds/ reserves, and \$19.7 million in restricted developer fees.



**CAPITAL IMPROVEMENTS:
\$158.3 MILLION**

Major projects planned in fiscal year 2025 include \$17.7 million for the Avenue 66 transmission main, \$13.6 million in irrigation lateral projects, \$12.0 million for the North Cathedral City regional stormwater project, \$8.0 million for the North Indio regional flood control system phase 2 project, \$7.0 million for the Palm Desert groundwater replenishment facility, \$6.9 million for nonpotable water offsite pipeline projects, and \$6.8 million for the Lift Station 55-11 capacity upgrade project. Engineering staff intends to maintain a minimum execution rate of at least 75% in FY 2025 for these critical infrastructure projects.

FISCAL YEAR 2024 EXPENSES

The District closely monitors expenditures throughout the year, and operating, debt service, and capital expenditures were all under budget for fiscal year 2024. At a Department level, the Operations and Maintenance Department was impacted by nearly \$5 million in unplanned expenses related to the two major storm events. The CIP execution rate for fiscal year 2024 was 78.2%, which exceeded the Engineering Department’s fiscal year goal of 75%, with approximately \$94.7 million expended out of a budget of \$121.0 million. Several construction projects were delayed due to pending right-of-way agreements with property owners, unexpected field conditions, and electrical material delays.

Fiscal year 2024 includes \$58.3 million for a legal claim contingency accrual based on ongoing litigation involving rates. This entry is a requirement under Generally Accepted Accounting Principles (GAAP) and is also presented in the budget document for consistency. Although this amount is an estimate and reflects only a potential liability based on the current litigation status, it is presented to give an overall potential impact on ending reserves for fiscal year 2024. The District is appealing the adverse trial court decision and believes the basis of its appeal is well-founded. Amounts are included in the Canal, West Replenishment, Mission Creek Replenishment, and East Replenishment funds.

Other expenses for fiscal year 2024 total \$20.9 million, and include several prior period adjustments related to the Government Accounting Standards Board (GASB) 96 implementation. GASB 96 refers to subscription-based information technology arrangements (SBITAs), and the prior period adjustments relate to how general district software implementations were recorded in prior years. Software subscriptions under GASB 96 will be recorded as operating expenses going forward instead of capital expenditures. Other Expenses also include \$4.7 million in grant subrecipient expenses, which are funds CVWD passes on as grant administrator to local project sponsors per grant agreements.

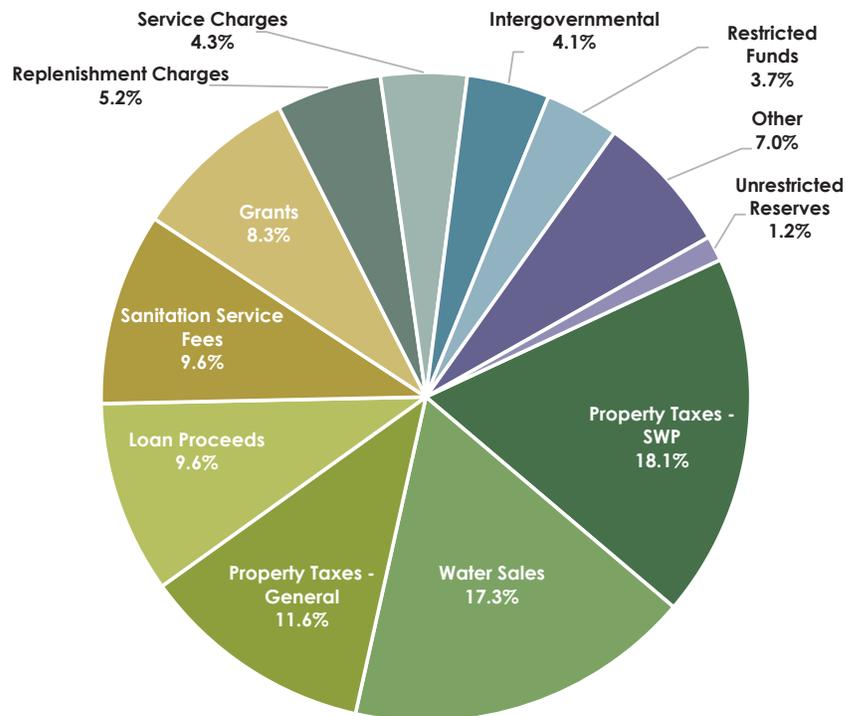
BUDGETED REVENUE AND OTHER SOURCES

Fiscal year 2025 revenues, including loan proceeds, grants, restricted funds, and unrestricted reserves, total \$533.3 million. Of that total, \$407.6 million are operating revenues, and reflect a 7.6% increase over fiscal year 2024. Rates adopted by the Board are reflected in the fiscal year 2025 budget.

**REVENUE AND OTHER SOURCES:
\$533.3 MILLION**

The District receives funding from a variety of sources, including: domestic water sales, sanitation service charges, groundwater replenishment charges, ad valorem property taxes, SWP property taxes, monthly domestic water service charges, sales of irrigation water, grants, investment income, assessments that support future development, charges for miscellaneous services, and loan proceeds.

SWP tax revenue totals 18.1% of total revenues for fiscal year 2025, and water sales, including sales from domestic water, recycled or nonpotable water, and canal irrigation water, total 17.3%. In addition, general ad valorem property taxes are 11.6% of total revenues. The District’s capital improvement plan includes loan proceeds at 9.6%, grants at 8.3%, and restricted funds at 3.7% of total revenues.



Short and Long-Term Factors Impacting the Budget

VOLUNTARY CURTAILMENT EFFORTS

The District continues to participate in voluntary, compensated conservation efforts in partnership with the U.S. Bureau of Reclamation (USBR) in fiscal year 2025. Under the Lower Colorado Conservation Program, the District agreed to participate in several voluntary efforts to conserve water volume in Lake Mead. CVWD conserved 9,083 af of water in calendar year 2022, and has agreed to conserve up to 105,000 additional af at a rate of approximately 35,000 af per year through the 2025 calendar year.

In addition, the Board approved participation in a voluntary, compensated fallowing program for growers in fiscal year 2024. This program will allow conservation of up to 10,000 af per year through calendar year 2026, through permanent and nonpermanent crop reduction based on participation levels. These programs, along with established conservation programs, demonstrate the District's commitment to effective water management.

GRANTS AND LOANS

CVWD continues to pursue grants and low-cost loans to fund capital needs. Awards received in fiscal year 2024 include over \$61.3 million in State Water Resources Control Board grant funding for water and sewer consolidation projects, and \$12.3 million in Water Infrastructure for the Nation (WIIN) grant revenue for nonpotable water projects. For fiscal year 2025, in-process grant and loan applications total an additional \$70.2 million in potential funding to support multiple future projects.

HEXAVALENT CHROMIUM (CR-6) TREATMENT EVALUATION

On April 17, 2024, the State Water Resources Control Board adopted a regulation for hexavalent chromium, establishing a maximum containment level (MCL) for drinking water of 10 ug/L (micrograms per liter). The District maintains two public water systems that are subject to the adopted regulation, with a two-year compliance period for the larger Cove system, and a three-year compliance period for the ID-8 system. CVWD is currently evaluating treatment options and actively working with the State. The adopted regulation identified three treatment options, and has given approval for CVWD to proceed with testing on an alternative treatment option utilizing Stannous Chloride to reduce Cr-6 to Cr-3 without filtration. The Stannous Chloride Demonstration project is included in the fiscal year 2025 CIP and will include bench-scale testing, construction of a pipe rig, and implementation of the pipe rig study. The

results will inform future decisions on required capital projects to ensure compliance.

TECHNOLOGY IMPROVEMENTS

The District is nearing completion of a multi-year evaluation of options to replace its aging Enterprise Resource Planning (ERP) and Utility Billing/Customer Information Systems. On July 27, 2023, CVWD issued an RFP, with 10 responses received. The RFP committee reviewed the submitted proposals and invited three firms to participate in on-site proof of capabilities demonstrations. Professional Services Agreements were approved by the Board in early fiscal year 2025. This software upgrade implementation will offer greater operational efficiency, enhance customer service options, and provide a best-practice technology solution that will replace many customized and unsupported legacy programs.

PENSION COSTS

The District provides retirement benefits to its employees through the California Public Employees Retirement System (CalPERS). Contributions to the system by the District and employees are made each year to provide funding for the system based on actuarial assumptions. The District's portion includes the Normal Cost and the Unfunded Actuarial Liability (UAL), which can vary over time based on investment performance and changes in the expected cost for future retirement benefits. The fiscal year 2025 budget includes \$17.9 million to fund the UAL, and staff will be discussing options with the Board including additional discretionary payments or the establishment of a Section 115 Trust to help fund future liabilities later in the year.

COST OF SERVICE STUDIES

The District evaluates rates each year as part of the budget process. Cost of Service Studies (COSS) were completed in fiscal year 2021 for the Canal, Domestic, and Replenishment funds, and fiscal year 2022 for the Sanitation fund. These studies comply with California Proposition 218, and establish the maximum rates that can be adopted for a five-year period. The Board has discretion to adopt rates below the recommended maximum in any given year.

For fiscal year 2025, the Board adopted the recommended COSS rates for Sanitation and Canal surcharge and gate charges. After reviewing fiscal year 2024 expenses and evaluating future capital needs, the Board adopted a 5.0% increase for Domestic rates. No increases were proposed for the District's three Replenishment funds.

A summary of the adopted and proposed COSS rates is included below.

Comparison of Rates	FY 2024 Rate	Monthly Charge	FY 2025 Adopted Rate	Monthly Charge	FY 2025 COSS Rate	Monthly Charge
<u>Domestic Water Residential Customer</u>						
Monthly Fixed Charge - 3/4 Inch Meter	\$ 13.35	\$ 13.35	\$ 14.01	\$ 14.01	\$ 16.58	\$ 16.58
Tier 1 Consumption Rate (8 CCF)	0.99	7.92	1.04	8.32	1.23	9.84
Tier 2 Consumption Rate (12 CCF)	1.23	14.76	1.30	15.60	1.53	18.36
Total Monthly Water Charge		<u>\$ 36.03</u>		<u>\$ 37.93</u>		<u>\$ 44.78</u>
<u>Sanitation Residential Customer</u>						
Residential Fixed Account Charge	\$ 1.69	\$ 1.69	\$ 1.73	\$ 1.73	\$ 1.73	\$ 1.73
Equivalent Sewer Unit (ESU)	27.10	27.10	29.48	29.48	29.48	29.48
Total Monthly Sanitation Charge		<u>\$ 28.79</u>		<u>\$ 31.21</u>		<u>\$ 31.21</u>
<u>Replenishment - Per Acre-Foot (AF)</u>						
West Whitewater Replenishment	\$ 165.37	-	\$ 165.37	-	\$ 285.76	-
East Whitewater Replenishment	72.27	-	72.27	-	83.96	-
Mission Creek Replenishment	135.52	-	135.52	-	135.52	-
<u>Canal (Per AF/Occurrence)</u>						
Irrigation Water Commodity Charge	\$ 34.32	-	\$ 34.32	-	\$ 37.07	-
Water Supply Surcharge	67.80	-	67.80	-	73.23	-
Construction Water Commodity Charge	51.33	-	51.33	-	57.26	-
Quagga Mussel Surcharge	3.63	-	4.22	-	4.22	-
Outside ID-1 Surcharge (\$/acre/month)	4.17	-	4.52	-	4.52	-
Oasis Surcharge	59.26	-	59.26	-	59.26	-
Scheduled Gate Visits	23.53	-	29.60	-	29.60	-
Unscheduled Gate Visits	47.07	-	59.20	-	59.20	-

CONCLUSION

A considerable amount of effort goes into producing the budget each year, and I would like to thank the Board and Department staff for their feedback and diligence in preparing this year's budget book.

Respectfully submitted,



JIM BARRETT
General Manager

OVERVIEW



ABOUT THE COMMUNITY

The Coachella Valley (Valley) has nine diverse cities: Palm Springs, Cathedral City, Palm Desert, Rancho Mirage, Indian Wells, La Quinta, Desert Hot Springs, Indio, and Coachella, as well as portions of unincorporated Riverside County that have their unique histories and personalities. The Valley is an alluring destination for both residents and tourists alike, with year-round sunshine and a variety of cultural activities. Golf courses, sensory spa treatments, excellent dining options, natural beauty, and exciting nightlife combine to make the ultimate resort experience. The Valley is more than a destination. It has a distinct vibe and lifestyle.

The Valley is part of the Colorado Desert, a desert in Southern California extending approximately 45 miles in Riverside County, southeast from the San Bernardino Mountains to the northern shore of the Salton Sea. It is approximately 15 miles wide along most of its length and is surrounded by scenic, rugged mountains. To the north is Mount San Geronio; on the north and the east, the Little San Bernardino Mountains; to the west, the San Jacinto Mountains; to the south, the Santa Rosa Mountains; and to the east, in the distance, the Chocolate Mountains. The elevations on the Valley floor range from 1,600 feet at the north end of the Valley to 250 feet below sea level at the south end of the Valley. The southern segment of the San Andreas Fault crosses the Valley beginning near Bombay Beach, on the Salton Sea, and runs along the southern base of the San Bernardino Mountains. The fault is easily visible on the northern side of the Valley as a strip of greenery against an otherwise bare mountain. Because of this fault, the Valley has many hot springs. Fault lines cause hot water springs or geysers to rise from the ground. These natural water sources made habitation and development possible in the otherwise inhospitable desert of the Coachella Valley.



Aerial View of part of the Coachella Canal in La Quinta, CA

COACHELLA VALLEY WATER DISTRICT BOUNDARY MAP



ATTRACTIONS

With more than 350 days of sunshine per year and the warmest winters in the western US, the Valley is recognized as the golf, tennis, and polo capital of the West. Recreational hiking and horseback riding are popular in the many accessible canyon and mountain areas. The Valley draws a significant number of leisure travelers with its variety of attractions and special events:

Acrisure Arena (Concerts, Firebirds Hockey games)
American Documentary Film Festival
BNP Paribas Open Tennis Tournament
Casinos (Agua Caliente, Fantasy Springs, Spotlight 29)
Cinema Diverse LGBTQ Film Festival
Coachella Valley Music and Arts Festival
Coachella Valley Wildflower Festival
College of the Desert Street Fair (Sat-Sun)
Fashion Week at El Paseo
Indio International Tamale Festival
Joshua Tree Music Festival
Joshua Tree National Park
La Quinta Art Celebration
Living Desert Zoo and Botanical Garden
LPGA: ANA Inspiration Golf Tournament
McCallum Theatre
Modernism Week
Native FilmFest
Palm Desert Food & Wine Festival
Palm Desert Golf Cart Parade

Palm Springs Aerial Tramway
Palm Springs Air Museum
Palm Springs Art Museum
Palm Springs Cultural Center
Palm Springs Certified Farmers Market
Palm Springs International Film Festival
Palm Springs International ShortFest
Palm Springs Pride
PGA: The American Express, a PGA Tour Event
Rancho Mirage Observatory
Riverside County Fair and National Date Festival
Santa Rosa and San Jacinto Mountains National Monument
Southwest Arts Festival
Splash House
Stagecoach Music Festival
The Desert Circuit Horse Show
Tour de Palm Springs
VillageFest (Thursdays)
White Party

WEATHER

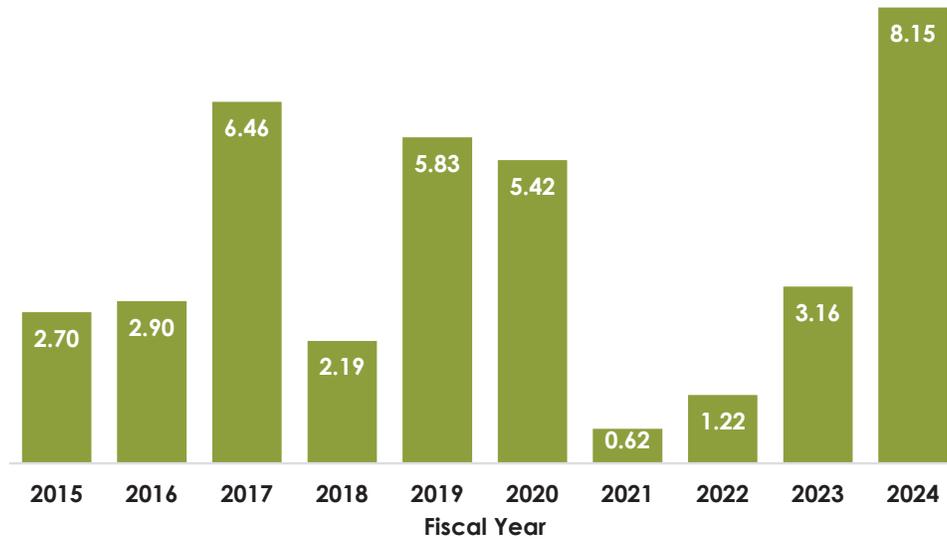
The mountains surrounding the Coachella Valley not only add to the desert’s beauty but also create a “rain shadow,” which blocks weather systems that move through Southern California. It can often be raining 20 miles to the west while the sun is shining over the Coachella Valley.

Rainfall for the fiscal year was 8.15 inches, nearly double the average of 3.56 inches, due to two large storm events in August and September 2023. The actual high-temperature average of 98.5 degrees exceeded the average high temperature of 87.8 degrees and exceeded the average in all twelve months in fiscal year 2024.

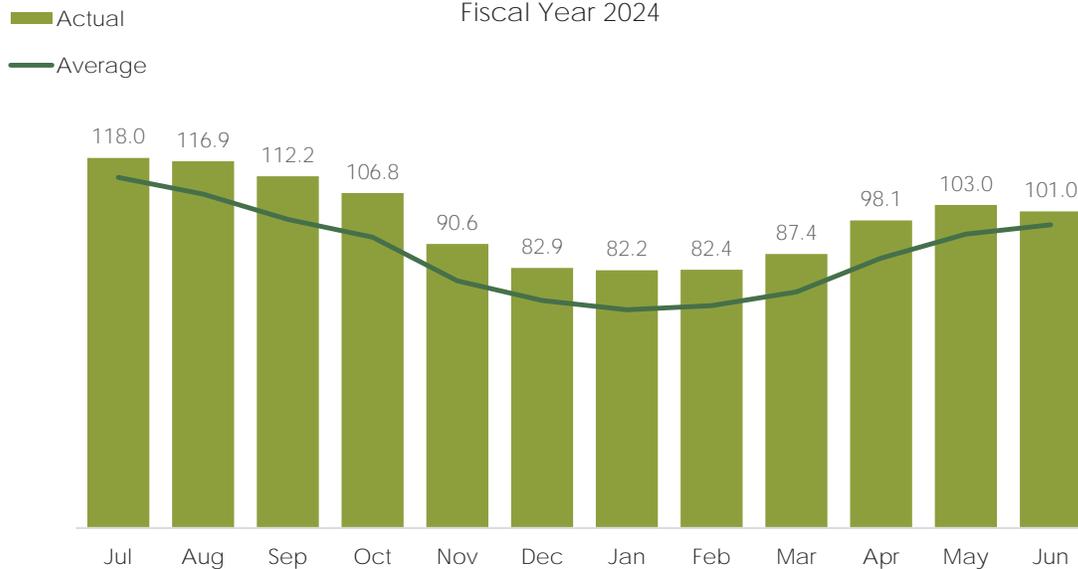
Coachella Valley Precipitation
 Actual vs. Average in Inches
 Fiscal Year 2024



**Coachella Valley Precipitation
Total Rain Fall in Inches
Ten Year-History**



**Coachella Valley High Temperatures
Actual vs. Average in Degrees
Fiscal Year 2024**



ECONOMIC INDICATORS

The Coachella Valley has a seasonal economy. Most festivals, tournaments, and events happen in the most temperate months of the year, from January through April.

Tourism: Tourism is the Valley’s largest industry, employs the most workers, and is the number one contributor to the local economy. According to a 2023 Tourism Economics study commissioned by the Greater Palm Springs Convention and Visitors Bureau (CVB), tourism sustains over 49,000 jobs and infuses more than \$7 billion into the local economy. Approximately 22% of total employment, or 1 in every 4 jobs, is sustained by the tourism industry.

The hospitality industry boasts over 200 resorts and hotels throughout the Valley, as well as over 6,000 vacation home rentals. Spending on lodging totaled nearly \$2.2 billion.

RETAIL: Retail sales contribute to the Valley’s economic base in that a significant source of the spending is money brought to the area by winter residents, tourists, and convention goers. Taxable per capita retail sales are a strong measurement of a geographic area’s wealth. This measure represents the portion of tax revenue a government can spend on services for its residents.

GOLF: Golf facilities contribute to the economic strength of the Coachella Valley. With over 125 golf courses in the region, the industry plays a significant role in economic spending and tourism and employs thousands of workers. While the region has less than one percent of Southern California’s population, it contains approximately 28 percent of the state’s golf courses. The courses work with the District on ways to conserve water and are proactive in reducing their water consumption.

CROP PRODUCTION: Irrigation of over 77,174 acres of the Valley using Colorado River water, delivered via the Coachella Canal, has allowed widespread agriculture to flourish. Current crop production is valued at approximately \$575 million, with an average gross value per acre of over \$7,451. The most lucrative crops are dates, grapes, bell peppers, and lemons/limes. California is the leading date-growing state, producing 90% of the nation’s total. Most of that production takes place here in the Valley.

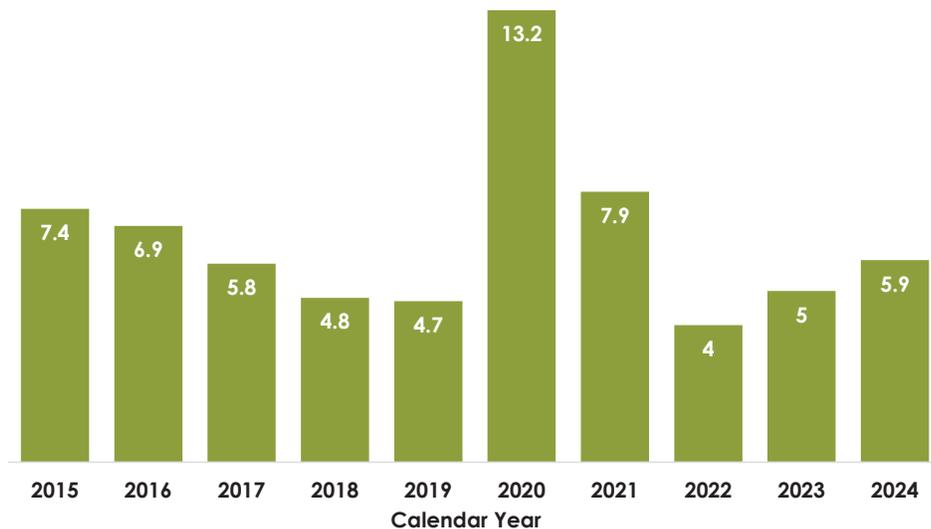
EMPLOYMENT: The Unemployment rate in Riverside County hit a low of 3.8% in December 2019, to a peak of 16% in April 2020. The rate as of July 2024 is 5.9%.



Coachella Valley agricultural fields

HOUSING PRICES: The Riverside County single-family median home price is \$600,000 as of March 2024, a 7.1% increase from the prior year. The Federal Reserve’s policy decision to increase rates to reduce inflation has slowed the real estate market due to higher interest rates. However, the assessed value growth remains strong at over 8.8% for FY 2024.

Riverside County Unemployment Rate (%)
Ten-Year History



COACHELLA VALLEY CITY PROFILES

The Coachella Valley is comprised of the cities of Cathedral City, Coachella, Desert Hot Springs, Indian Wells, Indio, La Quinta, Palm Desert, Palm Springs, Rancho Mirage, and several unincorporated areas, which include Bermuda Dunes, Bombay Beach, Indio Hills, Mecca, Oasis, Salton City, Sky Valley, Thermal, and Thousand Palms. The table on the next page shows population, housing, and income data for the Valley’s cities and unincorporated Census Defined Places (CDP).

The Coachella Valley experiences seasonal population changes, increasing during the fall, winter, and spring months, which are not included in the data table. The seasonal population is due to a large number of second or vacation homes, which increases the Valley’s population by an estimated 20% each year before declining in the summer months.

POPULATION: The Coachella Valley has some of the highest growth rates in Riverside County and California. Among the cities, Desert Hot Springs, Indio, and Coachella are leading the way in growth since 2010. Desert Hot Springs saw the largest growth rate at 31.3%, followed by Indio at 26.9% and Coachella at 10.8%



Aerial view of La quinta, CA

OVERVIEW

Category	Cathedral City	Coachella	Desert Hot Springs	Indian Wells	Indio	La Quinta
<u>Population</u>						
Population	51,964	42,279	32,386	4,832	91,991	37,933
Population growth since 2010	2.7%	10.8%	31.3%	-0.5%	26.9%	6.4%
<u>Housing</u>						
Owner-occupied housing unit rate	64.3%	66.9%	41.5%	37.2%	54.4%	46.6%
Median value owner-occupied	\$381,800	\$301,300	\$276,500	\$941,200	\$477,900	\$560,500
<u>Gender</u>						
Female	48.4%	49.3%	51.1%	51.5%	50.0%	47.9%
Male	51.6%	50.7%	48.9%	48.5%	50.0%	52.1%
<u>Age</u>						
Under 18 years	20.2%	22.0%	26.4%	5.9%	24.3%	18.3%
65 years and over	18.0%	10.5%	12.4%	57.3%	18.4%	30.1%
<u>Education</u>						
High school graduate or higher	80.7%	58.4%	80.6%	97.8%	70.7%	92.7%
Bachelor's degree or higher	26.0%	4.6%	14.7%	57.1%	23.8%	38.4%
<u>Income</u>						
Median household income	\$63,209	\$52,466	\$45,863	\$132,479	\$79,372	\$92,776

Category	Palm Desert	Palm Springs	Rancho Mirage	Bermuda Dunes (CDP)	Bombay Beach (CDP)	Indio Hills (CDP)
<u>Population</u>						
Population	51,290	44,935	17,257	7,306	242	605
Population growth since 2010	5.7%	-0.2%	3.2%	6.2%	-19.3%	-56.5%
<u>Housing</u>						
Owner-occupied housing unit rate	65.6%	42.1%	47.2%	40.1%	30.7%	86.5%
Median value owner-occupied	\$452,000	\$504,700	\$690,100	\$452,300	*	\$321,100
<u>Gender</u>						
Female	53.1%	39.6%	47.5%	55.2%	41.3%	73.9%
Male	46.9%	60.4%	52.5%	44.8%	58.7%	26.1%
<u>Age</u>						
Under 18 years	14.2%	8.2%	8.7%	19.3%	28.1%	31.7%
65 years and over	36.1%	33.2%	49.9%	20.3%	27.3%	18.7%
<u>Education</u>						
High school graduate or higher	93.0%	92.7%	94.0%	92.1%	93.7%	51.0%
Bachelor's degree or higher	39.9%	44.0%	46.5%	34.6%	0.0%	0.0%
<u>Income</u>						
Median household income	\$75,691	\$67,451	\$105,557	\$105,790	\$22,344	\$48,601

Category	Mecca (CDP)	Oasis (CDP)	Salton City (CDP)	Sky Valley (CDP)	Thermal (CDP)	Thousand Palms (CDP)
<u>Population</u>						
Population	6,313	3,775	6,202	2,307	1,352	8,242
Population growth since 2010	-19.8%	-30.1%	343.0%	25.5%	-45.7%	14.7%
<u>Housing</u>						
Owner-occupied housing unit rate	54.5%	68.6%	77.3%	50.6%	50.8%	59.1%
Median value owner-occupied	\$204,600	\$34,500	\$173,700	\$131,500	\$151,500	\$252,800
<u>Gender</u>						
Female	46.1%	46.1%	44.6%	52.1%	74.5%	51.7%
Male	53.9%	53.9%	55.4%	47.9%	25.5%	48.3%
<u>Age</u>						
Under 18 years	19.8%	24.7%	20.7%	14.7%	23.2%	27.4%
65 years and over	11.1%	4.9%	20.7%	33.5%	19.8%	21.4%
<u>Education</u>						
High school graduate or higher	34.6%	16.6%	64.8%	86.7%	37.6%	86.7%
Bachelor's degree or higher	1.9%	1.2%	5.8%	23.9%	0.0%	19.5%
<u>Income</u>						
Median household income	\$38,411	\$25,335	\$33,850	\$45,985	*	\$68,504

Data Includes Regional Cities and Census Defined Places (CDP)

Source: US Census Bureau American Community Survey (ACS)

* No Value provided

ABOUT THE COACHELLA VALLEY WATER DISTRICT

District Governance

Coachella Valley Water District (CVWD, District) is a special district established by the state legislature and governed by a five-member Board of Directors (Board) elected to four-year terms by District voters. Terms of office are staggered, and elections are held every two years for two or three of the five Board members.

Board of Directors	Division	Term Expiration
John Powell, Jr., President	Division 3	December 2026
Cástulo R. Estrada, Vice President	Division 5	December 2026
John Aguilar	Division 1	December 2026
Anthony Bianco	Division 2	December 2024
Peter Nelson	Division 4	December 2024

Each director represents a division of the District and is elected by the voters within their division. To run, candidates for the Board must reside within the boundaries of the division they wish to represent.

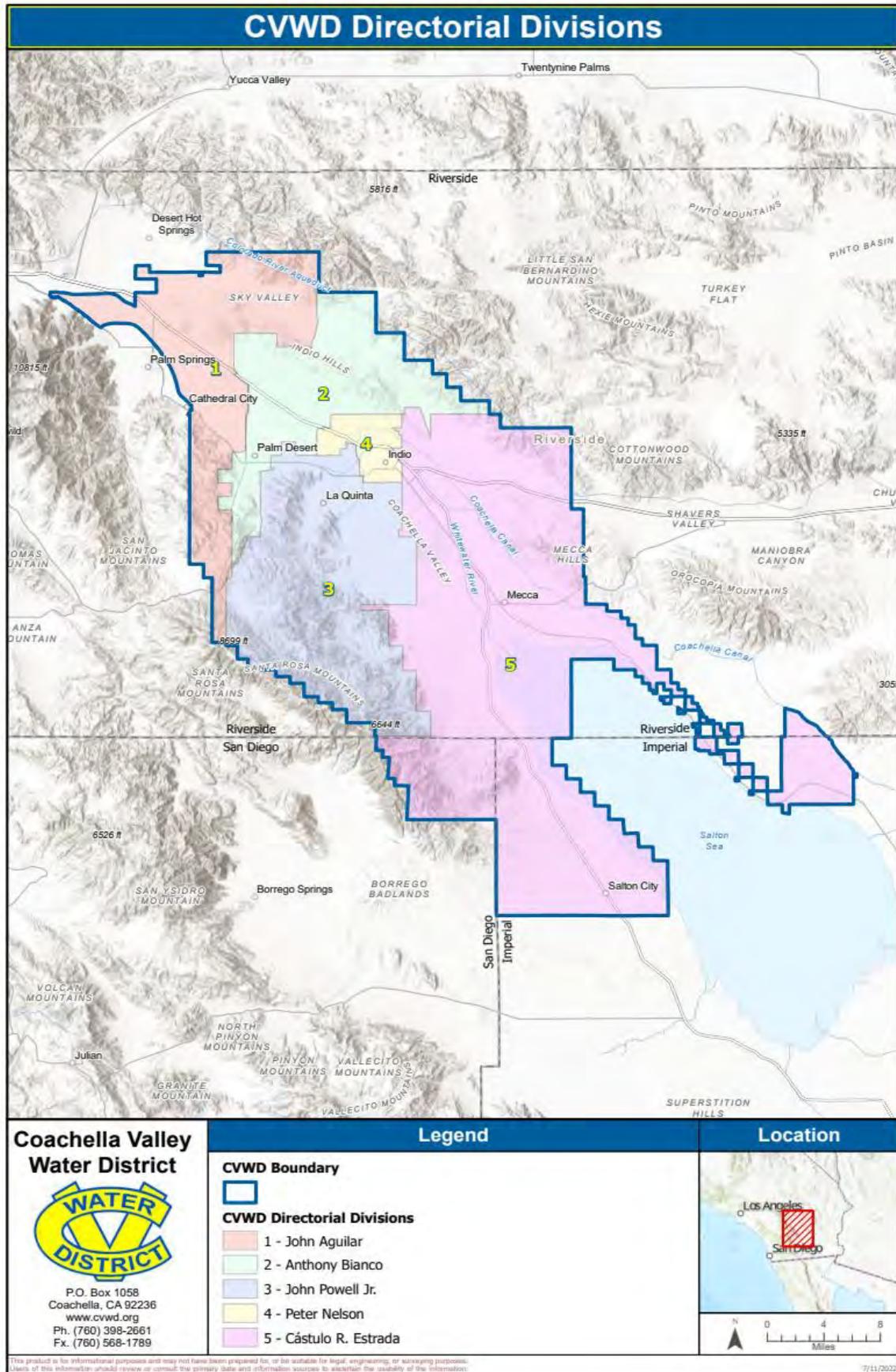
Division boundaries are equal in population overall and take into consideration geography, cohesiveness, and communities of interest, among other criteria. A directional boundary map showing the boundaries is on the following page.

The Board is the policy-making body of the District and represents the interests of the division it represents. By a majority vote, the Board may enact and enforce ordinances and pass resolutions necessary for the operation of the District’s business. The District plays a vital role in water resource management in Southern California and the Lower Colorado River Basin.

The District must work collectively and effectively with state and federal agencies, numerous local jurisdictions, and other water purveyors to fulfill this role. Board members actively serve in leadership positions for several intergovernmental agencies and associations that further the interests of the District. Numerous policies are regulated by several state and federal agencies, including the State Water Resources Control Board (SWRCB), the Environmental Protection Agency (EPA), the U.S. Bureau of Reclamation (USBR), and the U.S. Bureau of Land Management (BLM). The Public Utilities Commission (PUC) does not regulate the District since CVWD is a government agency and not a private company.



Steve Robbins Administration Building Lobby



COACHELLA VALLEY WATER DISTRICT IS A MULTIFACETED AGENCY

The District provides a variety of water-related utility services to a majority of the people in the Valley.

DOMESTIC WATER: The District provides drinking water to 270,000 people in the Valley. All domestic water is supplied from one of the District's 93 active wells. To ensure water supplies remain sustainable, the District implemented various initiatives, including securing additional water resources, banking unused resources, water conservation programs, tiered rates, water-use restrictions, and recycling water.

SANITATION: Coachella Valley Water District treats 6.2 billion gallons of wastewater and recycles about 3.4 billion gallons of wastewater each year, subjecting it to an advanced multi-step process that filters out solids, organic materials, chemicals, and germs. The District currently owns and operates 1,173 miles of wastewater collection system piping. At two of the District's five wastewater reclamation plants (WRPs), the treated reclaimed or nonpotable water is then delivered to customers who use it for outdoor irrigation. Increasing the supply and use of recycled water is a key component of CVWD's long-range water management plans.

NONPOTABLE WATER: The Valley is home to more than 125 golf courses. While the amount of recycled wastewater cannot meet the total year-round irrigation needs of all courses, the District blends Colorado River water at the wastewater reclamation plant in Palm Desert to increase the available supply of nonpotable water for golf courses and reduce demand on the aquifer. Currently, 54.5 golf courses out of 106 within CVWD boundaries are using a nonpotable water source.

CANAL WATER: The District provides water to 77,174 irrigable acres of farmland in the Valley. The 123-mile Coachella Canal provides Colorado River water to local farmers, which has helped transform the Coachella Valley into California's third-largest agricultural region.

Although the Valley is geographically in the northwestern portion of the Sonoran Desert, irrigation allows widespread agriculture. Crop values contribute approximately \$575 million to the local economy each year. Canal water is also used to replenish the aquifer at the Thomas E. Levy and Palm Desert Replenishment Facilities.

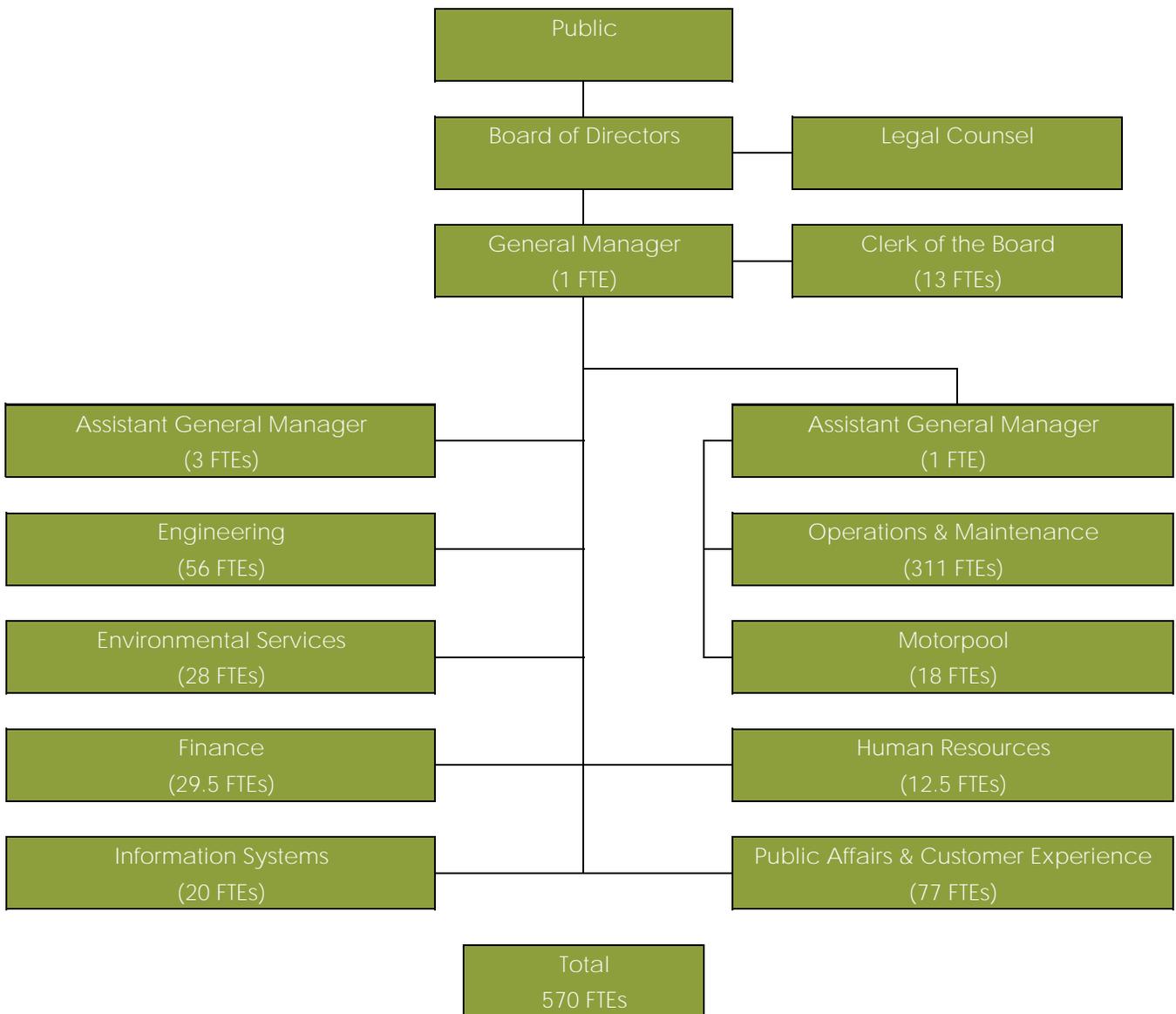
STORMWATER: The Coachella Valley averages about three inches of rain per year. However, the surrounding mountains are subject to much higher rainfall rates, which can produce unpredictable, damaging, and even deadly flash-flooding events throughout the Valley. CVWD is responsible for much of the region's stormwater protection, helping to prevent loss of life and extensive property damage. The District protects approximately 381,479 acres from flooding. Within CVWD's boundaries, there are 18 stormwater protection channels. The entire system includes approximately 169 miles of channels built along the natural alignment of dry creeks that flow from the surrounding mountains into the Whitewater River.

GROUNDWATER REPLENISHMENT: The District is committed to the long-term health of the aquifer. It goes back to CVWD's formation in 1918 when one of its priorities was to design facilities at Whitewater to capture the natural runoff from the mountains. All of the drinking water supplied by CVWD comes from the groundwater basin or aquifer. To alleviate groundwater overdraft, CVWD, along with Desert Water Agency (DWA), oversees four active groundwater replenishment facilities and percolates imported water back into the aquifer.

DISTRICT MANAGEMENT

The General Manager and legal counsel are appointed and report to the Board of Directors. The General Manager’s administrative responsibilities include two Assistant General Managers, the Clerk of the Board, and eight departments: Administration, Engineering, Environmental Services, Finance, Human Resources, Information Systems, Operations & Maintenance, and Public Affairs and Customer Experience. The District recently completed a class and compensation study, resulting in a consolidation of many specialized and outdated position titles along with updated titles for fiscal year 2025.

The organization chart below depicts the District’s management along with the number of full-time employees (FTEs) in each department.



Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
Assistant Stormwater Engineer	-	1.00	1.00	1.00	-	(1.00)
Sr. Irrigation Engineer	1.00	1.00	1.00	-	-	-
Associate Irrigation Engineer	1.00	1.00	1.00	1.00	-	(1.00)
Assistant Irrigation Engineer	1.00	1.00	1.00	2.00	-	(2.00)
Engineer II	-	-	-	-	3.00	3.00
Engineer I	-	-	-	-	2.00	2.00
<u>Domestic Water/General District</u>						
Engineering Manager	1.00	1.00	1.00	1.00	1.00	-
Sr. Domestic Water Engineer	2.00	2.00	2.00	2.00	-	(2.00)
Associate Domestic Water Engineer	1.00	2.00	2.00	2.00	-	(2.00)
Assistant Domestic Water Engineer	3.00	2.00	2.00	2.00	-	(2.00)
Engineer II	-	-	-	-	5.00	5.00
Engineer I	-	-	-	-	3.00	3.00
<u>Sanitation/Nonpotable Water/Electrical</u>						
Engineering Manager	1.00	1.00	1.00	1.00	1.00	-
Sr. Supervising Sanitation Engineer	1.00	1.00	1.00	-	-	-
Sr. Nonpotable Water / Sanitation Engineer	1.00	1.00	1.00	-	-	-
Sr. Sanitation Engineer	2.00	2.00	1.00	2.00	-	(2.00)
Assistant Sanitation Engineer	-	-	1.00	2.00	-	(2.00)
Sr. Supervising Electrical & Energy Engineer	-	1.00	1.00	-	-	-
Sr. Electrical & Energy Engineer	1.00	-	-	1.00	-	(1.00)
Associate Electrical & Energy Engineer	2.00	1.00	1.00	1.00	-	(1.00)
Assistant Electrical & Energy Engineer	-	1.00	1.00	1.00	-	(1.00)
Engineer II	-	-	-	-	3.00	3.00
Engineer I	-	-	-	-	3.00	3.00
Supervising Engineer	-	-	-	-	1.00	1.00
<u>Engineering Services</u>						
Assistant Director of Planning Development	1.00	-	-	-	-	-
Assistant Director of Engineering-Services & Planning	-	1.00	1.00	1.00	-	(1.00)
Engineering Manager	-	-	-	-	1.00	1.00
<u>Construction Inspection</u>						
Chief Inspector	1.00	1.00	1.00	1.00	-	(1.00)
Construction Inspection Supervisor	-	-	-	-	1.00	1.00
O & M Scheduler I	-	-	1.00	1.00	1.00	-
Lead Construction Inspector II	1.00	1.00	1.00	2.00	-	(2.00)
Senior Construction Inspector	-	-	-	-	2.00	2.00
Construction Inspector II	3.00	3.00	2.00	1.00	2.00	1.00
Construction Inspector I	-	-	-	1.00	3.00	2.00
Construction Inspector Trainee	4.00	4.00	4.00	2.50	-	(2.50)
<u>Development Services</u>						
Development Services Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Development Services Technician II	3.00	3.00	2.00	2.00	-	(2.00)
Development Services Technician I	-	-	2.00	2.00	-	(2.00)
Development Services Aide	1.00	1.00	-	-	-	-
Utility Coordinator	-	1.00	1.00	1.00	-	(1.00)
Engineering Technician Services Supervisor	-	-	-	-	1.00	1.00
Engineering Technician II	-	1.00	1.00	1.00	4.00	3.00
Engineering Technician I	-	-	-	-	2.00	2.00

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
<u>Right-of-Way</u>						
Right-of-Way Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Right-of-Way Assistant	2.00	2.00	2.00	2.00	-	(2.00)
Engineering Technician Services Supervisor	-	-	-	-	1.00	1.00
Engineering Aide I	-	-	-	-	2.00	2.00
<u>Survey/Mapping</u>						
Chief Surveyor	1.00	1.00	1.00	1.00	-	(1.00)
Land Survey Supervisor	-	-	-	-	1.00	1.00
Assistant Chief Surveyor	1.00	1.00	1.00	1.00	-	(1.00)
Land Surveyor Senior	-	-	-	-	1.00	1.00
Survey Party Chief	1.00	1.00	1.00	1.00	-	(1.00)
CAD Systems Specialist	-	1.00	1.00	1.00	-	(1.00)
Engineering Technician II	-	1.00	1.00	1.00	2.00	1.00
Engineering Aide III	1.00	1.00	1.00	1.00	-	(1.00)
Engineering Aide II	-	-	-	-	1.00	1.00
GIS Specialist I	-	-	0.50	1.00	-	(1.00)
GIS Technician	-	-	-	-	1.00	1.00
<u>Technical Services 1</u>						
Technical Services Supervisor	1.00	-	-	-	-	-
Utility Coordinator	1.00	-	-	-	-	-
Engineering Technician II	2.00	-	-	-	-	-
CAD Systems Specialist	1.00	-	-	-	-	-
Engineering Aide III	1.00	-	-	-	-	-
Total Engineering	54.00	53.50	53.50	53.50	56.00	2.50

ENVIRONMENTAL SERVICES

Administration

Director of Environmental Services	1.00	1.00	1.00	1.00	1.00	-
Water Resources Manager	1.00	1.00	1.00	1.00	-	(1.00)
Water Resources Associate	-	-	-	1.00	-	(1.00)

Environmental

Environmental Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Environmental Services Program Supervisor	-	-	-	-	1.00	1.00
Environmental Safety Specialist	1.00	1.00	1.00	1.00	1.00	-
Environmental Specialist	1.00	1.00	1.00	1.00	-	(1.00)
Environmental Resources Analyst	-	-	-	-	1.00	1.00
Associate Biologist	1.00	1.00	1.00	1.00	1.00	-

Water Quality

Water Quality Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Environmental Services Program Supervisor	-	-	-	-	1.00	1.00
Environmental Services Specialist	1.00	1.00	1.00	1.00	-	(1.00)
Environmental Compliance Specialist	-	-	-	-	2.00	2.00
Environmental Services Coordinator	1.00	1.00	1.00	1.00	-	(1.00)
Environmental Services Aide II	1.00	1.00	1.00	1.00	1.00	-

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
<u>Laboratory</u>						
Laboratory Director	1.00	2.00	1.00	1.00	1.00	-
Chemist	2.00	2.00	2.00	2.00	2.00	-
Water Quality Analyst II	1.00	2.00	1.00	1.00	1.00	-
Water Quality Analyst I	1.00	1.00	1.00	1.00	1.00	-
Laboratory Aide I	1.00	1.00	1.00	1.00	1.00	-
<u>Monitoring</u>						
Water Resources Coordinator	1.00	1.00	1.00	1.00	-	(1.00)
Environmental Monitoring Coordinator	-	-	-	-	1.00	1.00
Environmental Services Technician	2.00	2.00	1.00	1.00	1.00	-
Environmental Services Aide III	-	-	1.00	1.00	-	(1.00)
Environmental Services Aide II	1.00	1.00	2.00	2.00	3.00	1.00
Environmental Services Aide I	1.50	-	1.00	1.00	1.00	-
<u>Source Control</u>						
Environmental Compliance Inspector II - Lead	1.00	-	-	-	-	-
Water Resources Program Supervisor	-	-	-	-	1.00	1.00
Source Control Coordinator	-	1.00	1.00	1.00	-	(1.00)
Environmental Compliance Inspector I	1.00	2.00	2.00	2.00	2.00	-
Environmental Compliance Aide	1.00	-	-	-	-	-
<u>Water Resources</u>						
Water Resources Supervisor	-	1.00	1.00	1.00	-	(1.00)
Water Resources Program Supervisor	-	-	-	-	1.00	1.00
Water Resources Associate	1.00	1.00	1.00	-	-	-
Environmental Services Specialist	1.00	-	1.00	1.00	-	(1.00)
Environmental Compliance Specialist	-	-	-	-	2.00	2.00
Environmental Services Coordinator	1.00	1.00	1.00	1.00	-	(1.00)
Environmental Services Technician	1.00	1.00	1.00	1.00	1.00	-
Total Environmental Services	28.50	29.00	30.00	30.00	28.00	(2.00)

FINANCE

Administration

Director of Finance	1.00	1.00	1.00	1.00	1.00	-
Administrative Assistant	1.00	1.00	1.00	1.00	1.00	-

Accounting

Controller	1.00	1.00	1.00	1.00	1.00	-
Finance Manager	-	1.00	1.00	-	-	-
Accounting Supervisor	-	-	-	1.00	1.00	-
Accountant, Senior	1.00	1.00	1.00	-	-	-
Accountant	2.00	1.00	1.00	2.00	-	(2.00)
Accountant I	-	-	-	-	2.00	2.00
Accounting Technician II	2.00	2.00	2.00	4.00	-	(4.00)
Accounting Technician I	4.00	4.00	4.00	2.00	-	(2.00)
Accounting Technician	-	-	-	-	6.50	6.50

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
<u>Budget & Financing</u>						
Finance Manager	-	1.00	1.00	1.00	1.00	-
Budget Manager	1.00	-	-	-	-	-
Financial Analyst III	2.00	1.00	-	1.00	-	(1.00)
Budget & Debt Analyst	-	-	-	-	1.00	1.00
Financial Analyst II	1.00	2.00	3.00	2.00	-	(2.00)
Financial Analyst I	1.00	1.00	1.00	1.00	-	(1.00)
Financial Analyst	-	-	-	-	1.00	1.00
Grants Specialist	-	-	-	-	1.00	1.00
Accountant I	-	-	-	-	1.00	1.00
<u>Procurement & Contracts/ Warehouse</u>						
Procurement & Contracts Manager	1.00	1.00	1.00	1.00	1.00	-
Contracts Administrator	1.00	1.00	1.00	1.00	-	(1.00)
Senior Purchasing Technician	-	-	-	-	1.00	1.00
Purchasing Technician I	3.00	3.00	3.00	3.00	3.00	-
Warehouse Supervisor	1.00	1.00	1.00	1.00	1.00	-
Senior Storekeeper (Lead)	1.00	1.00	1.00	1.00	-	(1.00)
Senior Storekeeper	-	-	-	-	1.00	1.00
Storekeeper III	1.00	1.00	1.00	-	-	-
Storekeeper	3.00	3.00	3.00	4.00	5.00	1.00
Accounting Technician I	1.00	1.00	1.00	1.00	-	(1.00)
Total Finance	29.00	29.00	29.00	29.00	29.50	0.50

HUMAN RESOURCESAdministration

Director of Human Resources	1.00	1.00	1.00	1.00	1.00	-
<u>Human Resources</u>						
Human Resources Administrator	1.00	1.00	1.00	1.00	2.00	1.00
Sr. Human Resources Specialist	2.00	2.00	2.00	2.00	-	(2.00)
Sr. Human Resources Analyst	-	-	-	-	1.00	1.00
Human Resources Specialist	-	-	-	1.00	-	(1.00)
Human Resources Analyst	-	-	-	-	2.00	2.00
HR Specialist Training and Development	-	-	1.00	1.00	-	(1.00)
Human Resources Office Assistant	-	-	-	0.50	0.50	-
Human Resources Assistant	1.00	1.00	1.00	-	-	-
Human Resources Assistant	0.50	0.50	0.50	-	-	-

Risk Management

Risk and Safety Manager	-	-	1.00	1.00	-	(1.00)
Risk Manager	1.00	1.00	-	-	1.00	1.00
Senior Risk Management Specialist	-	-	1.00	1.00	-	(1.00)
Sr. Human Resources Analyst	-	-	-	-	1.00	1.00
Risk Management Specialist	1.00	1.00	1.00	1.00	-	(1.00)
Claims Manager	1.00	1.00	-	-	-	-
Human Resources Analyst	-	-	-	-	1.00	1.00

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
<u>Safety</u>						
Emergency Response Administrator	-	-	1.00	1.00	-	(1.00)
Emergency Management & Safety Administrator	-	-	-	-	1.00	1.00
Safety & Training Manager	1.00	1.00	-	-	-	-
Safety & Training Specialist	1.00	1.00	1.00	1.00	1.00	-
Safety & Training Assistant	1.00	1.00	1.00	1.00	1.00	-
Total Human Resources	11.50	11.50	12.50	12.50	12.50	-

INFORMATION SYSTEMS

Administration

Director of Information Systems	1.00	1.00	1.00	1.00	1.00	-
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Business Applications

Business Applications Manager	1.00	1.00	1.00	1.00	-	(1.00)
Information Systems Manager	-	-	-	-	1.00	1.00
Information Systems Analyst III	2.00	2.00	2.00	3.00	-	(3.00)
Information Systems Analyst II	2.00	2.00	2.00	5.00	4.00	(1.00)
GIS Specialist II	2.00	1.00	1.00	1.00	-	(1.00)
GIS Specialist I	-	1.00	1.00	1.00	-	(1.00)
GIS Analyst II	-	-	-	-	1.00	1.00
GIS Analyst I	-	-	-	-	1.00	1.00

Desktop Support

Information Systems Analyst II	1.00	1.00	1.00	-	1.00	1.00
Information Systems Analyst I	1.00	1.00	-	-	-	-
Information Systems Specialist II	1.00	1.00	2.00	-	2.00	2.00
Information Systems Specialist I	-	-	-	-	1.00	1.00

Network & Systems

Network & Systems Manager	1.00	1.00	1.00	1.00	-	(1.00)
Information Systems Manager	-	-	-	-	1.00	1.00
Information Systems Analyst III	2.00	2.00	1.00	-	-	-
Information Systems Analyst II	-	-	2.00	2.00	4.00	2.00
Information Systems Analyst I	-	-	-	-	1.00	1.00
Senior SCADA System Analyst III	1.00	1.00	1.00	-	-	-
Senior SCADA System Analyst	-	-	-	-	1.00	1.00
Senior Information System Analyst	-	-	-	1.00	-	(1.00)
SCADA System Analyst I	1.00	1.00	1.00	1.00	1.00	-
Information Security Analyst	1.00	1.00	1.00	1.00	-	(1.00)

Total Information Systems	17.00	17.00	18.00	18.00	20.00	2.00
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PUBLIC AFFAIRS & CUSTOMER EXPERIENCE

Administration

Director of Public Affairs & Customer Experience	1.00	1.00	1.00	1.00	1.00	-
Government & Regional Affairs Coordinator	-	1.00	1.00	1.00	-	(1.00)
Government Affairs Program Manager	-	-	-	-	1.00	1.00
Management Analyst	1.00	1.00	1.00	1.00	1.00	-
Administrative Assistant	1.00	1.00	1.00	1.00	1.00	-

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
<u>Customer Billing</u>						
Revenue Manager	1.00	1.00	1.00	1.00	1.00	-
Assistant Revenue Manager	1.00	1.00	1.00	1.00	-	(1.00)
Revenue Services Supervisor	-	-	-	-	1.00	1.00
Accountant II	-	-	-	-	1.00	1.00
Accountant	1.00	1.00	1.00	1.00	-	(1.00)
Accounts Receivable Technician	7.00	7.00	6.00	6.00	-	(6.00)
Sr. Accounts Receivable Assistant	1.00	1.00	2.00	2.00	-	(2.00)
Accounts Receivable Assistant	3.00	3.00	3.00	3.00	-	(3.00)
Accounting Technician	-	-	-	-	8.00	8.00
Accounting Assistant	-	-	-	-	3.00	3.00
<u>Customer Service</u>						
Customer Service Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Customer Service Manager	-	-	-	-	1.00	1.00
Customer Service Representative III	2.00	2.00	2.00	2.00	-	(2.00)
Senior Customer Service Representative	-	-	-	-	2.00	2.00
Customer Service Representative II	7.00	8.00	5.00	6.00	7.00	1.00
Customer Service Representative I	5.00	4.00	6.00	5.00	4.00	(1.00)
Office Assistant II	1.00	1.00	1.00	1.00	1.00	-
<u>Meter Readers</u>						
Meter Reader Manager	1.00	1.00	1.00	1.00	1.00	-
Meter Reader Crew Chief	2.00	2.00	2.00	2.00	2.00	-
Field Service Representative	3.00	3.00	3.00	3.00	-	(3.00)
Meter Service Representative	-	-	-	-	3.00	3.00
Meter Reader II	4.00	4.00	5.00	5.00	5.00	-
Meter Reader I	10.00	11.00	8.00	9.00	9.00	-
Meter Reader Trainee	2.00	1.00	3.00	2.00	-	(2.00)
Service Worker	-	-	-	-	2.00	2.00
<i>Sub-total Customer Experience</i>	<u>55.00</u>	<u>56.00</u>	<u>55.00</u>	<u>55.00</u>	<u>55.00</u>	<u>-</u>
<u>Communication Administration</u>						
Director of Communications & Conservation	1.00	1.00	-	-	-	-
Administrative Assistant II	1.00	-	-	-	-	-
Administrative Assistant I	-	1.00	1.00	-	-	-
<u>Outreach & Education</u>						
Government Affairs Specialist	1.00	-	-	-	-	-
Communication Manager	-	-	1.00	1.00	-	(1.00)
Communications Manager/PIO	-	-	-	-	1.00	1.00
Multimedia Specialist	1.00	1.00	1.00	1.00	1.00	-
Education Specialist	2.00	1.00	2.00	1.00	1.00	-
Education Associate	-	1.00	-	1.00	-	(1.00)
Communications Specialist	4.00	4.00	4.00	4.00	4.00	-
Communications Assistant	1.00	1.00	1.00	1.00	-	(1.00)
Administrative Assistant	-	-	-	-	1.00	1.00
<u>Water Management</u>						
Conservation Manager	1.00	1.00	1.00	1.00	1.00	-
Administrative Assistant I	-	-	-	1.00	-	(1.00)

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
Administrative Assistant	-	-	-	-	1.00	1.00
Office Assistant II	1.00	1.00	1.00	1.00	1.00	-
Water Management Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Water Management Specialist II (Lead)	3.00	3.00	1.00	1.00	-	(1.00)
Water Management Specialist I	5.00	7.00	7.00	7.00	-	(7.00)
Water Management Technician	3.00	1.00	1.00	1.00	-	(1.00)
Senior Conservation Program Specialist	-	-	-	-	2.00	2.00
Conservation Program Specialist II	-	-	-	-	6.00	6.00
Conservation Program Specialist I	-	-	-	-	1.00	1.00
Water Management Aide	1.00	1.00	2.00	2.00	2.00	-
<i>Sub-total Public Affairs</i>	<i>26.00</i>	<i>25.00</i>	<i>24.00</i>	<i>24.00</i>	<i>22.00</i>	<i>(2.00)</i>
<i>Total Public Affairs & Customer Experience</i>	<i>81.00</i>	<i>81.00</i>	<i>79.00</i>	<i>79.00</i>	<i>77.00</i>	<i>(2.00)</i>

OPERATIONS AND MAINTENANCE

Administration

Assistant General Manager - Operations ⁽¹⁾	-	-	-	-	-	-
Management Analyst	1.00	1.00	1.00	1.00	-	(1.00)
Senior Management Analyst	-	-	-	-	1.00	1.00
Asset Mgmt. Program Coordinator	1.00	1.00	1.00	1.00	-	(1.00)
Operations & Maintenance Scheduler II	1.00	1.00	1.00	-	-	-
CMMS Specialist	-	-	-	1.00	2.00	1.00
Operations & Maintenance Scheduler I	1.00	1.00	1.00	1.00	1.00	-
Administrative Assistant I	2.00	2.00	2.00	2.00	-	(2.00)
Administrative Assistant	-	-	-	-	2.00	2.00
<i>Sub-total - Administration</i>	<i>6.00</i>	<i>6.00</i>	<i>6.00</i>	<i>6.00</i>	<i>6.00</i>	<i>-</i>

Operations & Maintenance - Domestic

Assistant Director - Domestic	1.00	1.00	1.00	1.00	1.00	-
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Domestic Production & Metering Systems

Operations Manager Domestic	1.00	1.00	1.00	1.00	1.00	-
Water System Analyst	-	1.00	1.00	1.00	1.00	-

Domestic Production

Domestic Water Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Operations Supervisor Domestic	-	-	-	-	1.00	1.00
Date Palm Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Date Palm Serviceworker III	1.00	1.00	1.00	1.00	-	(1.00)
Date Palm Water Quality Operator II	1.00	-	-	-	-	-
Date Palm Water Quality Operator I	1.00	1.00	1.00	1.00	-	(1.00)
Date Palm Serviceworker I	2.00	2.00	3.00	4.00	-	(4.00)
Date Palm Serviceworker Trainee	1.00	2.00	1.00	-	-	-
Valley Crew Chief	-	-	1.00	1.00	-	(1.00)
Valley Senior Serviceworker	1.00	1.00	-	-	-	-
Valley Water Quality Operator III	1.00	1.00	1.00	1.00	-	(1.00)
Valley Water Quality Operator II	2.00	2.00	2.00	2.00	-	(2.00)
Valley Water Treatment Operator II	1.00	1.00	-	-	-	-

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
Valley Serviceworker II	1.00	1.00	1.00	1.00	-	(1.00)
Valley Serviceworker I	1.00	1.00	1.00	2.00	-	(2.00)
Valley Serviceworker Trainee	-	-	1.00	-	-	-
La Quinta Water Treatment Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
La Quinta Serviceworker III	1.00	1.00	1.00	1.00	-	(1.00)
La Quinta Water Treatment Operator II	2.00	2.00	2.00	2.00	-	(2.00)
La Quinta Water Quality Operator II	1.00	1.00	1.00	1.00	-	(1.00)
La Quinta Serviceworker II	2.00	1.00	1.00	1.00	-	(1.00)
West Shores Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
West Shores Serviceworker III	1.00	1.00	1.00	1.00	-	(1.00)
West Shores Distribution Operator II	3.00	4.00	4.00	3.00	-	(3.00)
West Shores Distribution Operator I	2.00	1.00	1.00	1.00	-	(1.00)
West Shores Distribution Utility Worker III	1.00	1.00	1.00	1.00	-	(1.00)
West Shores Meter & Valve Tech Trainee	1.00	1.00	1.00	1.00	-	(1.00)
Domestic Water Serviceworker Trainee	-	-	-	1.00	-	(1.00)
Operations Domestic Crew Chief	-	-	-	-	4.00	4.00
Domestic Distribution Operator II	-	-	-	-	10.00	10.00
Domestic Distribution Operator I	-	-	-	-	7.00	7.00
Domestic Water Technician II	-	-	-	-	2.00	2.00
Domestic Water Technician I	-	-	-	-	1.00	1.00
Domestic Equipment Technician	-	-	-	-	2.00	2.00
Service Worker	-	-	-	-	1.00	1.00
<u>Domestic Metering Systems</u>						
Domestic Water Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Operations Supervisor Domestic	-	-	-	-	1.00	1.00
Backflow/Cross Connection Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Cross Connection Technician I	2.00	2.00	3.00	2.00	-	(2.00)
Cross Connection Technician II	-	-	-	1.00	-	(1.00)
Cross Connection Technician III	1.00	1.00	-	-	-	-
Backflow Meter & Valve Tech I	-	1.00	1.00	1.00	-	(1.00)
Backflow Meter & Valve Tech Trainee	-	1.00	1.00	1.00	-	(1.00)
Meter Repair Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Meter Repair Meter & Valve Tech III	1.00	1.00	1.00	1.00	-	(1.00)
Meter Repair Meter & Valve Tech II	2.00	2.00	2.00	2.00	-	(2.00)
Meter Repair Meter & Valve Tech I	3.00	3.00	2.00	3.00	-	(3.00)
Meter Repair Meter & Valve Tech Trainee	1.00	-	1.00	-	-	-
PCD/Air Vac Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
PCD/Air Vac Meter & Valve Tech III	1.00	1.00	1.00	1.00	-	(1.00)
PCD/Air Vac Meter & Valve Tech II	2.00	1.00	1.00	1.00	-	(1.00)
PCD/Air Vac Meter & Valve Tech I	1.00	1.00	1.00	1.00	-	(1.00)
PCD/Air Vac Meter & Valve Tech Trainee	2.00	2.00	2.00	2.00	-	(2.00)
Domestic Crew Chief	-	-	-	-	3.00	3.00
Domestic Water Technician II	-	-	-	-	5.00	5.00
Domestic Water Technician I	-	-	-	-	8.00	8.00
Service Worker	-	-	-	-	3.00	3.00
<u>Domestic Construction & Maintenance</u>						
Operations Manager Domestic	1.00	1.00	1.00	1.00	1.00	-

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
<u>Domestic Maintenance</u>						
Emergency Response Administrator	1.00	1.00	-	-	-	-
Domestic Water Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Operations Supervisor Domestic	-	-	-	-	1.00	1.00
System Maintenance Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
System Maintenance Distribution Operator II	2.00	1.00	-	-	-	-
System Maintenance Distribution Operator I	1.00	2.00	2.00	-	-	-
System Maintenance Distribution Trainee	1.00	1.00	1.00	3.00	-	(3.00)
System Maintenance Distribution Utility Worker II	-	-	1.00	1.00	-	(1.00)
Valve Repair Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Valve Repair Equipment Operator I	1.00	1.00	1.00	1.00	-	(1.00)
Valve Repair Distribution Operator III	-	1.00	1.00	1.00	-	(1.00)
Valve Repair Distribution Operator II	1.00	1.00	1.00	1.00	-	(1.00)
Valve Repair Distribution Operator I	2.00	2.00	2.00	2.00	-	(2.00)
Valve Repair Distribution Operator Trainee	1.00	-	-	-	-	-
Hydrant Maintenance Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Hydrant Maintenance Distribution Operator III	1.00	-	-	-	-	-
Hydrant Maintenance Distribution Operator II	-	1.00	1.00	1.00	-	(1.00)
Hydrant Maintenance Distribution Operator I	2.00	2.00	3.00	3.00	-	(3.00)
Hydrant Maintenance Distribution Trainee	1.00	1.00	-	-	-	-
Domestic Maintenance Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Domestic Maintenance Distribution Operator III	1.00	1.00	1.00	1.00	-	(1.00)
Domestic Maintenance Distribution Operator II	1.00	1.00	1.00	1.00	-	(1.00)
Domestic Maintenance Distribution Operator I	3.00	3.00	2.00	1.00	-	(1.00)
Domestic Maintenance Distribution Trainee	-	-	1.00	2.00	-	(2.00)
Domestic Crew Chief	-	-	-	-	4.00	4.00
Domestic Water Technician Senior	-	-	-	-	1.00	1.00
Domestic Water Technician II	-	-	-	-	1.00	1.00
Domestic Water Technician I	-	-	-	-	10.00	10.00
Domestic Equipment Technician	-	-	-	-	3.00	3.00
Equipment Operator II	-	-	-	-	1.00	1.00
Service Worker	-	-	-	-	4.00	4.00
<u>Domestic Construction</u>						
Domestic Water Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Operations Supervisor Domestic	-	-	-	-	1.00	1.00
Leak Repair Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Leak Repair Distribution Operator III	1.00	1.00	1.00	1.00	-	(1.00)
Leak Repair Distribution Operator II	1.00	2.00	2.00	2.00	-	(2.00)
Leak Repair Distribution Operator I	1.00	-	1.00	1.00	-	(1.00)
Leak Repair Distribution Operator Trainee	1.00	1.00	-	-	-	-
Leak Repair Distribution Utility Worker I	1.00	1.00	1.00	1.00	-	(1.00)
Service Installation Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Service Installation Distribution Operator III	1.00	1.00	1.00	1.00	-	(1.00)
Service Installation Equipment Operator	1.00	1.00	1.00	1.00	-	(1.00)
Service Installation Distribution Operator I	2.00	2.00	1.00	-	-	-
Service Installation Distribution Operator Trainee	-	-	2.00	3.00	-	(3.00)
Service Installation Distribution Utility Worker II	1.00	1.00	-	-	-	-
Leak Detection Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Leak Detection Meter & Valve Tech III	1.00	1.00	1.00	1.00	-	(1.00)
Leak Detection Meter & Valve Tech II	3.00	3.00	3.00	3.00	-	(3.00)
Leak Detection Meter & Valve Tech I	-	-	-	1.00	-	(1.00)

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
Facilities Location Technician III	2.00	2.00	2.00	2.00	-	(2.00)
Facilities Location Technician II	1.00	1.00	1.00	-	-	-
Construction Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Construction Distribution Operator II	1.00	2.00	2.00	1.00	-	(1.00)
Construction Distribution Operator I	2.00	3.00	3.00	3.00	-	(3.00)
Construction Distribution Operator Trainee	2.00	-	-	1.00	-	(1.00)
Domestic Crew Chief	-	-	-	-	4.00	4.00
Domestic Water Technician Senior	-	-	-	-	1.00	1.00
Domestic Water Technician II	-	-	-	-	5.00	5.00
Domestic Water Technician I	-	-	-	-	7.00	7.00
Domestic Equipment Technician	-	-	-	-	5.00	5.00
Equipment Operator II	-	-	-	-	1.00	1.00
Service Worker	-	-	-	-	3.00	3.00
<i>Sub-total - Domestic</i>	<i>105.00</i>	<i>105.00</i>	<i>104.00</i>	<i>104.00</i>	<i>104.00</i>	<i>-</i>
<u>Facilities & Maintenance</u>						
Assistant Director - Facilities & Maintenance	1.00	1.00	1.00	1.00	1.00	-
<u>Operations</u>						
Operations Manager Facilities	1.00	1.00	1.00	1.00	1.00	-
<u>Canal & Irrigation Distribution</u>						
Canal & Irrigation Distribution Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Irrigation Distribution Supervisor	1.00	-	-	-	-	-
Operations Supervisor Stormwater, Canal & Drain	-	-	-	-	1.00	1.00
Canal Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Irrigation Distribution Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Meter Repair Worker I	-	1.00	1.00	-	-	-
Meter Repair Worker II	1.00	-	-	1.00	-	(1.00)
Irrigation Utility Worker II	1.00	2.00	1.00	2.00	-	(2.00)
Irrigation Utility Worker I	5.00	3.00	2.00	5.00	-	(5.00)
Irrigation System Worker III	1.00	1.00	1.00	1.00	-	(1.00)
Irrigation System Worker II	2.00	3.00	3.00	4.00	-	(4.00)
Irrigation System Worker I	5.00	4.00	6.00	1.00	-	(1.00)
Operations Crew Chief Stormwater, Canal & Drain	-	-	-	-	2.00	2.00
Canal Water Technician Senior	-	-	-	-	1.00	1.00
Canal Water Technician II	-	-	-	-	4.00	4.00
Canal Water Technician I	-	-	-	-	9.00	9.00
<u>Facilities Maintenance</u>						
Facilities Maintenance Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Operations Supervisor Grounds	-	-	-	-	1.00	1.00
Facilities Maintenance Crew Chief	1.00	1.00	1.00	-	-	-
Senior Facilities Worker	1.00	1.00	1.00	1.00	-	(1.00)
Facilities Worker	4.00	4.00	4.00	5.00	-	(5.00)
Grounds Maintenance Technician	-	-	-	-	1.00	1.00
Grounds Maintenance Worker	-	-	-	-	5.00	5.00
<u>Zanjeros</u>						
Zanjero Supervisor	1.00	-	1.00	-	-	-
Zanjero Crew Chief	1.00	2.00	1.00	2.00	-	(2.00)

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
Operations Crew Chief Zanjero	-	-	-	-	1.00	1.00
Zanjero III	3.00	4.00	3.00	3.00	-	(3.00)
Senior Zanjero	-	-	-	-	3.00	3.00
Zanjero II	5.00	2.00	1.00	1.00	2.00	1.00
Zanjero I	3.00	1.00	1.00	3.00	3.00	-
Zanjero Trainee	3.00	8.00	10.00	8.00	-	(8.00)
Irrigation Technician	1.00	1.00	1.00	1.00	-	(1.00)
Department Aide/Crop Reporter	1.00	1.00	1.00	1.00	-	(1.00)
Service Worker	-	-	-	-	6.00	6.00
Canal Water Specialist	-	-	-	-	1.00	1.00
<u>Building Maintenance</u>						
Building Maintenance Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Operations Supervisor Buildings	-	-	-	-	1.00	1.00
Maintenance Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Operations Crew Chief Buildings	-	-	-	-	1.00	1.00
Operations Crew Chief Welding	-	-	-	-	1.00	1.00
Building Maintenance Trades Worker	6.00	6.00	6.00	6.00	-	(6.00)
Maintenance Worker	4.00	4.00	4.00	4.00	-	(4.00)
Welding Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Building Maintenance Technician	-	-	-	-	5.00	5.00
Building Maintenance Worker	-	-	-	-	5.00	5.00
Welder II	2.00	2.00	2.00	2.00	2.00	-
Welder I	3.00	3.00	3.00	2.00	2.00	-
<u>Electrical</u>						
Electrical Supervisor	1.00	1.00	1.00	1.00	1.00	-
Assistant Electrical Supervisor	1.00	1.00	-	-	-	-
Electrical Crew Chief	1.00	1.00	2.00	2.00	-	(2.00)
Operations Crew Chief Electrical	-	-	-	-	2.00	2.00
Electrician Senior	-	-	-	-	1.00	1.00
Electrician IV	1.00	2.00	1.00	2.00	-	(2.00)
Electrician III	3.00	2.00	2.00	1.00	-	(1.00)
Electrician II	8.00	7.00	7.00	7.00	7.00	-
Electrician I	2.00	3.00	4.00	4.00	6.00	2.00
HVAC Technician II	2.00	2.00	2.00	2.00	2.00	-
HVAC Technician I	1.00	1.00	1.00	1.00	2.00	1.00
Pump Maintenance Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Operations Crew Chief Pump Maintenance	-	-	-	-	1.00	1.00
Maintenance Worker	3.00	3.00	3.00	4.00	-	(4.00)
Maintenance Worker/Operator	1.00	1.00	1.00	-	-	-
Pump Maintenance Technician I	-	-	-	-	4.00	4.00
<u>Stormwater & Drainage</u>						
Stormwater & Drainage Maint. Supv.	1.00	1.00	1.00	1.00	-	(1.00)
Operations Supervisor Stormwater, Canal & Drain	-	-	-	-	1.00	1.00
Stormwater & Drainage Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Operations Crew Chief Stormwater, Canal & Drain	-	-	-	-	1.00	1.00
Heavy Equipment Operator	-	-	-	-	5.00	5.00
Equipment Operator II	5.00	4.00	3.00	4.00	8.00	4.00
Equipment Operator I	8.00	9.00	10.00	10.00	2.00	(8.00)

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
<u>Electronics</u>						
Electronics Supervisor	1.00	1.00	1.00	1.00	1.00	-
Assistant Electronics Supervisor	1.00	1.00	1.00	1.00	1.00	-
Electronics Specialist	-	-	-	-	1.00	1.00
Electronics Technician III	1.00	1.00	1.00	1.00	-	(1.00)
Electronics Technician II	4.00	4.00	3.00	3.00	5.00	2.00
Electronics Technician I	8.00	9.00	9.00	9.00	10.00	1.00
Electronics Technician Trainee	1.00	1.00	2.00	2.00	-	(2.00)
<u>Motorpool - Auto Shop</u>						
Fleet Manager	1.00	1.00	1.00	1.00	-	(1.00)
Fleet & Equipment Manager	-	-	-	-	1.00	1.00
Autoshop Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Operations Supervisor Automotive	-	-	-	-	1.00	1.00
Crew Chief	2.00	2.00	2.00	2.00	-	(2.00)
Operations Crew Chief Automotive	-	-	-	-	2.00	2.00
Automotive Technician III	2.00	2.00	2.00	2.00	-	(2.00)
Automotive Technician II	4.00	4.00	3.00	4.00	-	(4.00)
Automotive Technician I	4.00	4.00	4.00	5.00	-	(5.00)
Automotive Technician Trainee	1.00	1.00	2.00	-	-	-
Parts Specialist II	1.00	1.00	1.00	1.00	-	(1.00)
Parts Specialist I	1.00	1.00	1.00	1.00	-	(1.00)
Auto Shop Attendant	1.00	1.00	1.00	1.00	-	(1.00)
Fleet & Equipment Technician II	-	-	-	-	6.00	6.00
Fleet & Equipment Technician I	-	-	-	-	6.00	6.00
Fleet & Equipment Parts Specialist	-	-	-	-	2.00	2.00
<i>Sub-total - Facilities & Maintenance</i>	138.00	138.00	138.00	138.00	138.00	-
<u>Operations & Maintenance - Sanitation</u>						
Assistant Director - Sanitation	1.00	1.00	1.00	1.00	1.00	-
<u>Wastewater</u>						
Operations Manager	-	1.00	1.00	1.00	1.00	-
<u>Sanitation Collections</u>						
Collections Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Operations Supervisor Collections	-	-	-	-	1.00	1.00
Collections Construction Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Operations Crew Chief Collections	-	-	-	-	3.00	3.00
Collection Systems III	2.00	1.00	-	-	-	-
Collection Systems I	2.00	1.00	2.00	3.00	-	(3.00)
Collection Systems Trainee	1.00	3.00	3.00	2.00	-	(2.00)
Collections Maintenance Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Collection Systems III	2.00	2.00	1.00	-	-	-
Collection Systems II	1.00	1.00	-	-	-	-
Collection Systems I	1.00	-	1.00	2.00	-	(2.00)
Collection Systems Trainee	2.00	2.00	3.00	3.00	-	(3.00)
Collections Operations Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Collection Systems III	-	-	1.00	-	-	-
Collection Systems II	2.00	2.00	-	-	-	-
Collection Systems I	3.00	3.00	1.00	3.00	-	(3.00)

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
Collection Systems Trainee	1.00	1.00	4.00	3.00	-	(3.00)
Collections Maintenance Technician II	-	-	-	-	1.00	1.00
Collections Maintenance Technician I	-	-	-	-	12.00	12.00
Service Worker	-	-	-	-	3.00	3.00
<u>Mechanical</u>						
Mechanical Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Operations Supervisor Mechanical	-	-	-	-	1.00	1.00
Mechanical Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Operations Crew Chief Mechanical	-	-	-	-	1.00	1.00
Mechanical Maintenance Technician Senior	-	-	-	-	1.00	1.00
Mechanical Technician III	2.00	2.00	1.00	1.00	-	(1.00)
Mechanical Technician II	7.00	7.00	6.00	5.00	-	(5.00)
Mechanical Technician I	-	-	2.00	3.00	-	(3.00)
Mechanical Maintenance Technician II	-	-	-	-	4.00	4.00
Mechanical Maintenance Technician I	-	-	-	-	4.00	4.00
<u>Nonpotable Water/ Control</u>						
Nonpotable Ops Water Manager	1.00	1.00	1.00	1.00	-	(1.00)
Nonpotable Program Manager	-	-	-	-	1.00	1.00
Nonpotable Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Operations Crew Chief Nonpotable	-	-	-	-	1.00	1.00
Nonpotable Water Technician II	1.00	1.00	1.00	1.00	-	(1.00)
Nonpotable Water Technician Senior	-	-	-	-	1.00	1.00
Nonpotable Water Technician	-	-	-	-	2.00	2.00
Cross-Connection Technician III	1.00	1.00	1.00	1.00	-	(1.00)
Cross-Connection Technician II	1.00	1.00	-	-	-	-
Cross-Connection Technician I	-	-	1.00	1.00	-	(1.00)
Control Crew Chief	1.00	1.00	1.00	1.00	-	(1.00)
Operations Crew Chief Control	-	-	-	-	1.00	1.00
Control Operator II	4.00	3.00	2.00	3.00	-	(3.00)
Control Operator I	2.00	1.00	4.00	3.00	-	(3.00)
Control Operator Trainee	3.00	5.00	2.00	2.00	-	(2.00)
Irrigation Water Specialist	-	-	1.00	1.00	-	(1.00)
Control Systems Operator Senior	-	-	-	-	1.00	1.00
Control Systems Operator II	-	-	-	-	3.00	3.00
Control Systems Operator I	-	-	-	-	5.00	5.00
<u>Wastewater Reclamation Plant 1, 2, 4</u>						
Wastewater Reclamation Plant Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Wastewater Plant Manager IV	-	-	-	-	1.00	1.00
WRP Assistant Supervisor	2.00	2.00	2.00	2.00	-	(2.00)
Operations Crew Chief Wastewater	-	-	-	-	3.00	3.00
WRP Operator II	3.00	2.00	2.00	2.00	1.00	(1.00)
WRP Operator I	1.00	1.00	1.00	2.00	2.00	-
WRP Operator In Training	-	1.00	1.00	-	1.00	1.00
<u>Wastewater Reclamation Plant 7</u>						
Wastewater Reclamation Plant Supervisor	1.00	1.00	1.00	1.00	-	(1.00)
Wastewater Plant Manager IV	-	-	-	-	1.00	1.00
WRP Assistant Supervisor	2.00	2.00	2.00	2.00	-	(2.00)
Operations Crew Chief Wastewater	-	-	-	-	1.00	1.00

Authorized Position Listing - Fiscal Years 2021 through 2025

Description	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget	FY 2025 Change
WRP Operator III	2.00	2.00	2.00	2.00	2.00	-
WRP Operator II	3.00	4.00	2.00	2.00	2.00	-
WRP Operator I	1.00	-	-	1.00	2.00	1.00
WRP Operator in Training	-	-	2.00	1.00	-	(1.00)
<u>Wastewater Reclamation Plant 10</u>						
WRP Chief Operator	1.00	1.00	1.00	1.00	-	(1.00)
Wastewater Plant Manager V	-	-	-	-	1.00	1.00
WRP Shift Supervisor	2.00	2.00	2.00	2.00	-	(2.00)
Operations Supervisor Wastewater	-	-	-	-	2.00	2.00
Operations Crew Chief Wastewater	-	-	-	-	4.00	4.00
WRP Assistant Shift Supervisor	4.00	4.00	4.00	4.00	-	(4.00)
WRP Operator III	3.00	3.00	3.00	2.00	4.00	2.00
WRP Operator II	1.00	2.00	2.00	2.00	1.00	(1.00)
WRP Operator I	4.00	2.00	3.00	1.00	2.00	1.00
WRP Operator In Training	2.00	3.00	2.00	5.00	3.00	(2.00)
<i>Sub-total - Sanitation</i>	<i>81.00</i>	<i>81.00</i>	<i>81.00</i>	<i>81.00</i>	<i>81.00</i>	<i>-</i>
Total Operations & Maintenance	330.00	330.00	329.00	329.00	329.00	-
Total District	569.00	569.00	569.00	570.00	570.00	-

⁽¹⁾ Assistant General Manager - Operations is included in the position count in General Manager Administration.

Note: FY 2025 Position Types may vary by Title, Department, and Division based on operational needs and when vacancies are filled. The District will manage its overall FTE count to 570 and within the FY 2025 Expense Budget.

BENEFITS

The District offers medical, dental, and vision coverage to all full-time employees and participates in the California Public Employees Retirement System (CalPERS). Benefits are budgeted based on prior year elections, changes in anticipated cost, and contribution percentages based on the bargaining unit. The District has two separate bargaining units operating under multiyear Memorandum of Understandings (MOUs):

Association of Supervisory Support Evaluation Team (ASSET) – Expires December 31, 2026

Coachella Valley Water District Employees Association (CVWDEA) – Expires December 31, 2025

Bargaining unit MOUs provide for an annual Cost of Living Adjustment (COLA) based on the actual Riverside, San Bernardino, Ontario Consumer Price Index-U. The ASSET MOU provides for a minimum of 2 percent and a maximum of 5 percent COLA for FY 2025, and the CVWDEA agreement provides for a minimum of 2 percent and a maximum of 4.5 percent. Unrepresented staff follow the District’s Defined Benefit and Contribution Plan (DBCP), which the Board adopted in January 2023. The DBCP allows for consistency in the application of compensation and benefits as authorized by the Board for unrepresented staff. Additional information on benefits can be found in the Budget by Department section.

ACCOUNTING AND BUDGETING STRUCTURE

Proprietary Fund Accounting

The District’s financial reporting structure is fund-based. A fund is defined as a separate, self-balancing set of accounts used to account for resources that are segregated for specific purposes in accordance with special regulations, restrictions, or limitations. All District funds are categorized as proprietary funds, which are used to account for a government’s business-type activity. There are two types of proprietary funds – enterprise funds and internal service funds. Both fund types use the same Generally Accepted Accounting Principles (GAAP), which are similar to businesses in the private sector.

GAAP requires full accrual accounting. Revenues are recognized in the accounting period in which they are earned, and expenses are recognized in the accounting

period incurred. Both enterprise and internal service funds recover the full cost of providing services (including capital costs) through fees and other revenues, as well as charges on those who use their services.

CVWD reports Domestic Water, Canal Water, Sanitation, Stormwater, and Replenishment activities in enterprise funds. Enterprise funds are intended to be entirely or predominantly supported by user charges or rates. Operations are accounted for in a manner that shows a profit or loss comparable with industries in the private sector. Occasionally, rate adjustments are needed to ensure that the funds maintain adequate cash balances to cover operating costs, debt service, and capital repairs and replacements.

The District reports Motorpool, Dental Self-Insurance, and Workers’ Compensation as internal service funds. These funds are used to account for the financing of goods and services by one department to other departments or funds of the District. Internal service fund costs are allocated to the benefiting funds in the form of fees or charges.

HOW DOES THE BUDGET COMPARE TO THE ANNUAL FINANCIAL REPORT?

The budgetary management of District funds is based on the “bottom line” and whether the expenses, including capital replacements, are supported by revenue. CVWD evaluates its funds using its reserve balances, or “ending reserves.” This method works similarly to working capital and is the result of all transactions that affect assets and liabilities.

Some of the common differences between GAAP and the District’s budgetary basis of accounting are as follows:

Under the District’s budgetary basis, the receipt of debt proceeds, capital outlays (including the capital improvement program), and debt service principal payments are reported as nonoperating revenues and expenses. Depreciation expense is not reported.

The opposite is true under the GAAP basis of accounting: capital outlays are reflected as additions to assets on the balance sheet and depreciated over their useful lives. Debt proceeds are shown as a liability, and principal expenses on debt service are reflected as a reduction in liability.

Investment earnings and property taxes are considered operating revenue on a budgetary basis and are nonoperating revenue under GAAP.

Contributed assets and development fees are shown on the Statement of Revenues, Expenses, and Changes in Fund Net Position under GAAP. Under the budgetary basis, contributed assets are not recognized, and only restricted funds are shown as nonoperating revenue.

Under GAAP accounting, changes in the fair value of investments are treated as adjustments to revenue. This is not the case under the budgetary basis of accounting.

Reserves are generally defined as the difference between current assets and current liabilities on a budgetary basis. The net position in GAAP includes the difference between all assets and liabilities.

The timing of revenue and expenses are the same under both GAAP and the budgetary basis of accounting. Revenues are recognized when earned, and expenses are recognized when incurred.

WHAT IS A BUDGET?

The fiscal year 2025 budget is presented as a policy document, an operational tool, a financial planning tool, and a link to the District's Strategic Plan. In addition, it is also considered a link to the community. This document will be submitted to the Government Finance Officers Association (GFOA) for review and consideration for the Distinguished Budget Award, which the District has received annually since fiscal year 2013. The budget includes the financial planning and legal authority to obligate District funds. Additionally, the budget provides significant policy direction from the Board to District staff.

The budget provides five functions:

1. A POLICY DOCUMENT

Decisions made within the budget reflect the general principles or plans that guide future actions. As a policy document, the budget links desired goals and policy direction to the district's actual day-to-day activities.

The budget process affords an interesting and challenging opportunity to reassess plans, goals, and the means for accomplishing them.

2. AN OPERATIONAL TOOL

The budget directs the operation of the District. Activities of each function or department have been formalized and described in the Budget by Department chapter. This process helps maintain an understanding of the various enterprises of the District, how they relate to each other, and the goals and policies of the District and the Board. These include policy issues, staffing levels, long-range planning, capital spending plans, and rate setting.

3. A FINANCIAL PLANNING TOOL

Traditionally, the budget is a financial planning tool, but it is also a requirement. A balanced budget must be adopted and in place prior to the expense of District funds on July 1. The budget provides the authority to spend District funds. The District's budget is adopted at the fund level, so expenses may not exceed appropriations at that level. Revenues are estimated, along with available cash reserves, to indicate funds available for spending. The departmental requests for appropriations comprise the disbursement side of the budget.

4. A LINK TO THE STRATEGIC PLAN

The budget is the District's blueprint, and the Strategic Plan is an integral part of that blueprint. The Strategic Plan was adopted by the Board on February 14, 2023, and prioritizes initiatives that have been included in the fiscal year 2024 and fiscal year 2025 Budget. The goals and initiatives that were developed as a part of the Strategic Plan are linked to specific departments and are incorporated and reflected in their goals and budgets.

5. A LINK WITH THE COMMUNITY

The budget provides a unique opportunity to allow and encourage public review of District operations. The document describes the activities of the District, the reason or cause for those activities, future implications, and the direct relationship to constituents.

BUDGET PLANNING AND PREPARATION

Budget preparation begins each year in January when the groundwork for the upcoming fiscal year is laid out. Each department determines its requirements for the following fiscal year. Based on those requirements, budget requests are submitted and reviewed for approval. One of the key foundations of an enterprise fund budget is a solid projection of reserves, revenues, and expenses. Below is the budget calendar for fiscal year 2025.

Fiscal Year 2025 Budget Calendar	
Date	Description
January 15, 2024	Budget Kickoff Meetings with Departments
February 23, 2024	Budget Worksheets due to Finance Department
February 26, 2024	Department Overview Meetings with Finance
March 4, 2024	Budget Meetings with the General Manager
March 29, 2024	Board Study Session - FY 2025 Capital Improvement Plan and Forecast
April 16, 2024	Board Study Session for the Fiscal Year 2025 Operating Budget
May 21, 2024	Board Study Session for Domestic Forecast and State Water Project
June 11, 2024	Approval of the GANN Appropriation Limit for FY 2025
June 11, 2024	Adoption of Domestic, Canal, and Sanitation Rates for FY 2025
June 11, 2024	Adoption of the Fiscal Year 2025 Operating and Capital Budget
July 1, 2024	Beginning of the Fiscal Year 2025 Budget Year

PROPOSITION 218

The need for rate increases is evaluated each year as part of the budget process. Proposition 218, officially titled the “Right to Vote on Taxes Act,” was approved by California voters in 1996. It amended the State Constitution and established additional procedural requirements, as well as limitations on new and increased taxes, assessments, and property-related fees.

For special districts, such as CVWD, any fees or charges imposed on persons as an incident of property ownership (water commodity charges, service charges, sanitation fees, etc.) must comply with the requirements of this law. Specifically, the District must notify all affected property owners by mail 45 days prior to a public hearing on any proposed rate increase (other than those called for over the five-year term of a previous Proposition 218 majority protest proceeding). During the

45-day period, the property owner has the right to protest the increase in writing. After the hearing, if a majority of property owners and tenants of the impacted parcels submit written protests in opposition to the proposed rate increase, the increase will not be imposed.

Substantive requirements of Proposition 218 include restrictions on expenses that may be included in the fee or rate. For example, revenues cannot exceed the costs required to provide a property-related service, and revenues from a property-related fee cannot be used for any purpose other than that for which it was imposed.

These requirements suggest that an agency develop Cost of Service Studies that document the costs for which their property-related fees and rates are imposed, utilizing appropriate industry principles and guidelines. The District completed Cost of Service Studies for the Domestic, Canal, and Replenishment funds during fiscal year 2021, and the Sanitation fund in fiscal year 2022.

COMPONENTS OF THE BUDGET

There are three components of the budget:

1. BASE BUDGET

The base budget consists of budget proposals sufficient to maintain the operation of programs authorized in earlier years. Fiscal year 2025 budget targets were established at fiscal year 2024 base levels for all spending.

2. SUPPLEMENTAL REQUESTS

Departments may request funding above the base budget amount in order to maintain current levels of service, to provide for the expansion of existing programs, or to enable the implementation of new services or programs. These are considered to be supplemental requests. All supplemental funding requests must be thoroughly described and include a concise justification that reflects consideration of reasonable alternatives, particularly if the request involves the addition of full-time personnel.

3. CAPITAL IMPROVEMENTS

The budget includes authorized capital projects scheduled for design and/or construction during fiscal year 2025. The Board approves specific projects up to the funding approved in the budget. Budget amendments are considered if the total cost of the project is expected to exceed the original budget. The District's fiscal year 2025 Capital Improvement Budget is being funded primarily through grants, restricted funds, low-cost loans, and reserves.

Proposed and Adopted Budget

The proposed budget is reviewed with the General Manager in March in preparation for study sessions with the Board. The five-year forecast and projected reserves by fund are updated based on revenue projections and departmental budget requests. The proposed budget is prepared and available for public review during study sessions with the Board during the spring and focuses on the details of individual funds. Proposed rate increases, if any, are normally approved in May and June.

The final budget is presented at the first Board meeting in June to ensure adoption prior to the start of the new fiscal year on July 1. The adopted budget is issued as a formal published document, as modified by the Board.

Staff will begin preparation of the fiscal year 2026 Operating and Capital Improvement Budgets in January 2025. The budget calendar, board meeting dates, and agendas will be available for review online at www.cvwd.org.

Amending the Budget

Department directors are responsible for keeping expenses within budget allocations. Directors may exercise discretion in the administration of the budget to respond to changes in circumstances by requesting budget amendments between line items within their department in the same fund.

Budget transfers between departments within the same fund must be approved by both department directors. Any revisions that increase the total expenses within a fund must be approved by the General Manager and the Board. All Capital Improvement budget amendments must be approved by the General Manager.

Budget Reporting and Monitoring

The Finance Department and the individual departments monitor the budget using various reports and accounting controls.

Department directors are provided monthly financial reports to monitor and analyze their expenses in relation to their budget. In addition, consumptive revenue reports for the Domestic Water and Canal Water Funds are prepared and analyzed monthly. Formal financial reports and analyses comparing actual expenses and revenues against the budget are generated by the Finance Department and presented to the Board on a quarterly basis.

FINANCIAL POLICIES AND GUIDELINES

Financial policies and guidelines are used to establish similar goals and targets for the District’s financial operation, allowing the Board and District officials to monitor how well the District is performing. Formal policies provide for a consistent approach to financial strategies and set forth guidelines to measure financial performance and future budgetary programs.

General Financial Goals

- Ensure delivery of an adequate level of water-related services by assuring reliance on ongoing resources and maintaining an adequate financial base.
- Ensure the District is in a position to respond to changes in the economy or new service requirements without an undue amount of financial stress.
- Assure ratepayers and taxpayers that the District is well-managed financially.
- Adhere to the highest accounting and management policies as set by Government Finance Officers Association (GFOA), Governmental Accounting Standards Board (GASB), and other professional standards for financial reporting and budgeting.

Cash and Investments Goals

- Maintain cash and investment programs in accordance with CVWD’s Investment Policy, ensuring proper controls and safeguards are maintained.
- Manage District funds prudently and diligently, with an emphasis on the safety of principal, liquidity, and financial return on principal, in that order.

Revenue Guidelines

- Revenues will only be dedicated for specific purposes if required by Board action, law, or GAAP.
- Unrestricted revenue will be deposited in the appropriate fund and appropriated by the budget process.
- Current revenues will fund current expenses.
- One-time revenues may be dedicated to one-time expenses or one-time use of funds.

- One-time revenues may be dedicated to funding reserve shortfalls.
- Enterprise user fees will be examined on a cyclical basis, ensuring that they recover all direct and indirect costs of service and must be approved by the Board.
- Programs financed with grant monies will be budgeted in separate projects within the appropriate enterprise fund.

Operating Management and Budget Guidelines

- Revenue and expense forecasts will be prepared to evaluate the District’s ability to absorb operating costs due to changes in the economy, service demands, and capital improvements. The forecast will be updated annually and focus on a five-year outlook.
- Alternative means of service delivery will be evaluated, ensuring that quality services are provided to our ratepayers at the most competitive and economical cost.
- The budget process is intended to weigh all requests for resources within expected fiscal constraints. Requests made outside the budget process are discouraged. Appropriations requested after the adoption of the original budget will be approved only after considering the elasticity of revenues. All additional appropriations require Board approval.
- Budget development will use strategic multi-year fiscal planning, conservative revenue forecasts, and modified zero-based expense analysis.
- Based on the District’s definition of a balanced budget, current operating expenses will be paid from current revenues and reserves carried forward from the prior year. The District will avoid budgetary and accounting practices that balance the current budget at the expense of future budgets.
- Additional personnel will only be requested to meet program initiatives and policy directives after service needs have been thoroughly examined and it has been determined that additional staffing will result in increased revenue, enhanced operating efficiencies, or service levels. Personnel cost reductions will be achieved through attrition to the extent feasible.

Capital Management and Replacement Guidelines

- A multi-year replacement schedule of rolling stock and other equipment has been developed. Over 295,000 physical assets were identified, photographed, and evaluated. Asset information has been uploaded into the maintenance and management software, which is used to streamline operations, optimize maintenance and replacement practices, and help plan CIP projects. Replacement funds for rolling stock and other equipment are accumulated in the unrestricted reserves of each enterprise fund.
- A five-year Capital Improvement Plan (CIP) is developed and updated annually, including anticipated funding sources. The CIP should include adequate funding to support the repair and replacement of deteriorating infrastructure and avoidance of significant unfunded liability.
- Future operating, maintenance, and replacement costs associated with new capital improvements will be forecasted and included in the operating budget.
- Capital project requests will include a fiscal impact statement disclosing the expected operating impact of the project.

Reserve Policy

GOAL

The goal of maintaining adequate reserves is to ensure that there are appropriate levels of working capital in the District's enterprise funds to mitigate current and future risks (revenue shortfalls and unanticipated expenses), to ensure stable services and fees, and to obtain and maintain a credit rating of AA or better.

Properly designed policies send a positive signal to the community of ratepayers, bondholders, rating agencies, and regulatory agencies that the Board is committed to the District's long-term financial health and viability. Prudent financial management and best practices dictate that the District maintain appropriate reserves for emergency use, capital projects, obligations accruing on a current basis that will be paid in the future, and those required as a result of legal or external requirements.

OBJECTIVES

- Establish prudent fiscal reserve policies to ensure strong financial management to guide future District decisions.
- To build and maintain reserves that lead to an AA rating or better. This action will provide the District with resources to help stabilize the District's finances and position it to absorb economic downturns or large-scale emergencies.
- To help smooth rates from year to year and to promote equity over the years to ratepayers.
- To provide funding for current and future replacement of existing assets as they reach the end of their useful lives.
- To assist the District in meeting its short-term and long-term obligations.

DEFINITIONS

Reserves are defined as the amount of cash and investments in a fund, plus the accounts receivable, less the accounts payable, and less amounts due to others in the fund. This methodology indicates the relatively liquid portion of total enterprise fund capital, which constitutes a margin or buffer for meeting obligations.

1. **DESIGNATED RESERVES:** Designated reserves are reserves that are established and set aside to be used only for a specific, designated purpose (classified as unrestricted on the audited financial statements because the District retains authority to re- or de-designate funds).
2. **RESTRICTED RESERVES:** Restricted reserves are reserves that are restricted by an outside source, such as by statute, court, or contract (classified as restricted on the audited financial statements).
3. **UNDESIGNATED RESERVES:** It is assumed that all reserves will be Designated or Restricted, and therefore, there will be no undesignated reserves per policy, but reserves may be temporarily undesignated when they are received and until they are designated or restricted (these are classified as unrestricted on the audited financial statements).

NOTE: *The District’s audited financial statements segregate Net Position, which includes the effects of all assets and liabilities, some of which are nonspendable, not liquid, or have not been included in the current year’s budget. Therefore, the definition of “Reserves” is different than “Net Position,” and the two terms should not be used synonymously.*

Designated Reserves

Maintaining adequate reserves is important for providing reliable service to customers, financing long-term capital projects, and funding emergencies, should they arise. In this context, the following designated reserve categories represent the minimum reserve targets for each fund. However, the District’s goal is to have 365 days of cash on hand Districtwide to ensure sufficient available funding to meet its operating, capital, and debt service obligations. Days of cash on hand are determined by the amount of unrestricted reserves on hand divided by one day’s worth of operating and maintenance expenses (excluding depreciation).

- 1. OPERATING RESERVES:** cover operating costs for an established period. This reserve will ensure continuity of service regardless of cash flow and is considered working capital to be used to fund current expenses as needed.

Applicable Funds: All funds except internal service funds: Workers’ Compensation, Dental Self Insurance, and Motorpool.

Recommendation: Maintain minimum operating reserves at 90 days, or 25% of current year budgeted operating expenses (less depreciation and capital outlay). This balance will fluctuate from month to month. However, the year-end objective is to achieve this ending balance.

- 2. RATE STABILIZATION:** This reserve covers the smoothing of rates in the event of short to mid-term rate revenue loss and/or higher-than-anticipated operating expenses that cannot be supported by normal revenues.

Applicable Funds: Domestic, Sanitation, Canal, and Replenishment Funds (Stormwater is excluded because revenues consist of property taxes, which are relatively stable).

Recommendation: Establish the reserve at the higher of 10% of current year budgeted rate revenues or 10% of total budgeted operating

expenses less depreciation, capital outlay, and State Water Project expense. For Sanitation, establish the reserve at 10% of rate revenues.

- 3. CAPITAL IMPROVEMENT PROGRAM (CIP):** Ongoing replacement of capital facilities and additional investment in capital is essential to maintain the desired level of service for District customers and to meet increased demand for services. This reserve is designated to fund the capital improvement program and unforeseen capital projects. It is designed to stabilize funding for capital by accumulating “pay-as-you-go” reserves to reduce the reliance on other funds of capital financing, such as debt. This reserve can also be used in concurrence with outside funding sources.

Applicable Funds: Domestic, Sanitation, Canal, Stormwater, East Replenishment, West Replenishment.

Recommendation: This reserve should be set consistently with the District’s expected capital funding needs over a 5-year capital planning horizon, and these needs and funding amounts will vary. As such, the amount needed in this fund will be subject to Board review and discussion with District management. The appropriate level for the capital reserve will be set based on the desired level of “pay-as-you-go” funding in conjunction with other forms of capital funding, such as grants and debt. The District will strive to achieve a minimum funding level of 25% of the average, five-year, forecasted pay-as-you-go capital improvement expenditures for all funds except Stormwater and Canal. The District will strive to achieve Canal reserve levels of 2% of gross capital asset value and Stormwater reserves of 70% of the average five-year CIP.

- 4. EMERGENCY RESERVE:** These reserves help to ensure continued service to the District’s customers and service areas for events that are impossible to anticipate or budget. The ability of the District to quickly restore facilities and services is critical to the public health and safety of our residents. This fund will assist in covering emergency cash needs for any reason.

Applicable Funds: All funds except Workers’ Compensation, Dental Self Insurance, and Motorpool.

Recommendation: Domestic, Sanitation, West Replenishment, and East Replenishment Funds:

establish reserves at one percent (1.0%) of the net capital assets; Canal Fund: establish reserves at one percent (1.0%) of the replacement cost of fixed assets. Stormwater Fund reserves are set at \$17.6 million, per previous Board policy.

5. VEHICLE AND EQUIPMENT REPLACEMENT

RESERVE: The Vehicle and Equipment Replacement reserve provides capital replacement funding as the District's rolling stock and high-value equipment is depreciated over its useful life.

Applicable Funds: All enterprise funds and the Motorpool Fund.

Recommendation: Average of the five-year CIP for replacement vehicles per fund. The Board will determine an appropriate amount to set aside in the Vehicle and Equipment Replacement Reserve to fund the replacement of high-cost equipment assets based on forecasted needs.

6. OTHER SPECIAL PURPOSE RESERVES: The Board may, at its discretion, set aside reserves for a special project or purchase.

Applicable Funds: All funds.

Restricted Reserves

1. RESERVES FOR FUTURE CAPITAL

COMMITMENTS: These reserves are established by Board Ordinances to ensure that specific fees are set aside to provide for future purchases of imported water and expansion of the domestic water and sanitation systems. The following fees are in place at this time:

- a. Water System Backup Facilities Charge (WSBFC)
- b. Sanitation Capacity Charge (SCC)
- c. Supplemental Water Supply Charge (SWSC)

Recommendation: Interest earned in these reserves shall be credited to these reserves. There should be a positive balance in each of these funds at all times unless a specific repayment plan is identified.

2. RESERVE FOR DEBT SERVICE: Most debt issuances require a separately held reserve equal to one year of debt service, held by the trustee if

required and used in the last year of the debt repayment.

Debt service reserves are presently established for Assessment Districts and Community Facility Districts, which are not liabilities of the District. Certain borrowings such as SRF loans, publicly issued bonds, and federal loans through the WIFIA program may also require the funding of a debt service reserve on a loan-by-loan basis.

Recommendation: Establish a debt service reserve for the Domestic Water Fund per the requirements of the Drinking Water State Revolving Fund loan. In addition, the funding of a debt service reserve will be analyzed for each fund prior to the issuance of debt based on the requirements of the legal documents as well as the preferences/ requirements of the rating agencies and creditors at that time.

3. STATE WATER PROJECT: The District collects funds through the property tax rolls to make payments to the SWP. These payments will vary depending on the availability and supply provided to the District each year. Revenues primarily derive from property taxes based on the approved property tax rate and property value assessments updated on an annual basis.

Recommendation: Establish a SWP reserve comprised of four components, as outlined below, that ensure sufficient funds on hand to pay full contractual obligations to allow for full water delivery, if available.

Working Capital - Established at 50% (6 months) of the operating budget. This target is set on 6 months of operating budget basis due to the fund's major revenue source (property taxes) being primarily paid only two times per year in January and May, while expenses fluctuate significantly due to varying hydrology, and are paid at varying amounts throughout the year. The significant potential variability in cash flow timing requires an above-average working capital reserve to ensure contractual obligations are met.

Rate Stabilization – Established at 10% of budgeted property tax revenue to promote a stable SWP property tax rate despite unanticipated costs passed on by DWR. This target is necessary to compensate for the high risk of unanticipated and

unbudgeted expenses being invoiced by DWR for the SWP due to the nature of the SWP contract which allows the State to pass on CVWD’s share of any legitimate expense necessary to operate, maintain, repair, and replace the system, despite the limited availability of accurate advanced projections from the State.

Mandatory Water Purchase – This target is established at the SWP variable transportation cost for delivering 50% of the Table-A SWP Allocation and the SWP variable transportation cost for delivering the 9,500 af base amount of water for the Rosedale Rio Bravo agreement. CVWD routinely budgets for the 50% allocation delivery of Table-A based on an assumption of probable delivery amounts on an average year. This reserve target sets aside sufficient funding to pay for the unbudgeted incremental costs of a full 100% Table-A allocation year, such as in 2023, so that CVWD would receive the full benefit of its base entitlement. Under the same wet year assumption yielding a 100% Table-A allocation, the base allotment of 9,500 af would be offered and required to be purchased from the Rosedale Rio Bravo Agreement. This water is delivered via the SWP system, invoiced by DWR, and the SWP variable transportation costs are funded by the SWP Fund.

Optional Water Purchase – This target is established at the SWP variable transportation cost for delivering the full 7,000 af of optional water from the Rosedale Rio Bravo agreement, assuming its availability due to favorable hydrologic conditions. This water is also delivered via the SWP system, invoiced by DWR, and funded by the SWP Fund. As this water is optional and based on less common hydrology, it is not routinely budgeted for and requires a set aside of reserves to allow for the full delivery and benefit of this water should conditions materialize.

Reserve Procedures

- The Finance Department will perform a biennial reserve review to be submitted to the General Manager and Board of Directors.
- In addition, a reserve review will be required when a major change in conditions threatens the reserve levels established by this policy.

- The biennial review determines if the funding levels are still appropriate and aligned with Board goals and objectives.
- During the annual budget process, staff will recommend approval of the one-year capital improvement budget. If adequate funding is not available, the CIP reserve funds will be used.
- If the balance in any reserve category falls below the minimum targeted reserve level for two consecutive years, the Board of Directors will strive to adopt a 5-year strategy to restore reserves to the minimum targeted level.

STRATEGIC PLAN

What is a Strategic Plan?

A Strategic Plan is a tool that defines what is critical to the District’s success and the initiatives necessary to guide the District toward achieving its goals. The process began in 2014 when the District established a Strategic Plan to concentrate its efforts and energy toward defined initiatives, priorities, and action plans to guide the organization. A team is established for each plan update to help achieve those goals. The District annually reviews its accomplishments and evaluates ongoing efforts.

Goals

The strategic goals were developed within the framework of Effective Utility Management (EUM). EUM was developed by the major water and wastewater organizations in the United States and covers a range of desired utility outcomes in the areas of operations, infrastructure, customer satisfaction, community welfare, natural resource stewardship, and financial performance.

The strategic goals the District has selected to focus on cover six thematic areas:

- Exceptional Customer Service and Stakeholder Engagement
- Water Quality and Environmental Leadership
- Water Supply Optimization
- Infrastructure Investment and Management
- Operational Optimization
- Financial Viability

Initiatives

On February 14, 2023, the Board of Directors adopted the District's Strategic Plan to guide initiatives for fiscal years 2024 and 2025. There are fourteen initiatives, or project plans, that will continue to be the focus for fiscal year 2025, with an estimated cost of \$2.8 million. Quarterly updates are provided to the Board during the year to measure progress. Additional details regarding progress on specific initiatives can be found in the Budget by Fund and Budget by Department sections. The following table summarizes the current initiatives.



Domestic water reservoir near Lake Cahuilla in La Quinta, CA

Coachella Valley Water District FY 2025 Strategic Plan

	Initiative	Estimated Cost	Expectation
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1. Exceptional Customer Service & Stakeholder Engagement

EUM: Customer Satisfaction, Stakeholder Understanding and Community Sustainability

1	Coordinate community outreach for CVWD career opportunities	\$25,000	Educate the community on careers and opportunities at the District
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2. Water Quality & Environmental Leadership

EUM: Community Sustainability/Financial Stability and Operational Optimization/ Product Quality and Financial Viability/ Operational Resiliency, Operational Optimization and Financial Viability

2	Develop mitigation credits for infrastructure projects	\$175,000	Create scalable/expandable wetland and streambed restoration projects to satisfy the permit requirements at Wastewater Reclamation Plant 10
3	Perform review of converting chlorine gas to UV disinfection at Wastewater Reclamation Plant 10 (WRP 10)	\$100,000	Conduct feasibility study to evaluate the cost and benefits of implementing ultraviolet disinfection at WRP 10
4	Rehabilitate domestic water wells with elevated nitrate levels	\$450,000	Analyze rehabilitating wells with high nitrate levels by modifying wells screens to block the shallow screens as an alternative to redrilling wells
5	Analyze issues associated with implementing a zero emission fleet	\$150,000	Analyze the challenges related to acquiring fleet to meet the state's zero emission requirement by 2030 including charging or hydrogen refueling stations

3. Water Supply Optimization

EUM: Water Resource Sustainability/ Operational Optimization, Infrastructure Stability and Water Resource Sustainability

6	Expand conservation program incentives	\$30,000	Increase the use of smart-irrigation controllers by using new technology alternatives including Flume monitors and Rachio Smart Sprinkler Controller
7	Analyze the Groundwater Replenishment Reuse Project	\$250,000	Conduct feasibility study to use a blend of recycled and canal water for replenishment at Wastewater Reclamation Plants 7 and 10

4. Infrastructure Investment & Management

EUM: Operational Optimization and Infrastructure Strategy & Performance/ Operational Optimization and Infrastructure Strategy & Performance/ Operational Optimization/ Enterprise Resiliency

8	Analyze the economics of operating a CVWD meter testing and calibration facility	\$150,000	Conduct a feasibility study on constructing and operating a testing and calibration facility for domestic irrigation and RAC meters
9	Perform a pipe condition assessment pilot study	\$75,000	Verify pipeline integrity to complement asset management data allowing CVWD to develop a pipeline replacement program based on priority
10	Construct a model of the Coachella Canal to enhance training and operations	\$300,000	Provide a training tool for staff working with the canal system as the model would represent sections of the canal
11	Perform security vulnerability assessment on critical infrastructure sites	\$200,000	Hire a consultant to evaluate security at critical infrastructure sites to build on the Stantec report that evaluated CVWD campuses

5. Operational Optimization

EUM: Operational Optimization/ Employee and Leadership Development

12	Develop a comprehensive instrumentation implementation program	\$250,000	Create a long-term plan to ensure a successful transition into the new SCADA system, including developing prioritization, information transfer requirements, and training and staffing needs
13	Develop a comprehensive supervisor training program	\$100,000	Develop a standard operating procedures and process for training, cross training, mentoring, and apprenticeships

6. Financial Viability

EUM: Financial Viability and Enterprise Resiliency

14	Develop and Implement a comprehensive plan to ensure financial adequacy	\$500,000	Create a comprehensive multi-year plan to fund the District's priority capital projects and maintain operational service level through leveraging grants, non-rate income, loans, bonds, and reserves in a fiscally prudent manner to reduce the degree of rate increases otherwise necessary
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ALL FUNDS SUMMARY



All Funds Summary

The District reports its activities within proprietary funds. Proprietary funds are used to account for a government’s business-type activities, which recognize revenues and expenses on an accrual basis in accordance with Generally Accepted Accounting Principles (GAAP), similar to businesses in the private sector.

The adopted budget for each proprietary fund does not include depreciation but includes capital acquisitions and debt service payments, which impact cash flows.

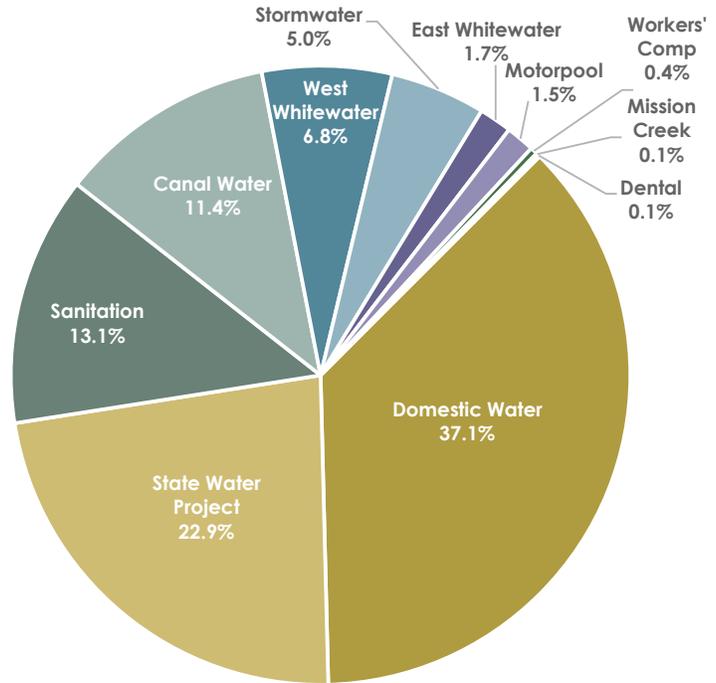
CVWD uses two types of proprietary funds to account for its activities, each of which is considered a separate accounting entity with a separate set of self-balancing accounts. All funds are accounted for as enterprise funds, with the exception of the Motorpool fund, Workers’ Compensation Self-Insurance fund, and Dental Self-Insurance fund, which are accounted for as internal service funds.

Changes occurring from year to year in the operating budget are generally incremental. Therefore, District officials can draw on recent budget experience when reviewing the following year’s budget requests. Capital projects or acquisitions requested in one year often differ from year to year. This is because many capital assets have long, useful lives and do not need to be replaced frequently. The operating and capital improvement budgets are presented separately to compensate for this variable.

The charts on this page depict fiscal year 2025 operating and debt service budget by fund and the capital improvement budget by fund.

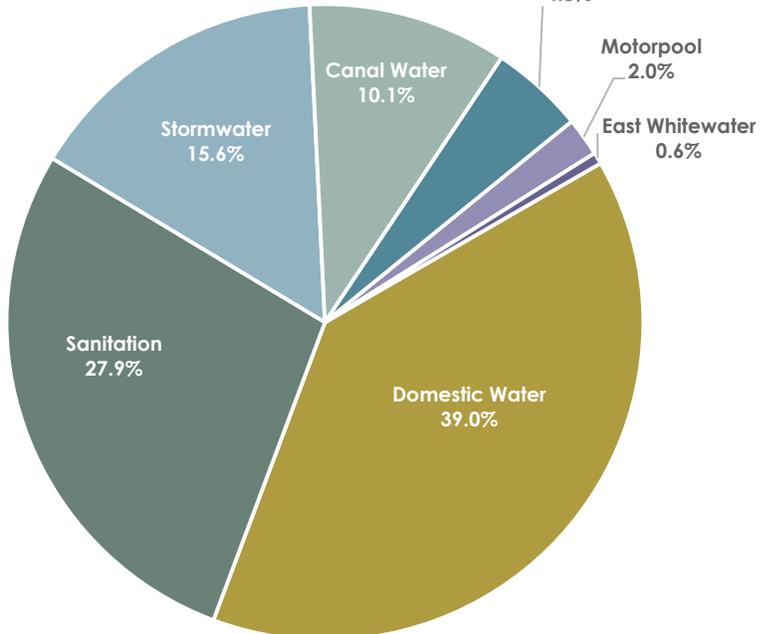
**Operating and Debt Service Expenses
Budget by Fund**

\$374,942,943



**Capital Improvement Expenses
Budget by Fund**

\$158,342,157



The Total Expenses by Fund summary details the total operating, debt service, and capital improvement budgets by fund. Total expenses reflect a 12.9% increase over the fiscal year 2024 budget. The Capital Improvement budget increased by \$37.3 million when compared to the fiscal year 2024 revised budget.

Total Expenses by Fund	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Operating and Debt Service						
Domestic Water	\$ 103,367,553	\$ 110,876,130	\$ 103,914,492	\$ 138,987,948	\$ 35,073,456	33.8%
State Water Project	65,899,613	75,770,215	94,013,010	85,859,936	(8,153,074)	-8.7%
Sanitation	39,645,307	49,787,779	44,124,938	48,943,381	4,818,443	10.9%
Canal Water ⁽²⁾	30,112,682	51,901,774	39,546,707	42,549,234	3,002,527	7.6%
West Whitewater ⁽²⁾	26,013,600	54,409,867	33,881,863	25,402,579	(8,479,284)	-25.0%
Stormwater	11,918,606	18,178,011	20,600,590	18,638,802	(1,961,788)	-9.5%
East Whitewater ⁽²⁾	9,607,901	22,443,784	7,453,674	6,406,798	(1,046,876)	-14.0%
Motorpool	5,365,302	7,820,492	5,428,462	5,598,475	170,013	3.1%
Workers' Comp	1,330,657	1,369,690	1,278,986	1,415,989	137,003	10.7%
Mission Creek ⁽²⁾	553,920	1,599,162	714,634	708,801	(5,833)	-0.8%
Dental	432,455	388,744	549,673	431,000	(118,673)	-21.6%
Total Operating, Debt Service, Other	\$ 294,247,597	\$ 394,545,647	\$ 351,507,029	\$ 374,942,943	\$ 23,435,914	6.7%
Capital Improvement Projects						
Domestic Water	\$ 9,688,161	\$ 26,179,949	\$ 29,165,212	\$ 61,807,297	\$ 32,642,085	111.9%
Sanitation	18,698,822	26,731,090	34,072,885	44,210,409	10,137,524	29.8%
Stormwater	70,402,127	27,087,122	37,153,042	24,706,375	(12,446,667)	-33.5%
Canal Water	6,089,141	12,134,631	16,450,738	16,060,375	(390,363)	-2.4%
West Whitewater	315,450	327,136	579,330	7,528,451	6,949,121	1199.5%
Motorpool	1,922,880	1,311,265	2,376,597	3,100,000	723,403	30.4%
East Whitewater	4,363,367	879,544	1,233,450	929,250	(304,200)	-24.7%
Total Capital Improvement Projects	\$ 111,479,948	\$ 94,650,737	\$ 121,031,254	\$ 158,342,157	\$ 37,310,903	30.8%
Total Expenses	\$ 405,727,545	\$ 489,196,384	\$ 472,538,283	\$ 533,285,100	\$ 60,746,817	12.9%

⁽¹⁾ Unaudited

⁽²⁾ Per Generally Accepted Accounting Principles (GAAP), the Legal Claim Contingency Accrual is a set aside of funding for potential future legal claims, and does not currently reflect an actual FY 2024 expenditure.

ALL FUNDS SUMMARY

The following table displays Districtwide revenues and expenses by type.

Revenue and Expense Summary	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Property Taxes - SWP	\$ 91,469,810	\$ 101,205,357	\$ 90,254,230	\$ 96,767,070	\$ 6,512,840	7.2%
Water Sales	78,133,422	78,481,953	89,413,418	92,170,960	2,757,542	3.1%
Property Taxes - General	55,985,010	63,048,669	54,340,933	61,903,428	7,562,495	13.9%
Loan Proceeds	59,871,298	59,187,966	47,545,891	51,099,626	3,553,735	7.5%
Sanitation Service Fees	43,573,016	50,846,478	46,676,885	51,054,446	4,377,561	9.4%
Grant Revenue	5,339,961	18,490,599	16,893,250	44,128,621	27,235,371	161.2%
Replenishment Charges	27,744,140	27,513,557	28,244,493	27,885,461	(359,032)	-1.3%
Service Charges	21,437,017	22,297,010	21,065,827	22,872,616	1,806,789	8.6%
Intergovernmental	12,267,120	17,648,274	21,852,649	21,989,554	136,905	0.6%
Use of Restricted Funds	2,109,016	8,519,842	10,699,500	19,671,763	8,972,263	83.9%
Charges for Services	16,149,797	18,198,744	12,564,911	13,682,339	1,117,428	8.9%
Investment Income	6,317,843	13,649,425	8,531,131	11,665,669	3,134,538	36.7%
Interfund Revenues	5,582,345	3,945,387	3,945,387	3,945,387	-	-
Availability Charges	2,965,362	2,976,224	2,705,000	2,717,900	12,900	0.5%
Surcharges	1,156,178	1,123,875	1,835,620	2,438,310	602,690	32.8%
Other Operating Revenue	2,577,938	7,832,602	1,260,000	2,426,500	1,166,500	92.6%
Other Non-Operating Revenue	4,453,892	3,673,026	-	205,559	205,559	-
Capital Improvement Reimbursements	732,943	88,722	-	-	-	-
Drought Penalties	10,849,396	514	-	-	-	-
Use of Unrestricted Reserves	-	-	14,709,158	6,659,891	(8,049,267)	-54.7%
Total Revenues	\$ 448,715,503	\$ 498,728,224	\$ 472,538,283	\$ 533,285,100	\$ 60,746,817	12.9%
Expenses						
Capital Improvement Budget	\$ 107,877,098	\$ 91,765,157	\$ 117,921,852	\$ 149,614,657	\$ 31,692,805	26.9%
Water Purchases	82,666,190	95,001,623	123,472,865	110,861,673	(12,611,192)	-10.2%
Salaries & Benefits (Net of Capitalized Labor)	87,476,600	94,294,375	98,432,098	104,173,422	5,741,324	5.8%
Supplies and Services	74,888,762	73,532,350	75,180,145	70,494,461	(4,685,684)	-6.2%
Debt Service - External	4,446,675	5,464,792	8,847,766	46,381,470	37,533,704	424.2%
Utilities	22,837,276	25,537,596	23,231,220	24,184,246	953,026	4.1%
Replenishment	13,068,044	13,271,960	14,016,530	13,793,714	(222,816)	-1.6%
General District Capital Projects	3,602,850	2,885,580	3,109,402	8,727,500	5,618,098	180.7%
Debt Service - Interfund	5,582,345	3,945,387	3,945,387	3,945,387	-	-
Capital Outlay	492,644	1,010,085	1,095,813	1,108,570	12,757	1.2%
QSA Mitigation Costs	2,706,745	3,285,204	3,285,205	-	(3,285,205)	-100.0%
Legal Claim Contingency Accrual ⁽²⁾	-	58,294,838	-	-	-	-
Other Non-Operating Expenses ⁽³⁾	82,315	20,907,436	-	-	-	-
Total Expenses	\$ 405,727,545	\$ 489,196,384	\$ 472,538,283	\$ 533,285,100	\$ 60,746,817	12.9%
Increase (Decrease) in Cash Flow	\$ 42,987,959	\$ 9,531,840	\$ -	\$ -	\$ -	-

⁽¹⁾ Unaudited

⁽²⁾ Per Generally Accepted Accounting Principles (GAAP), the Legal Claim Contingency Accrual is a set aside of funding for potential future legal claims, and does not currently reflect an actual FY 2024 expenditure.

⁽³⁾ Other Non-Operating Expenses includes prior period adjustments related to the GASB 96 implementation.

All Fund Summary

Fiscal year 2025 Total Revenues show an increase of 7.6% over fiscal year 2024, increasing by \$28.8 million overall. Property tax revenue continues to grow due to strong growth in assessed value (AV) and reflects a \$14.1 million increase over fiscal year 2024. A 5% increase in Domestic water rates and an 8.5% increase in Sanitation rates were adopted by the Board for fiscal year 2024, along with gate and surcharge rate increases for the Canal fund. Budgeted operating expenses are decreasing by \$14.1 million, or 4.2%, over fiscal year 2024. A decrease in expected water purchase expenses is the primary reason for the reduction, as the District expects to return to a lower level of water deliveries in fiscal year 2025. Details on specific increases are discussed in the following sections of this chapter.

All Fund Summary	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Water Sales	\$ 78,133,422	\$ 78,481,953	\$ 89,413,418	\$ 92,170,960	\$ 2,757,542	3.1%
Drought Penalties	10,849,396	514	-	-	-	-
Sanitation Service Fees	43,573,016	50,846,478	46,676,885	51,054,446	4,377,561	9.4%
Service Charges	21,437,017	22,297,010	21,065,827	22,872,616	1,806,789	8.6%
Availability Charges	2,965,362	2,976,224	2,705,000	2,717,900	12,900	0.5%
Replenishment Charges	27,744,140	27,513,557	28,244,493	27,885,461	(359,032)	-1.3%
Surcharges	1,156,178	1,123,875	1,835,620	2,438,310	602,690	32.8%
Property Taxes - General	55,985,010	63,048,669	54,340,933	61,903,428	7,562,495	13.9%
Property Taxes - SWP	91,469,810	101,205,357	90,254,230	96,767,070	6,512,840	7.2%
Charges for Services	16,149,797	18,198,744	12,564,911	13,682,339	1,117,428	8.9%
Intergovernmental	12,267,120	17,648,274	21,852,649	21,989,554	136,905	0.6%
Investment Income	6,317,843	13,649,425	8,531,131	11,665,669	3,134,538	36.7%
Other Revenue	2,577,938	7,832,602	1,260,000	2,426,500	1,166,500	92.6%
Total Revenues	\$ 370,626,049	\$ 404,822,682	\$ 378,745,097	\$ 407,574,253	\$ 28,829,156	7.6%
Expenses						
Salaries & Benefits (Net of Capitalized Labor)	\$ 87,476,600	\$ 94,294,375	\$ 98,432,098	\$ 104,173,422	\$ 5,741,324	5.8%
Supplies and Services	74,888,762	73,532,350	75,180,145	70,494,461	(4,685,684)	-6.2%
Utilities	22,837,276	25,537,596	23,231,220	24,184,246	953,026	4.1%
Replenishment	13,068,044	13,271,960	14,016,530	13,793,714	(222,816)	-1.6%
Water Purchases	82,666,190	95,001,623	123,472,865	110,861,673	(12,611,192)	-10.2%
QSA Mitigation Costs	2,706,745	3,285,204	3,285,205	-	(3,285,205)	-100.0%
Capital Outlay	492,644	1,010,085	1,095,813	1,108,570	12,757	1.2%
Total Expenses	\$ 284,136,261	\$ 305,933,193	\$ 338,713,876	\$ 324,616,086	\$ (14,097,790)	-4.2%
Operating Income (Loss)	\$ 86,489,788	\$ 98,889,489	\$ 40,031,221	\$ 82,958,167	\$ 42,926,946	107.2%
Nonoperating Revenues (Expenses)						
Interfund Transfers						
Interfund Revenues	\$ 5,582,345	\$ 3,945,387	\$ 3,945,387	\$ 3,945,387	\$ -	-
Debt Service - Interfund	(5,582,345)	(3,945,387)	(3,945,387)	(3,945,387)	-	-
Sources						
Loan Proceeds	59,871,298	59,187,966	47,545,891	51,099,626	3,553,735	7.5%
Capital Improvement Reimbursements	732,943	88,722	-	-	-	-
Use of Restricted Funds	2,109,016	8,519,842	10,699,500	19,671,763	8,972,263	83.9%
Grant Revenue	5,339,961	18,490,599	16,893,250	44,128,621	27,235,371	161.2%
Uses						
Debt Service - External	(4,446,675)	(5,464,792)	(8,847,766)	(46,381,470)	(37,533,704)	424.2%
Capital Improvement Projects	(107,877,098)	(91,765,157)	(117,921,852)	(149,614,657)	(31,692,805)	26.9%
General District Capital	(3,602,850)	(2,885,580)	(3,109,402)	(8,727,500)	(5,618,098)	180.7%
Legal Claim Contingency Accrual ⁽²⁾	-	(58,294,838)	-	-	-	-
Other Revenue (Expenses) ⁽³⁾	4,371,577	(17,234,410)	-	205,559	205,559	-
Total Nonoperating Revenues (Expenses)	\$ (43,501,829)	\$ (89,357,649)	\$ (54,740,379)	\$ (89,618,058)	\$ (34,877,679)	63.7%
Increase (Decrease) in Cash Flow	\$ 42,987,959	\$ 9,531,840	\$ (14,709,158)	\$ (6,659,891)	\$ 8,049,267	-54.7%
Beginning Reserve	\$ 420,207,884	\$ 463,195,843	\$ 453,245,843	\$ 472,727,682	\$ 19,481,839	4.3%
Ending Reserve	\$ 463,195,843	\$ 472,727,683	\$ 438,536,685	\$ 466,067,791	\$ 27,531,106	6.3%
Assigned Reserve	\$ 183,422,000	\$ 259,979,327	\$ 229,724,495	\$ 277,032,624	\$ 47,308,129	20.6%
Unassigned Reserve	\$ 279,773,843	\$ 212,748,356	\$ 208,812,190	\$ 189,035,168	\$ (19,777,023)	-9.5%
Days Cash on Hand	595	564	473	524	51	10.9%

⁽¹⁾ Unaudited

⁽²⁾ Per Generally Accepted Accounting Principles (GAAP), the Legal Claim Contingency Accrual is a set aside of funding for potential future legal claims, and does not currently reflect an actual FY 2024 expenditure.

⁽³⁾ Other Non-Operating Expenses includes prior period adjustments related to the GASB 96 implementation.

Property Taxes

Property taxes are an ad valorem (value-based) tax imposed on real property and tangible personal property. Proposition 13, passed in 1978, limits property tax to a maximum of 1% of assessed value, not including voter-approved rates for bond issuances and other special purposes. The property’s assessed value is capped at the 1975-76 base year, plus a maximum of a 2% increase per year. Property that declines in value may be reassessed at the lower market value. Upon a change of ownership, properties are reassessed to their current full value. Property tax revenue is collected by the county and allocated according to state law among cities, counties, school districts, and special districts.

Article XTTB of the California Constitution, commonly referred to as the Gann Appropriation Limit, adopted by California voters in 1980, placed limits on the amount of tax proceeds that the state and local agencies can appropriate and spend each year. The District is required to calculate the limit for each upcoming fiscal year, which the governing body must adopt by resolution. The amount of the limit is based on the amount of tax proceeds authorized to be spent in fiscal year 1978-1979, modified for changes in per capita income and population. The appropriation limit applies to non-voter taxes; therefore, the State Water Project is exempt from the calculation.

The District’s fiscal year 2024-25 appropriation limit is \$66,530,707. Based upon the estimated general tax receipts of \$61,903,428, the District is under the required limit and is able to appropriate 100% of its general taxes for fiscal year 2025.

Some property tax revenue is earmarked for tax levies that existed prior to Proposition 13. Currently, the District has two: Stormwater and Improvement District 1 (ID 1). The Stormwater tax levy dates back to the Storm Water District Act of 1909. Of the total general property taxes, \$28.9 million is earmarked for the Stormwater Fund. Property taxes are the primary funding source for the Stormwater Fund.

ID 1 was formed to fund contract repayment obligations for the Coachella Canal construction and operation and maintenance costs of the irrigation and drainage system. The U.S. Bureau of Reclamation (USBR, Bureau) owns the Canal but it is maintained and operated by the District. After the debt to the Bureau was paid, the District continued to levy the ID 1 tax for the purpose of maintaining the Canal.

In addition to the Stormwater and ID 1 tax, there are other Improvement District property taxes resulting from older bond issues that benefited the Domestic Water and Sanitation Funds.

After the earmarked property taxes are distributed to the appropriate funds, the balance is allocated to the enterprise funds as determined by the Board of Directors and adopted during the annual budget process.

The following table depicts the allocation of general property tax revenue by fund.

Total District Property Taxes by Fund	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Allocation %
Stormwater	\$ 26,190,115	\$ 29,457,239	\$ 25,481,906	\$ 28,864,127	46.6%
Canal	12,906,046	13,948,166	12,617,670	14,223,753	23.0%
Sanitation	2,583,707	6,489,590	5,992,771	6,587,021	10.6%
East Replenishment	9,583,525	7,480,011	5,000,000	6,036,976	9.8%
West Replenishment	2,164,781	2,598,360	2,451,574	3,310,629	5.3%
Domestic	2,556,836	3,075,303	2,797,012	2,880,922	4.7%
Total General Property Taxes	\$ 55,985,010	\$ 63,048,669	\$ 54,340,933	\$ 61,903,428	100.0%
State Water Project	\$ 91,469,810	\$ 101,205,357	\$ 90,254,230	\$ 96,767,070	100.0%
Total Budgeted Property Taxes	\$ 147,454,820	\$ 164,254,026	\$ 144,595,163	\$ 158,670,498	100.0%

⁽¹⁾ Unaudited

Retirement Benefits

The District participates in the California Public Employees' Retirement System (CalPERS). CalPERS offers a defined benefit plan where retirement benefits are based on a formula rather than contributions and earnings to a savings plan. The District's formula for Classic CalPERS members is 2.5% at 55, which means that, upon retirement at age 55, an employee with at least five years of service would receive 2.5% of their salary multiplied by the number of years of service. The CalPERS formula for PEPPA members is 2% at 62. The District must contribute an actuarially calculated amount each year, comprised of two components: the normal cost and the unfunded accrued liability (UAL).

Water Purchases

The District imports water from four sources: the Colorado River, the Metropolitan Water District of Southern California (MWD), Rosedale-Rio Bravo, and the State Water Project (SWP).

Colorado River Water

The District imports approximately 300,000 acre-feet (af) of water annually at no additional cost. The District receives additional water as part of the 2003 Quantification Settlement Agreement (QSA). The cost of the additional QSA water is based on the terms of the QSA agreement. See the Canal Water fund for additional information. The cost of the water purchased from the QSA agreement is approximately \$122 per acre-foot in fiscal year 2025.

Metropolitan Water District

In addition to the QSA water from the Colorado River, the District receives water from the State Water Project as part of the QSA. This water is identified as Metropolitan Water District QSA Transfer water and is currently being delivered to the West Whitewater Replenishment Fund. Through its agreement with

MWD, the District is entitled to receive 35,000 af of water. The cost of the water is dependent upon the QSA water cost and the cost of conveyance that is charged to the District by MWD to deliver the water to the replenishment facility. The cost of the water for fiscal year 2025 is estimated at approximately \$336 per acre-foot. See the West Whitewater Replenishment Fund for more information.

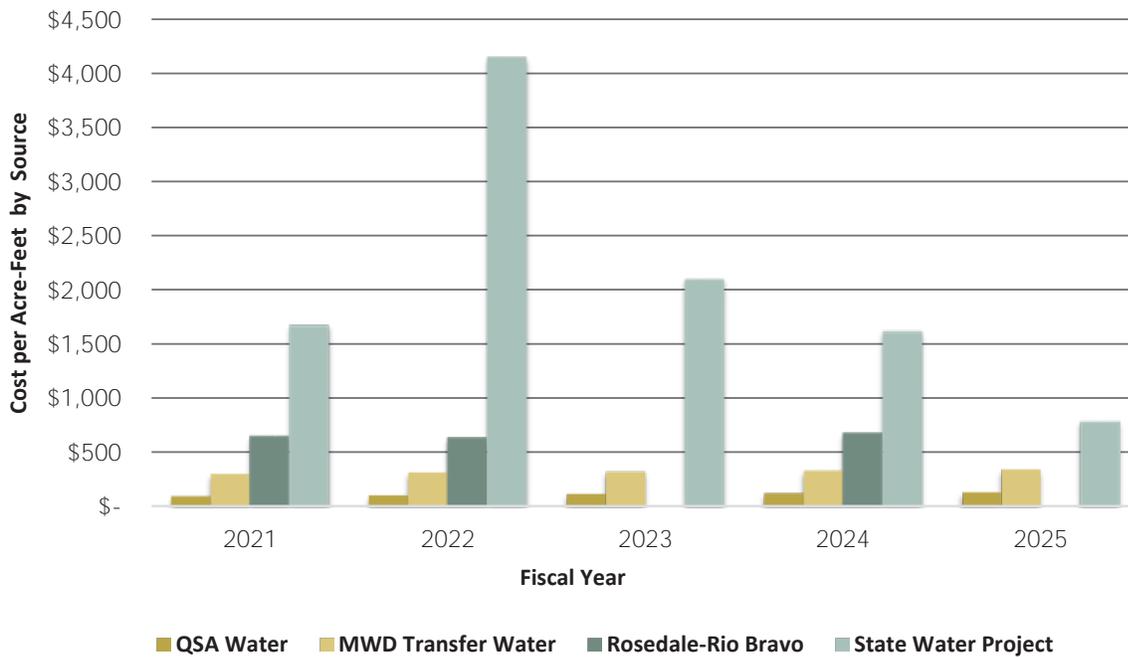
Rosedale-Rio Bravo

The District entered into a Water Supply Agreement in 2012 with Rosedale-Rio Bravo to purchase up to 16,500 af of water per year, if available. The cost of the water is adjusted annually based on a base rate plus a CPI inflator. The District is not expecting to receive any Rosedale-Rio Bravo water for fiscal year 2025.

State Water Project

The SWP is the nation's largest state-built water and power development conveyance system. The primary purpose of the SWP is to provide a water supply and delivery system to distribute water to areas of need in California. In 1963, the District entered into a water supply agreement with the State of California Department of Water Resources (DWR), becoming one of the original State Water Contractors. Each SWP contractor pays in proportion to their water supply allocations to cover the cost of constructing and operating facilities that store and transport the SWP water supply. Full payments are made each year for fixed SWP costs. Contractors also pay costs that vary depending on the amount of water delivered during the year. Availability of the water supply is highly variable based on the snowpack in the Sierras. As such, the cost per acre-foot is extremely variable. The cost of SWP is budgeted at approximately \$790 per acre-foot for fiscal year 2025, and fluctuates each year based on actual water deliveries. More information on the SWP can be found in the State Water Project fund section.

CVWD Source and Cost Per Acre-Feet of Water



Reserves

One measure of the District’s financial strength is the level of reserves or the accumulated revenues in excess of expenses. Although there is no set rule or formula for setting reserve levels, the need is determined primarily by the amount and degree of risk associated with revenues, pay-as-you-go vs. capital financing, and the requirements to fund emergencies or contingencies. In addition, the Government Finance Officers Association (GFOA) offers best practices for setting reserve levels, which the District has followed. As described in the Overview chapter, the District has adopted a reserve policy to signal to ratepayers, rating agencies, and regulatory agencies that the Board is committed to the District’s long-term financial health and vitality.

Maintaining healthy operating reserves is paramount to ensuring the District’s stable financial position for future borrowings. Some capital improvements are anticipated to be financed with debt or other loan instruments. Projected total reserves for fiscal year 2025 are \$6.7 million less than fiscal year 2024 unaudited ending reserves, as funds are being drawn down to fund capital projects.

The District has historically financed capital projects on a pay-as-you-go basis, utilizing excess reserves, which has allowed for the avoidance of interest and other debt issuance expenses. Beginning in fiscal year 2021, the need to complete larger capital projects required the issuance of debt, which now includes the East Replenishment, Domestic Water, and Stormwater funds. The District also has loans with the State Water Resources Control Board (SWRCB) for Domestic water and Sanitation (Nonpotable) projects and the U.S. Bureau of Reclamation (USBR) for the Canal fund. The five-year forecast includes \$664.3 million in proposed capital improvement projects. Numerous funding mechanisms are being explored to fund these critical projects, including debt issuance, State Revolving Fund loans, Federal Emergency Management Agency grants, and other grant funding.

The following table illustrates the projected ending operating reserves compared to the Assigned Reserve targets established in the District’s Reserve Policy. The Reserve Policy has two benchmarks: (1) minimum reserve targets for each type of reserve and (2) a Districtwide target of 365 days of cash on hand for total Assigned and Unassigned reserves.

Reserves by Fund	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	% of Total Reserves	Days Cash per Fund
Total Reserves by Fund						
Stormwater	\$ 153,311,452	\$ 148,299,788	\$ 124,833,510	\$ 138,738,048	29.8%	4,045
State Water Project	64,850,770	92,327,327	62,072,495	105,270,624	22.6%	448
Canal Water	67,422,271	61,064,422	80,317,248	73,678,870	15.8%	644
Sanitation	51,343,508	69,110,830	56,309,962	64,414,077	13.8%	495
Domestic Water	72,177,800	76,779,814	61,703,232	49,278,768	10.6%	175
West Whitewater	35,474,458	10,459,025	29,814,928	13,414,485	2.9%	228
East Whitewater	12,203,892	6,632,549	17,107,065	13,221,751	2.8%	1,068
Motorpool	1,185,726	3,883,101	1,185,726	3,883,101	0.8%	253
Mission Creek	4,384,327	3,486,937	4,350,880	3,484,178	0.7%	1,794
Workers' Comp	841,351	588,365	841,351	588,365	0.1%	152
Dental	288	95,525	288	95,525	0.0%	81
Total Reserves	\$ 463,195,843	\$ 472,727,682	\$ 438,536,685	\$ 466,067,791	100.0%	524
Assigned Reserves by Fund						
State Water Project	\$ 20,000,000	\$ 92,327,327	\$ 62,072,495	\$ 105,270,624	38.0%	448
Stormwater	47,139,000	50,283,000	50,283,000	50,859,000	18.4%	1,483
Domestic Water	42,006,000	43,323,000	43,323,000	47,433,000	17.1%	168
Canal Water	34,718,000	37,445,000	37,445,000	37,893,000	13.7%	331
Sanitation	24,378,000	19,738,000	19,738,000	22,029,000	8.0%	169
West Whitewater	9,590,000	11,995,000	11,995,000	8,259,000	3.0%	140
East Whitewater	5,383,000	4,622,000	4,622,000	5,045,000	1.8%	408
Mission Creek	208,000	246,000	246,000	244,000	0.1%	126
Total Assigned Reserves	\$ 183,422,000	\$ 259,979,327	\$ 229,724,495	\$ 277,032,624	100.0%	319

⁽¹⁾ Unaudited

The following table details the designated and restricted categories of reserves as defined by the District's Reserve Policy. The amounts are calculated based on the Reserve Policy definitions.

FY 2025 Reserve by Type	Domestic	Canal	Sanitation	Stormwater	Replenishment	State Water Project	Total
Designated							
Operating	\$ 25,647,000	\$ 10,400,000	\$ 11,749,000	\$ 3,119,000	\$ 6,651,000	\$ 42,930,000	\$ 100,496,000
Rate Stabilization	10,259,000	4,160,000	899,000	-	2,649,000	9,677,000	27,644,000
Capital Improvement	3,616,000	823,000	2,530,000	23,774,000	592,000	-	31,335,000
Emergency	5,620,000	22,054,000	4,491,000	17,600,000	1,687,000	-	51,452,000
Vehicle Replacement	1,450,000	456,000	869,000	246,000	79,000	-	3,100,000
SWP Water Purchases	-	-	-	-	-	52,663,624	52,663,624
Total Designated Reserves	\$ 46,592,000	\$ 37,893,000	\$ 20,538,000	\$ 44,739,000	\$ 11,658,000	\$ 105,270,624	\$ 266,690,624
Restricted							
Debt Service Coverage	841,000	-	1,491,000	6,120,000	1,890,000	-	10,342,000
Total Restricted Reserves	\$ 841,000	\$ -	\$ 1,491,000	\$ 6,120,000	\$ 1,890,000	\$ -	\$ 10,342,000
Total Assigned Reserves	\$ 47,433,000	\$ 37,893,000	\$ 22,029,000	\$ 50,859,000	\$ 13,548,000	\$ 105,270,624	\$ 277,032,624

Cost of Service Studies

The District completed cost of service studies (COSS) for the Domestic, Canal, and Replenishment funds in fiscal year 2021 and the Sanitation fund in fiscal year 2022. The studies reviewed the existing rate structures, allocated revenue requirements to the various customer classes, evaluated the adequacy of projected revenues under existing rates, and developed a sound financial plan for the forecast period. Rate setting procedures in California require that agencies responsible for imposing property-related charges demonstrate a nexus between the cost of providing the service and the services or benefits received. The consultants used standard water utility ratemaking practices to calculate the proposed rates, as promulgated by the American Water Works Association (AWWA). Rates adopted by the Board are included in fiscal year 2025 budget, and proposed rates are included in the five-year forecast.

The rate recommendations are designed to fund each fund's long-term costs of providing service while proportionally allocating costs among customers, providing a reasonable and prudent balance of revenue stability, and complying with the substantive requirements of California Constitution Article XIII D, section 6, commonly known as Proposition 218, to the extent that they apply to a particular charge. The Board reviews the proposed rates each year as part of the budget adoption process.

The Five-Year Forecast

The forecast on the following page is a model that takes a forward look at the District's revenues and expenses with the purpose of identifying financial trends, shortfalls, and issues so the Board and management can make proactive decisions. The financial forecast is not intended as a budget or as a proposed financial plan but is designed to give an indication of each fund's financial position under current assumptions. The forecast sets the stage for the upcoming budget process, aiding the General Manager and Board in establishing priorities and allocating resources appropriately.

The forecast is based on cash flow and differs from the District's audited financial statements. Financial statements exclude capital outlay and principal on debt in accordance with GAAP since these are reflected as additions to assets and reductions to liabilities on the balance sheet.

By including all cash-based transactions in the forecast, the District can determine whether revenues are adequate to cover all expenses and future capital needs. Forecasting is one of the most powerful tools the District has available to help make informed financial decisions that will ensure the District's future vitality and economic stability.

All Fund Summary Five-Year Forecast	FY 2025 Budget	FY 2026	FY 2027	FY 2028	FY 2029
		Forecast			
Revenues					
Water Sales	\$ 92,170,960	\$ 97,366,455	\$ 122,773,007	\$ 131,918,666	\$ 137,220,493
Sanitation Service Fees	51,054,446	55,889,709	61,188,244	61,819,636	62,457,620
Service Charges	22,872,616	24,440,797	30,678,434	32,828,267	33,936,818
Availability Charges	2,717,900	2,731,058	2,744,479	2,758,169	2,772,132
Replenishment Charges	27,885,461	29,452,713	31,563,133	32,659,288	33,121,346
Surcharges	2,438,310	2,831,080	3,145,699	3,233,352	3,473,540
Property Taxes - General	61,903,428	63,760,532	65,673,349	67,643,549	69,672,854
Property Taxes - SWP	96,767,070	77,017,791	79,328,325	86,514,538	89,109,974
Charges for Services	13,682,339	14,218,539	14,715,549	15,289,145	15,857,355
Intergovernmental	21,989,554	12,618,650	5,810,985	11,580,855	11,840,376
Investment Income	11,665,669	17,710,577	19,414,887	19,479,402	19,842,320
Other Revenue	2,426,500	2,426,500	2,426,500	2,426,500	2,426,500
Total Revenues	\$ 407,574,253	\$ 400,464,401	\$ 439,462,591	\$ 468,151,367	\$ 481,731,328
Expenses					
Salaries & Benefits (Net of Capitalized Labor)	\$ 104,173,422	\$ 108,186,321	\$ 113,939,403	\$ 120,910,786	\$ 126,044,068
Supplies and Services	70,494,461	73,184,148	75,542,324	77,585,446	79,686,202
Utilities	24,184,246	26,118,983	28,958,499	31,965,174	34,522,377
Replenishment	13,793,714	14,406,820	15,906,408	16,756,222	17,363,425
Water Purchases	110,861,673	122,582,577	128,308,762	135,971,058	140,162,316
Capital Outlay	1,108,570	1,164,003	1,222,209	1,283,320	1,347,487
Total Expenses	\$ 324,616,086	\$ 345,642,852	\$ 363,877,605	\$ 384,472,006	\$ 399,125,875
Operating Income (Loss)	\$ 82,958,167	\$ 54,821,549	\$ 75,584,986	\$ 83,679,361	\$ 82,605,453
Nonoperating Revenues (Expenses)					
Interfund Transfers					
Interfund Revenues	\$ 3,945,387	\$ 3,945,387	\$ 3,945,387	\$ 3,945,387	\$ 3,945,387
Debt Service - Interfund	(3,945,387)	(3,945,387)	(3,945,387)	(3,945,387)	(3,945,387)
Sources					
Loan Proceeds	51,099,626	106,018,670	38,583,570	16,762,800	8,250,000
Use of Restricted Funds	19,671,763	36,170,367	27,539,810	13,085,400	12,244,126
Grant Revenue	44,128,621	35,125,918	33,187,250	14,908,000	3,625,000
Uses					
Debt Service - External	(46,381,470)	(14,049,726)	(21,323,318)	(22,859,786)	(23,094,456)
Capital Improvement Projects	(149,614,657)	(169,157,055)	(147,102,620)	(92,145,800)	(81,942,069)
General District Capital	(8,727,500)	(4,285,000)	(4,977,500)	(4,085,000)	(2,300,000)
Other Revenue (Expenses)	205,559	205,559	205,559	205,559	205,559
Total Nonoperating Revenues (Expenses)	\$ (89,618,058)	\$ (9,971,267)	\$ (73,887,249)	\$ (74,128,827)	\$ (83,011,840)
Increase (Decrease) in Cash Flow	\$ (6,659,891)	\$ 44,850,282	\$ 1,697,737	\$ 9,550,534	\$ (406,387)
Beginning Reserve	\$ 472,727,682	\$ 466,067,791	\$ 510,918,073	\$ 512,615,810	\$ 522,166,344
Ending Reserve	\$ 466,067,791	\$ 510,918,073	\$ 512,615,810	\$ 522,166,344	\$ 521,759,957
Assigned Reserve	\$ 277,032,624	\$ 284,102,893	\$ 290,124,703	\$ 290,071,740	\$ 288,104,271
Unassigned Reserve	\$ 189,035,168	\$ 226,815,181	\$ 222,491,108	\$ 232,094,605	\$ 233,655,687
<i>Days Cash on Hand</i>	<i>524</i>	<i>540</i>	<i>514</i>	<i>496</i>	<i>477</i>

Forecast Methodology

Economic forecasting is not an exact science. Forecasted amounts are estimates based on historical data, current year budgeted costs, and professional judgment when applying forward-looking factors. The forecast serves as a general guideline and requires regular adjustment, as actual results may vary from the forecast.

To enhance the accuracy of projections, the Finance department identifies factors that contribute to changes in revenues and expenses, such as development, inflation, personnel costs, expected service levels, interest rates, drought, and known future events that impact operations and capital needs. Forecasting should neither overstate revenues nor understate expenses.

Many items are beyond the scope of the financial model and control of the Board and staff. Events that could impact the District's financial future include prolonged drought, changes in economic growth or recession, energy costs, water supply, environmental and water quality mandates, and other events such as a major earthquake or flood.

Major Assumptions in the Five-Year Forecast

The base year that drives future calculations is fiscal year 2024. Projections through April 2024 were used, as the budget is adopted prior to the end of the fiscal year. This method focuses on the best estimate of what will occur with year-end expenses and utilizes a conservative approach to forecast year-end revenues. Overall assumptions impacting all funds are described in this section, while assumptions impacting a specific fund are located in the individual budget by fund sections.

Major Revenues

Water sales reflect Domestic rate increases in fiscal year 2025 and stabilized consumption as the District moves beyond the Level 2 drought requirements that impacted consumption in fiscal year 2023. Canal water volume reflects reductions in replenishment sales to the East Replenishment fund for another two years due to a voluntary curtailment agreement with USBR, with increases over the forecast period as the Oasis project comes online and customers switch from groundwater to canal water. Nonpotable water sales increase based on anticipated new connections. Rate increases are applied based on the expected need of individual funds but remain at or below the currently approved Proposition 218 rates during the forecast period.

Sanitation Service Fees reflect the cost of service rates approved by the Board for fiscal year 2025. The Board has the discretion to adopt rates at or below the Proposition 218 rates in any given year.

Service charge revenue reflects increases based on the expected need of individual funds but remains at or below the currently approved Proposition 218 rates.

Replenishment revenues reflect the expected needs of each replenishment fund and are held at or below the current Proposition 218 rates during the forecast period. The Board will reevaluate increases in future years as part of the budget adoption process.

Fiscal Year 2025 Property Tax revenues are based on prior year collections, with an increase throughout the forecast period of approximately 3% per year. Assessed Value growth remains strong in the short term. However, sales have softened due to higher interest rates.

Investment income is a function of the cash balance in each fund and expected returns based on market conditions. The Investment rate of return is forecasted to grow at approximately 3.8% over the forecast period and has been assisted by the District's inclusion of higher short-term investment returns with the California Asset Management Program (CAMP) and the California Local Agency Investment Fund (LAIF). Rate reductions by the Federal Reserve Board later in 2024 may have an impact on future rates as the forecast is updated next year.

Major Expenses

Salaries & benefits comprise 32.1% of fiscal year 2025 operating expenses. Key factors for this category include anticipated wage increases, retirement contributions, and health insurance. Budgeted staffing levels remain at 570 full-time equivalents (FTEs) throughout the forecast period. Salaries & benefits for fiscal year 2025 are based on current Memorandums of Understanding (MOUs). The five-year forecast includes an average 4.9% yearly increase in salaries and benefits.

Supplies & services are estimated to increase by an average of 3.1% per year throughout the forecast period. The District will continue to monitor recent increases in inflation to determine if additional adjustments will be needed in future years.

Utility rates are forecasted to increase by approximately 9.3% per year for the forecast period. Changes in consumption and additional rate increases may impact future forecasts.

Water purchases total 33.4% of the total operating expenses. Increases in water purchases are based on projected water deliveries with existing contracts with multiple agencies. Water supply availability from the State Water Project is highly variable and based on weather conditions. After several wet years with above average water deliveries, the forecast shifts back to an estimated 50% allocation in future forecast years. The State Water Project fund section provides greater detail on water supply availability.

DOMESTIC WATER FUND



History

Water was initially provided to Coachella Valley homes and non-agricultural businesses by small, independent water companies. As the valley's population grew, most of these companies found that they could no longer keep up with the infrastructure needs of the growing communities.

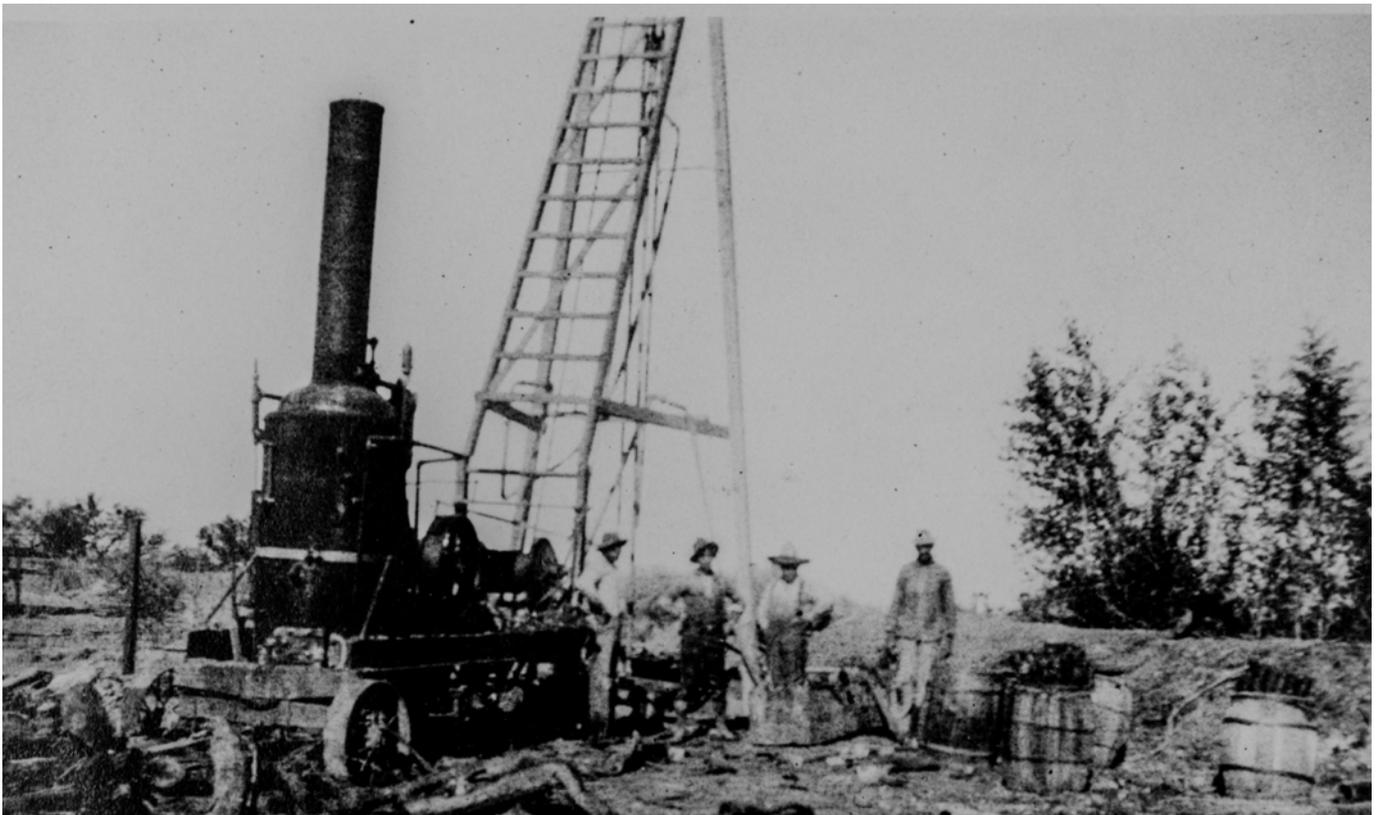
In 1961, the District expanded its strategic role of safeguarding the Valley's domestic groundwater supplies by contracting with the State Department of Water Resources to import State Water Project water for groundwater replenishment purposes. The State of California had a requirement that it would only contract with a public agency for the new State Water Project. The District understood the necessity of importing water into the Valley to ensure a more consistent supply. So, it applied to receive an original allotment of 23,100 acre-feet (af) of water.

Coachella Valley County Water District (CVCWD) started providing domestic water service with the acquisition of Palm Desert Water Company in 1961. The district considered Palm Desert Water Company to be "a well-engineered system, possessing good wells and storage facilities" that served more than 700 homes and businesses, according to the District's annual report for 1962.

CVCWD also acquired two other domestic water systems serving Eldorado Country Club in Indian Wells and the Silver Spur Subdivision in Palm Desert and a private water agency, the La Quinta Palms Subdivision Water Facilities, at roughly the same time.

The district's domestic water company acquisitions grew quickly after 1961 with the valley's population growth, prompting privately held water companies to seek help from CVCWD. By 1967, the District had purchased or absorbed the operations of over 25 small water systems. In 1961, the District served only 1,100 households and businesses, but this increased tenfold by 1973 to 10,741.

Today, the District is the largest drinking water provider in the Valley and delivers water to 114,196 accounts, representing a service population of approximately 270,000.



Drilling a Well in the Early 1900s.



CVWD Crew Installs Pipe

Background

Drinking water, also known as domestic water, comes from the Coachella Valley’s vast aquifer. Groundwater, pumped from wells up to 1,200 feet deep, is stored in one of the District’s 68 enclosed reservoirs for later use. While the aquifer has an estimated capacity of 39 million af, the Coachella Valley must manage its water supplies to avoid overdraft. The California Department of Water Resources defines overdraft as “the condition of a groundwater basin in which the amount of water withdrawn by pumping over the long term exceeds the amount of water that recharges the basin.” That is, more water has been pumped from the groundwater basin than has been naturally or artificially replenished. Over the past ten fiscal years, the amount of groundwater in storage has increased due to artificial replenishment and other management activities. To manage groundwater overdraft, the District, in cooperation with Desert Water Agency (DWA), has four groundwater replenishment facilities in various areas across the valley. The Domestic Water Fund makes transfers to the three replenishment funds to reflect costs originally accounted in those funds, which reflect the benefit to the domestic fund of the District’s recharge efforts. Such transfers are based on the total acre-feet of water pumped from District wells within each subbasin.

The water for replenishment comes from the State Water Project (SWP) and the Colorado River. Although there is not a direct connection to the SWP system, CVWD exchanges water on an acre-foot-for-acre-foot basis with Metropolitan Water District of Southern California (MWD) to obtain the District’s allotment. The cost for imported SWP water for fiscal year 2025 is budgeted at approximately \$790 per af. The Colorado River base

allocation of 301,000 af comes at zero supply cost (there are transportation, O&M, and other costs); however, the additional water received from the Colorado River is budgeted at \$122 per af.

Groundwater pumped from the aquifer requires minimal treatment to meet all state and federal drinking water quality standards. Routine tests confirm groundwater produced by active CVWD wells is free of regulated bacteria. A small amount of chlorine is added to ensure drinking water served from the District’s vast system of pipes complies with drinking water regulations. Arsenic that occurs naturally in portions of the Coachella Valley groundwater basin is found in a small number of wells. Treatment facilities are used to reduce arsenic levels below allowable levels.

CVWD staff collect more than 17,000 water samples and tests for more than 100 regulated and unregulated substances each year. Many of these tests are performed at the District’s state-certified water quality laboratory. Results from these water quality tests are included in the annual review and made available to District customers each June.

The District operates 93 active wells, with the ability to pump 234 million gallons per day (MGD). The combined reservoir storage capacity is approximately 174.2 million gallons. Reservoirs are secured sites primarily located in elevated areas, using gravity to bring water to homes and businesses. Water is delivered via a network of 2,052 miles of distribution piping. Daily demand for drinking water in 2023 averaged 75.9 million gallons, equal to 85,014 af per year.

HOW IS WATER MEASURED?

What is one hundred cubic feet (Ccf) of water?

This is the unit of measure used when measuring and billing water to domestic water customers. One hundred cubic feet of water, or one Ccf, is equal to 748 gallons of water. For example, a typical bath tub holds 50 gallons of water. It takes about 15 bath tubs full of water to equal one Ccf.

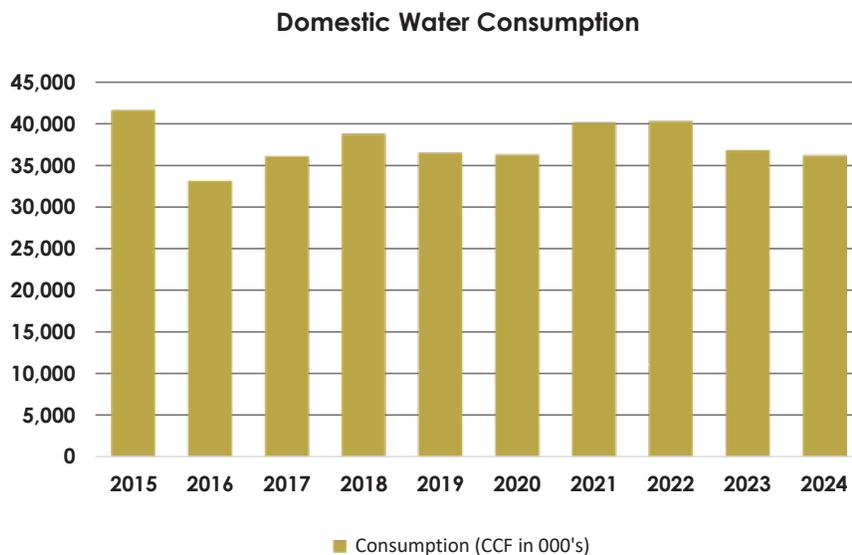
What is an acre-foot?

Water is commonly measured by the acre-foot. The acre-foot measurement is what is used when the District sells large quantities of water to farmers, golf courses and well producers in the Coachella Valley.

One acre-foot equals 325,851 gallons. Put another way, an acre-foot of water is enough to flood a football field - which is roughly an acre in size - one foot deep.

Water Consumption

Actual water consumption for fiscal year 2024 was 1.7% lower than fiscal year 2023, as shown in the graph below.



Account growth also has an impact on consumption. As depicted in the table on the next page, the number of domestic water accounts has grown by 7.7% over the past ten years. While the District has experienced account growth through increases in population, per capita consumption has largely been decreasing.

Conservation

All residential customers and most large landscape customers use domestic water for their outdoor irrigation needs. CVWD’s domestic customers, on average, use 70% of their total consumption for outside landscaping.

One of the most common causes of water waste in the Coachella Valley is overwatering outdoors. For this reason, outdoor water conservation is the primary focus of the District’s public outreach and water conservation programs. One of the most successful programs has been the installation of smart controllers for residential customers and large landscape accounts, such as homeowner’s associations. Smart controllers automatically set the amount of water the landscape receives each day based on the weather. Smart controllers can reduce outdoor consumption by as much as 30%.

Active Accounts

Year	Number of Accounts	Increase in Quantity	% Increase	Cumulative % Increase
2015	106,055	-	-	-
2016	106,409	354	0.3%	0.3%
2017	106,967	558	0.5%	0.9%
2018	107,856	889	0.8%	1.7%
2019	108,582	726	0.7%	2.4%
2020	109,489	907	0.8%	3.2%
2021	110,899	1,410	1.3%	4.6%
2022	112,180	1,281	1.2%	5.8%
2023	113,481	1,301	1.2%	7.0%
2024	114,196	715	0.6%	7.7%

The District offers free installed smart controllers for residents and refunds of 75% of the cost for HOA and commercial customers. In fiscal year 2024, the District installed 185 residential and 125 large landscape smart controllers.

The turf buy-back program is another popular program the District provides to help reduce outdoor irrigation. The District pays residential customers \$2 per square foot, up to a maximum of 10,000 square feet. For commercial customers, rebates are available at \$2 per square foot, up to a maximum of 50,000 square feet. In fiscal year 2024, an additional 1,453,055 square feet of turf was replaced with desert-friendly landscape. To date, through CVWD’s rebate program, desert landscaping has replaced more than 24.9 million square feet of grass.

In addition, the High-Efficiency Toilet Replacement Program has saved over 572 acre-feet of water, with an additional 336 toilets replaced in 2024.

Water Management’s budget for fiscal year 2025 is \$6.2 million, with \$2.9 million budgeted for conservation programs. Interest in turf rebates and other conservation programs had declined for several years with the elimination of the previous drought declaration. In 2023, the turf rebate program gained significant attention, with CVWD increasing the rebate to \$3 per square foot, with several local cities offering a match to encourage turf conversion. Homeowners replaced approximately 1.7 million square feet of turf in fiscal year 2023. The rebate amount returned to \$2 per square foot at the end of fiscal year 2023, and residential turf replacement totaled 453,722 in fiscal year 2024.

Rate Structure

The District’s cost-justified, budget-based tiered rate structure is designed to encourage conservation and efficient use, both inside and outside the home. Since the majority of the water used by Coachella Valley residents is outdoors, the District factors in landscaping and weather conditions when calculating water budgets. For example, a water budget for a single-family home uses the following assumptions:

Each customer is given a default indoor water use budget of 8 ccf per month (equal to 200 gallons per day for a family of four), which is consistent with current industry standards.

45% of each lot is assumed to be landscaped, and irrigated weather data is based on a daily five-year average.

As illustrated in the table below, there are five tiers, with the first two tiers designed to meet the needs of an average single-family home of four people. All use in excess of tier 2 is considered inefficient and is charged at a higher rate to cover the incremental costs of providing water in excess of efficient use.

During fiscal year 2021, the District completed a cost of service study for the Domestic Water Fund that analyzed system usage, costs, and revenues. During budget development, the Board analyzed projected revenues and expenses and, in June 2024, elected to increase rates for fiscal year 2025. The tiered consumption rates for fiscal year 2025 are listed in the table below.

Domestic Tiered Rate Structure

Tier	Rate	Single-Family	Multi-Family	Commercial	Landscape Irrigation
Tier 1 – Excellent	\$ 1.04	Up to 8 Ccf	Up to 8 Ccf	n/a	n/a
Tier 2 – Efficient	\$ 1.30	Up to 100% of budget	Up to 100% of budget	8 Ccf per EDU ⁽¹⁾	Up to 100% of budget
Tier 3 – Inefficient	\$ 3.98	-----100% to 175% of budget-----			
Tier 4 – Excessive	\$ 4.66	-----175% to 300% of budget-----			
Tier 5 – Wasteful	\$ 7.13	-----300% or more-----			

⁽¹⁾ Equivalent Dwelling Unit (EDU) is a term used to compare the flows generated from a commercial account to those generated by a single-family residential unit.

Fixed Rates

Domestic water service is separated into five customer classes: single-family residential, multi-family, commercial, landscape irrigation, and construction meters. Each customer class is assigned a different monthly fixed charge to reflect the differences in the cost of providing service. In June 2024, the Board elected to increase fixed rates for fiscal year 2025 for single-family residential, multi-family, commercial, and landscape irrigation.

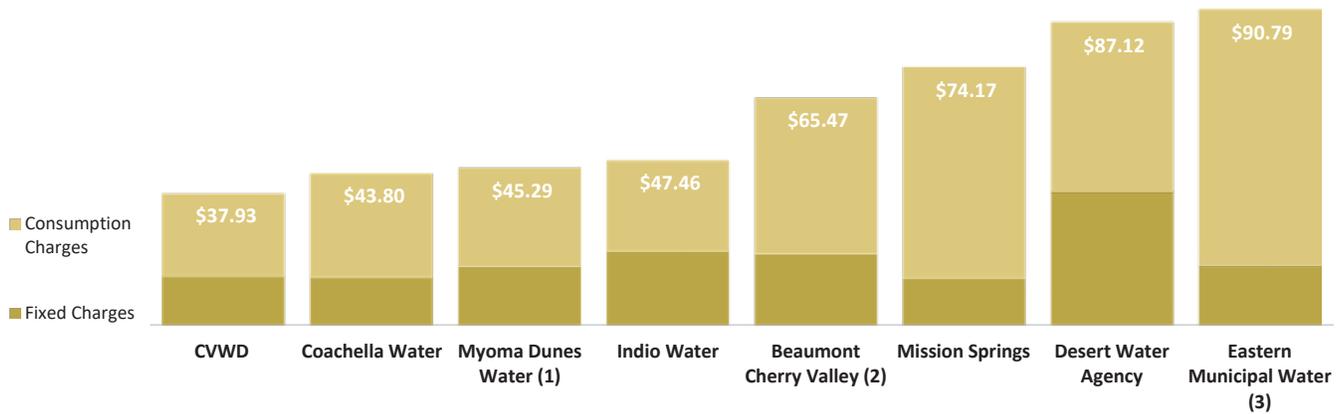
Domestic Monthly Service Charge

Customer Class	Meter Size			
	¾"	1"	1 ½ "	2"
Single-Family	\$ 14.01	\$ 16.78	\$ 23.71	\$ 32.01
Multi-Family	\$ 14.16	\$ 17.03	\$ 24.18	\$ 32.78
Commercial	\$ 14.08	\$ 16.89	\$ 23.93	\$ 32.37
Landscape Irrigation	\$ 17.89	\$ 23.24	\$ 36.63	\$ 52.70

Rate Comparison

The graph and table below illustrate rate comparisons between CVWD and other water agencies in the region based on usage of 20 ccf per month. The District’s rates remain the lowest in the area for fiscal year 2025.

Residential Rate Comparison



(1) Energy cost adjustment of \$2.07 and replenishment fee of \$3.30 included in consumptive rate
 (2) Rates effective January 2024. SCE power charge and San Gorgonio Pass Water Agency importation charge included in consumptive rate
 (3) Rates effective January 2024. Water Supply Reliability Capital Projects Charge included in consumptive rate

Residential Rate Comparison

	CVWD	Coachella Water	Myoma Dunes Water (1)	Indio Water	Beaumont Cherry Valley (2)	Mission Springs	Desert Water Agency	Eastern Municipal Water (3)
Fixed Charges	\$ 14.01	\$ 13.80	\$ 16.79	\$ 21.16	\$ 20.42	\$ 13.63	\$ 38.32	\$ 17.03
Consumption Charges	23.92	30.00	28.50	26.30	45.05	60.54	48.80	73.76
Total per 20 CCF Usage	\$ 37.93	\$ 43.80	\$ 45.29	\$ 47.46	\$ 65.47	\$ 74.17	\$ 87.12	\$ 90.79

(1) Energy cost adjustment of \$2.07 and replenishment fee of \$3.30 included in consumptive rate
 (2) Rates effective January 2024. SCE power charge and San Gorgonio Pass Water Agency importation charge included in consumptive rate
 (3) Rates effective January 2024. Water Supply Reliability Capital Projects Charge included in consumptive rate

DOMESTIC WATER FUND

Domestic Water Fund	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Water Sales	\$ 61,063,131	\$ 62,218,191	\$ 70,529,550	\$ 72,877,063	\$ 2,347,513	3.3%
Drought Penalties	10,849,396	514	-	-	-	-
Service Charges	21,437,017	22,297,010	21,065,827	22,872,616	1,806,789	8.6%
Availability Charges	630,585	638,511	645,000	657,900	12,900	2.0%
Property Taxes - General	2,556,836	3,075,303	2,797,012	2,880,922	83,910	3.0%
Charges for Services	7,757,320	4,312,588	3,667,000	4,240,510	573,510	15.6%
Intergovernmental	384,220	523,337	385,358	-	(385,358)	-100.0%
Investment Income	887,553	1,755,618	1,388,550	1,414,902	26,352	1.9%
Other Revenue	363,931	940,972	175,000	654,925	479,925	274.2%
Total Revenues	\$ 105,929,990	\$ 95,762,044	\$ 100,653,297	\$ 105,598,838	\$ 4,945,541	4.9%
Expenses						
Salaries & Benefits (Net of Capitalized Labor)	\$ 39,534,809	\$ 42,378,436	\$ 43,772,978	\$ 46,094,136	\$ 2,321,158	5.3%
Supplies and Services	35,848,433	27,303,098	29,957,883	27,442,153	(2,515,730)	-8.4%
Utilities	14,072,401	15,689,586	15,147,130	15,257,864	110,734	0.7%
Replenishment	13,068,044	13,271,960	14,016,530	13,793,714	(222,816)	-1.6%
Capital Outlay	2,894	176,115	179,000	334,110	155,110	86.7%
Total Expenses	\$ 102,526,582	\$ 98,819,196	\$ 103,073,521	\$ 102,921,977	\$ (151,544)	-0.1%
Operating Income (Loss)	\$ 3,403,408	\$ (3,057,151)	\$ (2,420,224)	\$ 2,676,861	\$ 5,097,085	-210.6%
Nonoperating Revenues (Expenses)						
Interfund Transfers						
Interfund Revenues	\$ 5,582,345	\$ 3,945,387	\$ 3,945,387	\$ 3,945,387	\$ -	-
Sources						
Loan Proceeds	-	33,622,629	10,476,500	24,834,000	14,357,500	137.0%
Capital Improvement Reimbursements	103,827	-	-	-	-	-
Use of Restricted Funds	982,747	387,824	557,000	4,894,000	4,337,000	778.6%
Grant Revenue	3,345,766	8,801,502	8,768,500	35,472,189	26,703,689	304.5%
Uses						
Debt Service - External	(840,971)	(840,971)	(840,971)	(36,065,971)	(35,225,000)	4188.6%
Capital Improvement Projects	(8,080,703)	(24,604,052)	(27,498,800)	(57,950,172)	(30,451,372)	110.7%
General District Capital	(1,607,458)	(1,575,897)	(1,666,412)	(3,857,125)	(2,190,713)	131.5%
Motorpool Capital	(1,380,682)	(861,293)	(1,795,548)	(1,450,215)	345,333	-19.2%
Other Revenue (Expenses) ⁽²⁾	3,121,907	(11,215,964)	-	-	-	-
Total Nonoperating Revenues (Expenses)	\$ 1,226,778	\$ 7,659,165	\$ (8,054,344)	\$ (30,177,907)	\$ (22,123,563)	274.7%
Increase (Decrease) in Cash Flow	\$ 4,630,186	\$ 4,602,013	\$ (10,474,568)	\$ (27,501,046)	\$ (17,026,478)	162.6%
Beginning Reserve	\$ 67,547,614	\$ 72,177,800	\$ 72,177,800	\$ 76,779,814	\$ 4,602,013	6.4%
Ending Reserve	\$ 72,177,800	\$ 76,779,814	\$ 61,703,232	\$ 49,278,768	\$ (12,424,465)	-20.1%
Assigned Reserve	\$ 42,006,000	\$ 43,323,000	\$ 43,323,000	\$ 47,433,000	\$ 4,110,000	9.5%
Unassigned Reserve	\$ 30,171,800	\$ 33,456,814	\$ 18,380,232	\$ 1,845,768	\$ (16,534,465)	-90.0%
<i>Days Cash on Hand</i>	<i>257</i>	<i>284</i>	<i>219</i>	<i>175</i>	<i>(44)</i>	<i>-20.0%</i>

⁽¹⁾ Unaudited

⁽²⁾ Other Non-Operating Expenses includes prior period adjustments related to the GASB 96 implementation.

Budget Summary

Total Domestic Water fund revenues are budgeted at \$105.6 million, or 4.9% higher than fiscal year 2024 budget. Fiscal year 2024 consumption reflected an 1.7% decrease over fiscal year 2023, which also included water restrictions and drought penalties. A second wet year and continued conservation efforts kept consumption relatively flat. Fiscal year 2025 revenue includes the 5% rate increase that the Board approved in June 2024.

Expenses are budgeted to decrease by \$152,000, or 0.1%, from the prior year's budget. The fiscal year 2024 budget was amended to allow for additional conservation expenses related to the expanded turf rebate program, which was funded by over \$10.8 million in drought penalty revenue in fiscal year 2023. Several conservation rebate projects that were approved during fiscal year 2023 were completed in fiscal year 2024.

Nonoperating revenues include inter-fund revenues from the West Whitewater Replenishment Fund for an internal loan, which is scheduled to be repaid in 14 years. Revenues also include the use of restricted developer funds for eligible capital improvement projects, grant revenue and loan proceeds. Expenses include debt service for a State Water Resource Control Board loan and \$35.2 million for the payoff of the Series

2022 notes. Expenses also include \$58.0 million in capital improvements, \$3.9 million in general district projects, and a \$1.5 million contribution to the Motorpool fund for new vehicles.

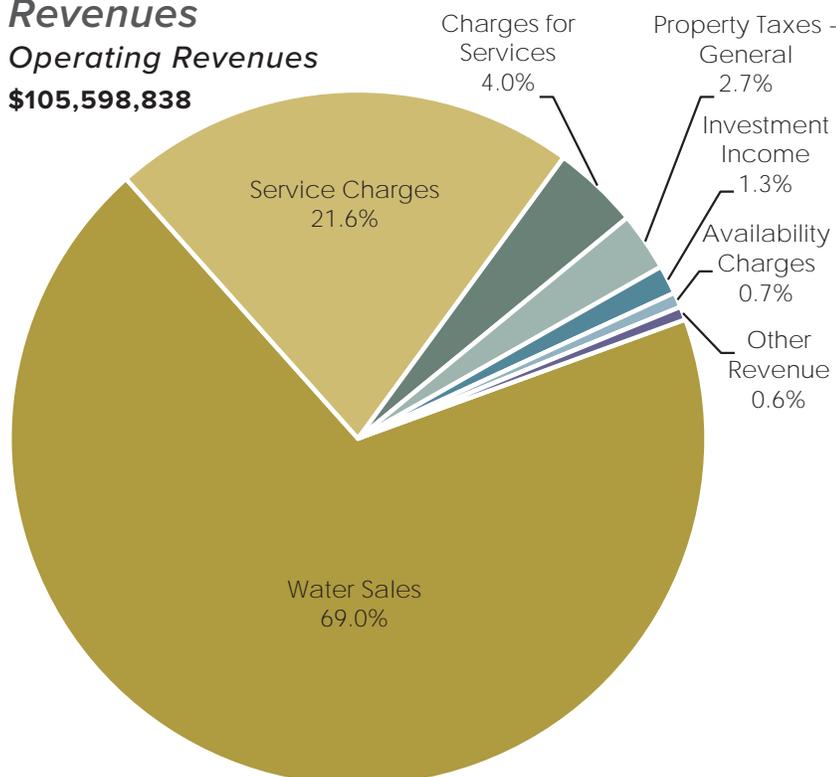
Other Non-Operating expenses for fiscal year 2024 include \$4.7 million in grant subrecipient expenses (funds CVWD passes on as grant administrator to local project sponsors per grant agreements), and \$6.5 million in prior period adjustments related to the Government Accounting Standards Board (GASB) 96 implementation. GASB 96 refers to subscription-based information technology arrangements (SBITAs), and the prior period adjustments relate to how general district software implementations were recorded in prior years. The correction reflects the Domestic Water fund's allocation of subscription costs for prior implementation costs. Software subscriptions under GASB 96 will be recorded as operating expenses going forward.

Ending reserves for fiscal year 2025 are budgeted at \$49.3 million.

Revenues

Domestic Water Fund revenues total \$105.6 million, a \$4.9 million increase from fiscal year 2024. The chart below shows a breakdown by type.

Revenues Operating Revenues \$105,598,838



WATER SALES represent 69% of the Domestic Water Fund's operating revenues. Revenues from water sales are budgeted at \$72.9 million. Consumption is budgeted at 38.4 million ccf. The Board approved a 5% rate increase for fiscal year 2025.

SERVICE CHARGES are the monthly fees each customer pays based on the size of the meter installed and the customer class. Service charges account for 21.6% of the operating revenues of the Domestic Water Fund. The Board approved a 5% rate increase for fiscal year 2025.

CHARGES FOR SERVICES account for 4% of the fund’s revenues. They are comprised of application fees, turn-on fees, fines, meter installation fees, inspection fees, plan check fees, leases, penalties, and utility use incentives. These are highly variable revenue sources and are estimated using historical averages.

PROPERTY TAXES-GENERAL total \$2.9 million for fiscal year 2025. General property taxes include the dedicated share of the 1% Riverside and Imperial Counties’ secured property tax levy pursuant to the California Revenue and Taxation Code. Assessed value (AV) growth remains strong. However, higher interest rates have had an impact on sales. Property values reset each time there is a change in ownership, with the value being established at the new sales price.

AVAILABILITY CHARGES are levied against all lands whose boundaries are within 660 feet of an existing water main. Parcels of land with active domestic water service during the current fiscal year are considered as having met the availability charge. Charges are placed on the tax roll each year. This charge represents the benefit of an available water supply to the property, allowing land development and use.

INVESTMENT INCOME is earned based on the cash balance in the fund and investment performance. The rate of return for fiscal year 2024 outperformed the budget, and fiscal year 2025 assumes a 3.8% rate of return.

Expenses

Domestic Water Fund expenses total \$102.9 million, a decrease of \$152,000 from fiscal year 2024. The chart shows a breakdown of expenses by type.

SALARIES & BENEFITS total \$46.1 million, or 44.8% of budgeted expenses. Labor and benefit costs include anticipated COLA increases and updates from the recent class and compensation study.

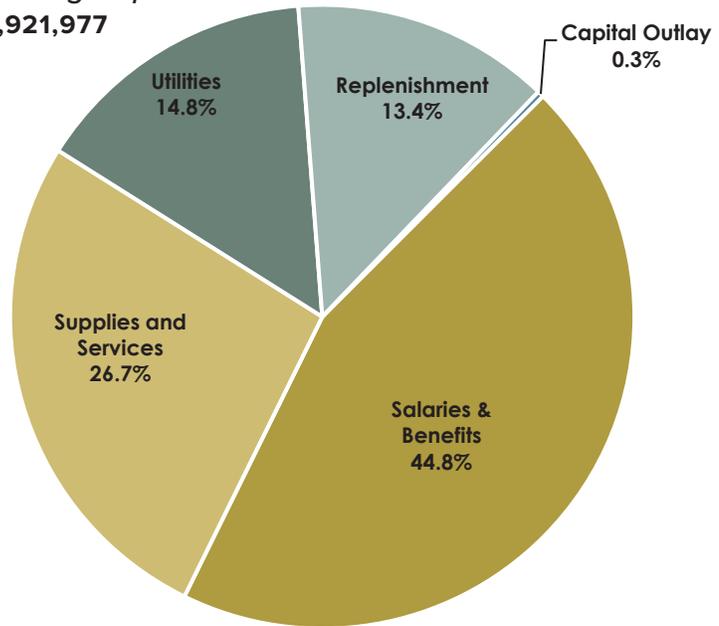
SUPPLIES & SERVICES are budgeted at \$27.4 million, or 26.7% of budgeted expenses, and reflect a decrease of \$2.5 million for fiscal year 2025. Conservation payments for the District’s turf replacement program exceeded \$4.4 million in fiscal year 2024, with approximately \$2.9 million budgeted in fiscal year 2025.

UTILITIES are budgeted \$15.3 million, or 14.8% of budgeted expenditures. Expenses are projected to be approximately \$111,000 higher than fiscal year 2024.

TRANSFERS TO REPLENISHMENT FUNDS are budgeted at \$13.8 million, or 13.4%. This represents a decrease of \$223,000 over fiscal year 2024 based on anticipated consumption. Rates for the District’s three replenishment funds were not increased for fiscal year 2025.

Expenses

Operating Expenses
\$102,921,977



CAPITAL OUTLAY is budgeted at \$334,000 for fiscal year 2025, an increase of \$152,000 compared to fiscal year 2024.

Domestic Water Restricted Funds

Water System Backup Facility Charges (WSBFC) are fees assessed on all new developments, redevelopment projects, connections of existing residential units, and upgrades of existing commercial units within the District’s domestic water service areas. These funds are restricted to constructing backup facilities for additional capacity for pumping, storing, and distributing water. Approximately \$4.9 million in restricted funds is budgeted to fund domestic water projects in fiscal year 2025.

Capital Improvements

There are \$58.0 million in domestic water capital improvements budgeted for fiscal year 2025, along with \$3.9 million in general district allocated projects and \$1.5 million in motorpool vehicle replacements. The budget includes projects for rehabilitating aging well sites, and numerous water main replacement projects. Fiscal year 2025 Capital Improvement Budget is funded using low-cost loans, grants, unrestricted reserves, and restricted reserves. More details are provided in the Capital Improvements chapter.

Five-Year Forecast

The District completed a comprehensive Cost of Service Study (COSS) for the Domestic Water fund in fiscal year 2021 and established maximum Proposition 218 rate increases for fiscal years 2022 through 2026. The Board has the ability to adopt rates up to the maximum rate each year as part of the budget process. Based on fiscal year 2024 performance and projected ending reserves, the Board elected to increase rates for fiscal year 2025.

The five-year forecast includes rate assumptions based on anticipated expenditures. It reflects the balance of ensuring positive operating income for the long term, maintaining debt service coverage of at least 1.25x as required under the master resolution, and drawing down unassigned reserves over time to the assigned reserve target. Projected rates are based on current assumptions and will be revised during the next budget process. The following table compares the projected forecast rates to the Proposition 218 maximum rates for a typical Domestic customer.

Forecast Rate Comparison (20 CCF Residential Customer)	FY 2025 Rate	Monthly Charge	FY 2026 Rate	Monthly Charge	FY 2027 Rate ⁽¹⁾	Monthly Charge	FY 2028 Rate ⁽¹⁾	Monthly Charge	FY 2029 Rate ⁽¹⁾	Monthly Charge
Proposition 218 Maximum Rates										
Monthly Fixed Charge - 3/4 Inch Meter	\$ 16.58	\$ 16.58	\$ 17.75	\$ 17.75	\$ 17.75	\$ 17.75	\$ 17.75	\$ 17.75	\$ 17.75	\$ 17.75
Tier 1 Consumption Rate (8 CCF)	1.23	9.84	1.31	10.48	1.31	10.48	1.31	10.48	1.31	10.48
Tier 2 Consumption Rate (12 CCF)	1.53	18.36	1.64	19.68	1.64	19.68	1.64	19.68	1.64	19.68
Total Monthly Water Charge		\$ 44.78		\$ 47.91		\$ 47.91		\$ 47.91		\$ 47.91
Year-Over-Year % Change		9.5%		7.0%		0.0%		0.0%		0.0%
Forecast Projected Rates										
Monthly Fixed Charge - 3/4 Inch Meter	\$ 14.01	\$ 14.01	\$ 14.99	\$ 14.99	\$ 19.19	\$ 19.19	\$ 20.54	\$ 20.54	\$ 21.15	\$ 21.15
Tier 1 Consumption Rate (8 CCF)	1.04	8.32	1.11	8.88	1.43	11.44	1.53	12.24	1.57	12.56
Tier 2 Consumption Rate (12 CCF)	1.30	15.60	1.39	16.68	1.78	21.36	1.90	22.80	1.96	23.52
Total Monthly Water Charge		\$ 37.93		\$ 40.55		\$ 51.99		\$ 55.58		\$ 57.23
Year-Over-Year % Change		5.0%		6.9%		28.2%		6.9%		3.0%

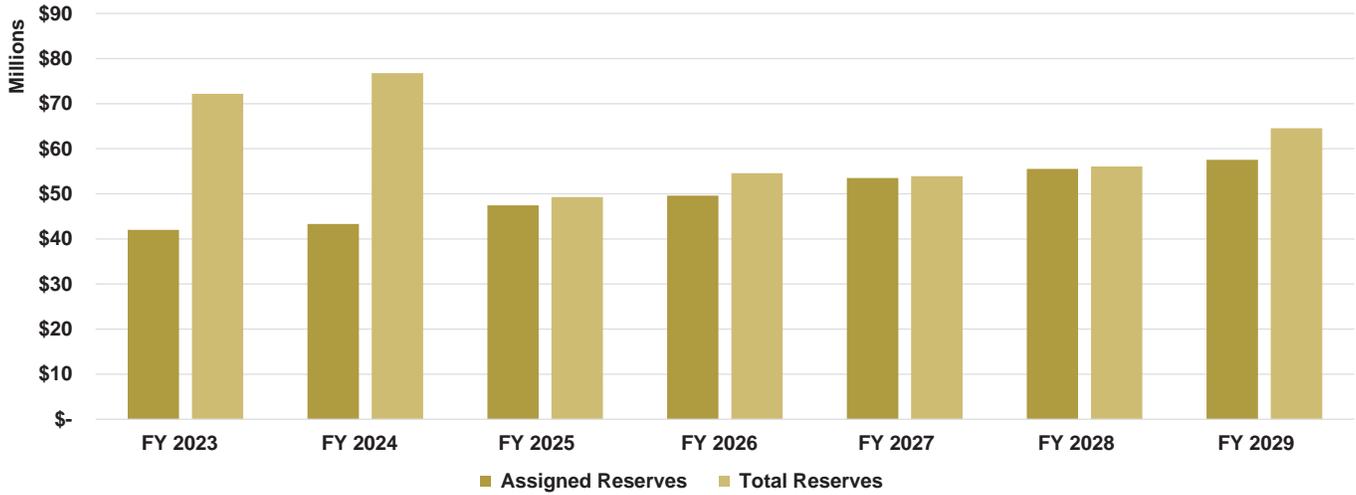
⁽¹⁾ Proposition 218 Rates are only adopted through FY 2026.

Other revenues, including property tax revenue and charges for services, are expected to grow by approximately 3% during the forecast period. Operating expenses are forecasted to grow at approximately 5% per year. Salaries and benefits increase at approximately 4.9% due to expected cost of living and merit increases. Transfers to replenishment funds for the water the Domestic fund uses will increase based on forecasted rate increases in those funds. Interfund revenue for debt service related to an internal loan to the West Replenishment fund for the Mid-Valley Pipeline (MVP) averages approximately \$3.9 million per year. Debt service payments include the \$35.2 million payoff of the domestic notes in fiscal year 2025, and will increase throughout the forecast period as the District secures permanent financing for long-term projects.

DOMESTIC WATER FUND

Domestic Water Fund Five-Year Forecast	FY 2025 Budget	FY 2026	FY 2027	FY 2028	FY 2029
		Forecast			
Revenues					
Water Sales	\$ 72,877,063	\$ 75,173,069	\$ 97,169,103	\$ 105,006,615	\$ 109,236,366
Service Charges	22,872,616	24,440,797	30,678,434	32,828,267	33,936,818
Availability Charges	657,900	671,058	684,479	698,169	712,132
Property Taxes - General	2,880,922	2,967,350	3,056,371	3,148,062	3,242,504
Charges for Services	4,240,510	4,367,727	4,498,759	4,633,723	4,772,735
Investment Income	1,414,902	1,872,593	2,074,164	2,047,992	2,130,522
Other Revenue	654,925	654,925	654,925	654,925	654,925
Total Revenues	\$ 105,598,838	\$ 110,147,519	\$ 138,816,235	\$ 149,017,753	\$ 154,686,002
Expenses					
Salaries & Benefits (Net of Capitalized Labor)	\$ 46,094,136	\$ 48,023,217	\$ 50,693,278	\$ 53,422,170	\$ 55,878,414
Supplies and Services	27,442,153	28,487,431	29,406,857	30,189,790	30,994,266
Utilities	15,257,864	16,478,493	17,796,770	19,220,512	20,758,149
Replenishment	13,793,714	14,406,820	15,906,408	16,756,222	17,363,425
Capital Outlay	334,110	350,816	368,359	386,777	406,116
Total Expenses	\$ 102,921,977	\$ 107,746,777	\$ 114,171,672	\$ 119,975,471	\$ 125,400,370
Operating Income (Loss)	\$ 2,676,861	\$ 2,400,742	\$ 24,644,563	\$ 29,042,282	\$ 29,285,632
Nonoperating Revenues (Expenses)					
Interfund Transfers					
Interfund Revenues	\$ 3,945,387	\$ 3,945,387	\$ 3,945,387	\$ 3,945,387	\$ 3,945,387
Sources					
Loan Proceeds	24,834,000	29,200,000	-	-	-
Use of Restricted Funds	4,894,000	8,910,477	7,475,000	4,285,000	5,000,000
Grant Revenue	35,472,189	27,516,168	17,631,000	6,215,000	-
Uses					
Debt Service - External	(36,065,971)	(1,636,921)	(3,325,560)	(3,325,560)	(3,325,560)
Capital Improvement Projects	(57,950,172)	(62,226,645)	(48,060,000)	(35,300,000)	(24,250,000)
General District Capital	(3,857,125)	(1,656,750)	(1,877,125)	(1,564,750)	(940,000)
Motorpool Capital	(1,450,215)	(1,147,960)	(1,122,000)	(1,125,520)	(1,226,280)
Total Nonoperating Revenues (Expenses)	\$ (30,177,907)	\$ 2,903,756	\$ (25,333,298)	\$ (26,870,443)	\$ (20,796,453)
Increase (Decrease) in Cash Flow	\$ (27,501,046)	\$ 5,304,498	\$ (688,735)	\$ 2,171,839	\$ 8,489,179
Beginning Reserve	\$ 76,779,814	\$ 49,278,768	\$ 54,583,266	\$ 53,894,531	\$ 56,066,370
Ending Reserve	\$ 49,278,768	\$ 54,583,266	\$ 53,894,531	\$ 56,066,370	\$ 64,555,549
Assigned Reserve	\$ 47,433,000	\$ 49,610,000	\$ 53,515,000	\$ 55,544,000	\$ 57,536,000
Unassigned Reserve	\$ 1,845,768	\$ 4,973,266	\$ 379,531	\$ 522,370	\$ 7,019,549
<i>Days Cash on Hand</i>	<i>175</i>	<i>185</i>	<i>172</i>	<i>171</i>	<i>188</i>

District Reserves - Domestic Water Fund



Reserve Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Domestic Water Fund	Actual	Actual ⁽¹⁾	Budget	Forecast			
Assigned Reserves	\$ 42,006,000	\$ 43,323,000	\$ 47,433,000	\$ 49,610,000	\$ 53,515,000	\$ 55,544,000	\$ 57,536,000
Unassigned Reserves	30,171,800	33,456,814	1,845,768	4,973,266	379,531	522,370	7,019,549
Total Reserves	\$ 72,177,800	\$ 76,779,814	\$ 49,278,768	\$ 54,583,266	\$ 53,894,531	\$ 56,066,370	\$ 64,555,549

Assigned Reserves by Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Domestic Water Fund	Actual	Actual ⁽¹⁾	Budget	Forecast			
Operating	\$ 24,240,000	\$ 24,901,000	\$ 25,647,000	\$ 26,849,000	\$ 28,451,000	\$ 29,897,000	\$ 31,249,000
Rate Stabilization	9,696,000	9,960,000	10,259,000	10,740,000	11,380,000	11,959,000	12,499,000
Capital	4,998,000	4,998,000	3,616,000	3,616,000	3,616,000	3,616,000	3,616,000
Emergency	827,000	827,000	5,620,000	5,620,000	5,620,000	5,620,000	5,620,000
Vehicle	1,404,000	1,796,000	1,450,000	1,148,000	1,122,000	1,126,000	1,226,000
Debt Service	841,000	841,000	841,000	1,637,000	3,326,000	3,326,000	3,326,000
Total Assigned Reserves	\$ 42,006,000	\$ 43,323,000	\$ 47,433,000	\$ 49,610,000	\$ 53,515,000	\$ 55,544,000	\$ 57,536,000

⁽¹⁾ Unaudited



CVWD Reservoir 5513

An aerial photograph of a large-scale canal construction project in an arid, desert environment. The canal, filled with clear blue water, winds through the landscape. On the right bank, a yellow excavator is actively working on the earthen embankment. A large pile of excavated brown soil sits on the bank in the foreground. The surrounding terrain is dry with sparse green shrubs and a clear blue sky. In the distance, low mountains are visible. The text 'CANAL WATER FUND' is overlaid in large, white, bold, sans-serif capital letters across the upper portion of the image. A thin vertical yellow line is positioned to the left of the text.

CANAL WATER FUND

Background

CVWD provides canal water to 1,381 accounts, including agriculture, golf courses, lakes, and replenishment facilities. Accounts are billed monthly for canal water usage on a per acre-foot (af) basis.

The Coachella Valley's farmland is ranked among the most profitable crop-growing regions in the state on a per-acre basis. More than two-thirds of local farmland is irrigated with Colorado River (River) water delivered via the Coachella Canal (Canal), a branch of the All-American Canal. More than 60% of area farms use drip or other micro-irrigation, which reduces water use, allows pesticides and herbicides to be added directly into irrigation lines, and contributes to increased crop yields. These irrigation practices place area farms among the state's most efficient agricultural water users.

The Coachella Canal

In 1934, CVWD entered into a contract with the United States Bureau of Reclamation (Reclamation, USBR) to construct the Coachella Branch of the All-American Canal. Reclamation agreed to deliver water to CVWD for potable and irrigation purposes within the 137,000-acre area known as Improvement District Number 1 (ID 1), of which 77,174 acres are irrigable.

Costs associated with the construction of the Canal were to be reimbursed by CVWD. In 1935, CVWD adopted Ordinance Number 595 authorizing a tax levy for satisfying the repayment obligations to Reclamation. CVWD began levying the ID 1 tax in fiscal year 1950, with the repayment obligation satisfied in 1994. The Canal continues to be owned by the USBR but is maintained and operated by CVWD.

The Coachella Canal was completed in 1948, with CVWD taking water delivery in 1949. Water that flows through the 123-mile canal travels via gravity flow to Lake Cahuilla. It starts at the Colorado River and diverts into the All-American Canal at the Imperial Dam, located 18 miles north of Yuma, Arizona. The water is diverted again, 38 miles downstream, into the Coachella Canal.

When the Canal was built, the northern 38 miles were lined with concrete to ensure more efficient connections to the underground distribution system. In 1980, the southern 49 miles of the Canal were replaced by a parallel concrete waterway, resulting in more than 130,000 acre-feet savings per year (af/yr). The remaining 36 miles of earthen waterway and canal were replaced with a parallel, concrete canal in 2006. The State of California and San Diego County Water Authority (SDCWA) funded the project as part of the 2003 Quantification Settlement Agreement (QSA) and Related Agreements.

Irrigation Distribution and Drainage System

In 1947, CVWD entered into a contract with the USBR to construct the irrigation distribution system and a system of protective works to protect the Canal and systems from alluvial fan flooding. Shortly after work on the Canal was completed, CVWD began constructing an underground tile system designed to carry agricultural irrigation drainage water away from farmland to the Salton Sea. The irrigation distribution system includes 485 miles of low-pressure concrete pipes ranging from 12 inches (in) to 92 in, distributing water to 40-acre blocks of land within ID 1. Repayment obligations to Reclamation were satisfied in 1995 from the ID 1 property taxes. Today, there are 2,298 miles of on-farm and CVWD-maintained drains.

Colorado River Water Supply

WHAT IS THE QUANTIFICATION SETTLEMENT AGREEMENT (QSA)?

Although CVWD's Colorado River water rights date back to 1934, the Quantification Settlement Agreement, successfully ratified in October 2003, defined CVWD's allocation. The QSA and Related Agreements quantify Colorado River water allocations to California water contractors for 75 years, allowing for water transfer between agencies. CVWD received a base allocation of 330,000 af per year under the QSA. CVWD's gross Colorado River supplies will gradually ramp up to 488,000 af per year in 2026 through transfers with the Metropolitan Water District (MWD) and Imperial Irrigation District (IID).

The landmark 2003 QSA enabled California to implement major Colorado River water conservation and transfer programs, stabilizing water supplies for 75 years and reducing the State’s demand on the River to its 4.4 million af per year (maf/yr) entitlement. The agreement also provided mitigation funding for the environmentally sensitive Salton Sea. The completion of the QSA required the commitment and combined efforts of the following organizations:

- Coachella Valley Water District
- San Diego County Water Authority (SDCWA)
- Imperial Irrigation District
- Metropolitan Water District of Southern California
- State of California
- U.S. Department of the Interior

WHAT ARE THE BENEFITS?

The QSA and Related Agreements enabled California to reduce its historic over-dependence on the Colorado River through voluntary agriculture-to-urban water transfers, primarily achieved through conservation programs (including canal lining). The State has since lived within its 4.4 maf/yr entitlement. The QSA quantified CVWD’s entitlement to Colorado River water, protecting this allotment from use by other agencies, and provided rights to additional, significant amounts of imported water through transfers.

In addition, companion legislation required the State to identify a preferred Salton Sea restoration alternative

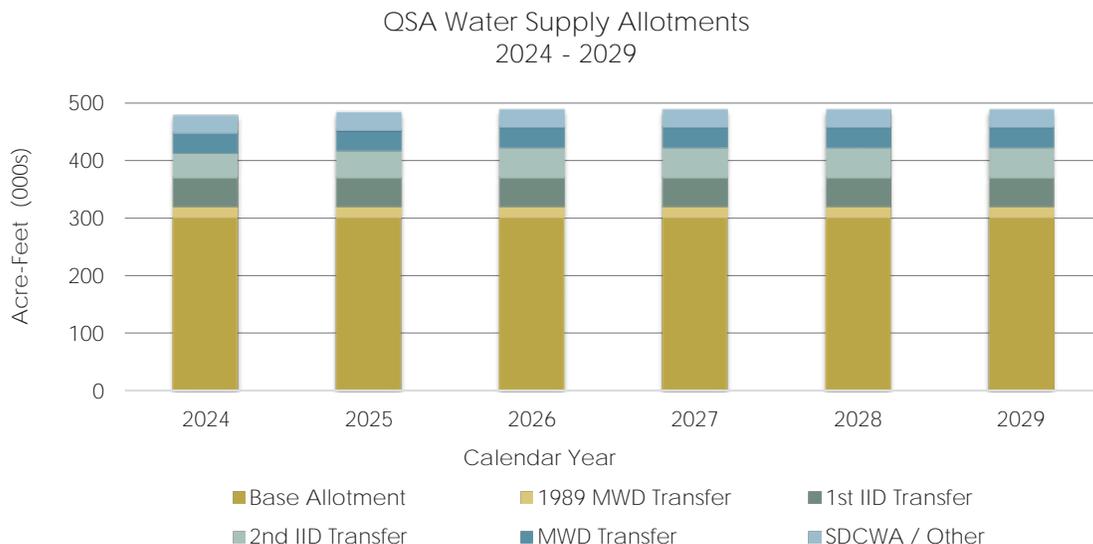
and funding plan. In 2007, the State identified and submitted an \$8.9 billion preferred alternative to the Legislature, but the Legislature has not acted on the alternative, nor has it provided a viable funding plan.

HOW DID IT IMPACT CVWD?

The QSA quantified CVWD’s entitlement to Colorado River water, which ensured this allotment is reserved for CVWD’s use. The QSA also gave CVWD the rights to additional, significant amounts of imported water to address the overdraft and to provide for future growth.

CVWD’s annual base allotment of Colorado River water is 330,000 af. Water conserved from lining the last earthen section of the canal allows 21,500 af/yr to be transferred to SDCWA, and 7,500 af/yr is transferred to various Indian tribes for an adjusted base allotment of 301,000 af/yr. Through the QSA negotiations, CVWD’s final total net allotment will increase to 459,000 af/yr in 2026.

The IID-CVWD Acquisition Agreement is the largest single transfer, providing up to 103,000 af/yr to be delivered to the Coachella Canal by way of the Imperial Dam and the All-American Canal. The first delivery of this water started in 2008, and except for a 13,000 af/yr increase in 2018, generally ramped up in increments of 5,000 af/yr during the life of the agreement. The 1989 Approval Agreement and the 2019 Delivery and Exchange Agreement with MWD provide 20,000 af/yr and 35,000 af/yr, respectively.



HOW SECURE IS THE COLORADO RIVER WATER SUPPLY?

The Colorado River Basin is one of the most critical sources of water in the West, providing water to nearly 40 million people for municipal use, irrigating nearly 5.5 million acres of land, and is the lifeblood for at least 30 federally recognized tribes, 7 national wildlife refuges, 4 national recreation areas, and 11 national parks.

Under the 1922 Colorado River Compact, the Upper Basin (Wyoming, Utah, New Mexico, and Colorado) receives 7.5 million acre-feet (maf) per year, and the Lower Basin (California, Arizona, and Nevada) also receives 7.5 maf/yr. In 1944, Mexico secured an agreement for annual deliveries of 1.5 maf/yr from the river. It has since become clear that the early decades of the 20th century, the period on which the 1922 compact was based, were the wettest period in the Colorado River basin and not representative of the long-term climatic conditions of the West.

Although California water districts hold senior rights to 4.4 maf/yr of Colorado River water, protecting water deliveries from mandatory reductions associated with the decline in Lake Mead elevations is a priority, and districts have engaged in voluntary water conservation efforts to reduce the risk of other states experiencing the mandatory cutbacks. The Drought Contingency Plan (DCP) Authorization Act, signed in April 2019, is a program that was designed to delay or eliminate shortage conditions in Lake Mead. Also in 2019, CVWD executed the Companion Agreement to the DCP, the Lower Basin DCP Agreement, and the necessary California interagency agreements associated with the voluntary contributions schedule.

In response to the worsening conditions in the Colorado River Basin, Reclamation executed several actions to address the continued potential for low run-off conditions and unprecedented water shortages. These action included releasing 1) 500+ Plan (adopted December 2021), 2) Lower Colorado Conservation and Efficiency Program (LC Conservation Program, adopted September 2022), and 3) draft Supplemental Environmental Impact Statement (SEIS) to potentially revise the current interim operating guidelines for the near-term operation of Glen Canyon and Hoover Dams. Later, Reclamation announced that the draft SEIS has been temporarily withdrawn based on the receipt of a consensus-based proposal from the three Lower Basin States to conserve at least 3 maf of system water through 2026.

Recognizing the urgency of the Colorado River Basin issues, CVWD’s Board of Directors (Board) took several actions to help conserve system water, including 1) authorizing participation in the 500+ Plan In November 2022 to conserve 9,083 for 2022 af through temporarily curtailing replenishment at the Thomas E. Levy Facility Levy Facility (TEL), 2) authorizing participation in the LC Conservation Program in 2023 to conserve up to a total of 105,000 af of water (2023 -25) from curtailing replenishment at TEL, and 3) authorizing an agricultural fallowing program in 2024 to conserve up to 10,000 af (2024-26).

CVWD will continue to participate in discussions with Reclamation and the other basin states regarding issues on the Colorado River.

Annual Colorado River Allocation by State - Million Acre-Feet

California	Colorado	Arizona	Utah	Wyoming	New Mexico	Nevada
4.40	3.88	2.80	1.72	1.05	0.84	0.30

Water Costs

The base allotment of 301,000 af is provided at no additional cost to the District, although the District incurs costs to transport, store, and deliver the water. The cost of additional allotments varies based on the terms of the QSA agreement.

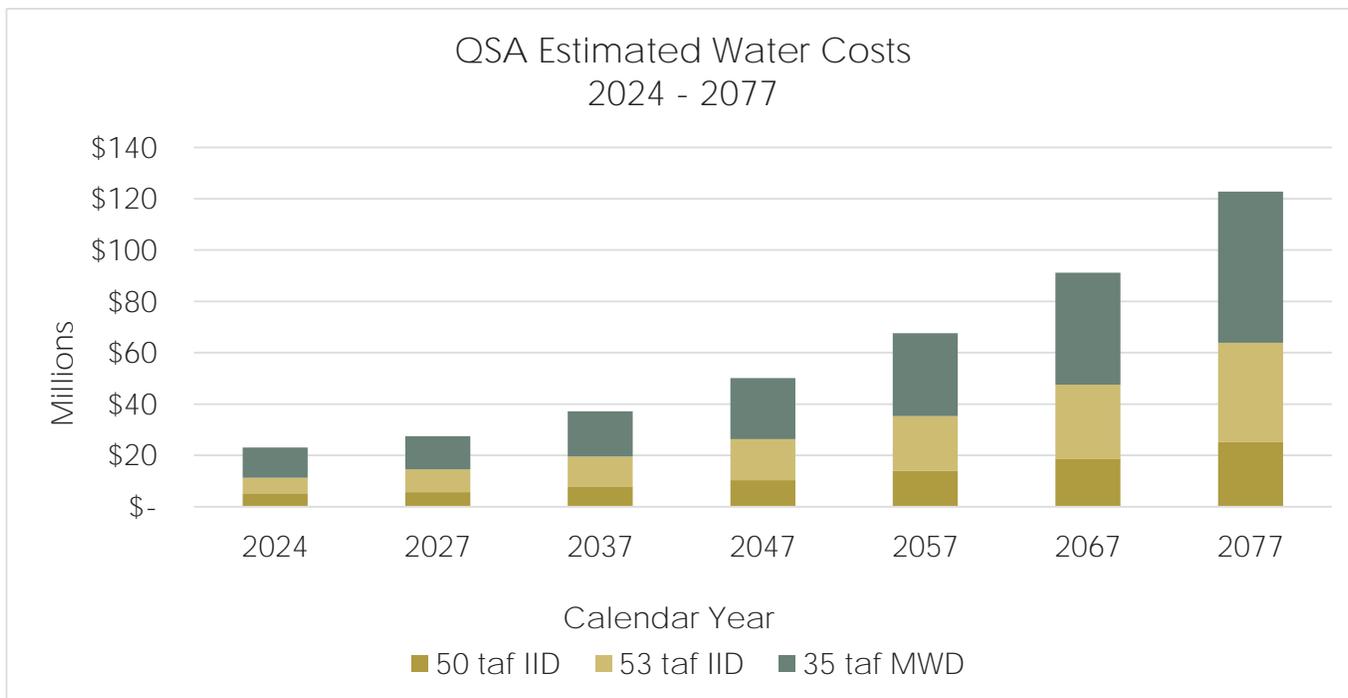
Additional water costs are \$121.90 per af in 2024. Each year, the cost of additional water is adjusted from the 1998 base price by a blended Producer Price Index and Gross Domestic Product Implicit Price Deflator. A 3% inflation factor is used for future years.

The table below depicts acre-feet to be received, along with the estimated IID water transfer costs over the remaining term of the contract.

**IID Water Transfer Costs
2024 - 2077**

Calendar Year	50 taf Transfer (in af)	53 taf Transfer (in af)	Total Transfer (in af)	Estimated Cost	Cost per af
2024	50,000	43,000	93,000	\$ 11,336,340	\$ 121.90
2027	50,000	53,000	103,000	\$ 14,573,613	\$ 141.49
2037	50,000	53,000	103,000	\$ 19,585,717	\$ 190.15
2047	50,000	53,000	103,000	\$ 26,321,565	\$ 255.55
2057	50,000	50,000	100,000	\$ 33,284,951	\$ 332.85
2067	50,000	50,000	100,000	\$ 44,732,190	\$ 447.32
2077	50,000	50,000	100,000	\$ 60,116,323	\$ 601.16

The graph below shows the estimated QSA water costs over the term of the contract.



Rate Structure

CANAL WATER SERVICE CHARGES are made up of two customer classes: Class 1 – Agriculture and Class 2 – Non-agriculture. The definition of Class 1 and Class 2 customers is stated below:

CLASS 1 - Agriculture consists of all canal water customers who use canal water for direct potable water production or commercial agriculture activities - i.e., customers who use canal water to produce an agricultural commodity for commercial purposes, including growing crops and raising animals for commercial production and/or sale of food, fiber, fuel, and other products. Class 1 customers normally pay the Irrigation Water Commodity Charge (IWCC) and Quagga mussel surcharge.

CLASS 2 - Non-agriculture consists of all other canal water customers - i.e., customers who use canal water for groundwater replenishment, including the District's Replenishment funds, landscape irrigation, recreation, and other activities, including but not limited to golf courses, and hunting clubs. Class 2 customers normally pay the IWCC rate, Water Supply Surcharge (WSSC), and Quagga mussel surcharge.

WATER SUPPLY SURCHARGES fund the cost of QSA water purchases and are collected only from Class 2 and Temporary Construction Meter customers. The District has chosen to assign its legacy asset of Colorado River water rights (301,000 af per year) to Class 1 customers to protect these long-standing and price-sensitive customers from the cost of newly developed supplies. When Class 1 customers use less than 301,000 af per year, those customers are not responsible for any QSA water purchase costs. If Class 1 customers use Canal water at a rate exceeding 301,000 af per year, they will pay an equitable portion of the QSA water purchase costs and the Water Supply Surcharge.

GATE CHARGES are based on scheduled and unscheduled visits.

QUAGGA MUSSEL SURCHARGE pays for the maintenance and capital costs of Quagga mitigation. The Quagga mussel is a nonnative invasive mollusk that clogs and compromises water pipes and systems. It is pervasive in the Colorado River system, but District mitigation efforts have kept the Canal free of Quagga mussels.

OASIS SURCHARGE is expected to be charged in fiscal year 2025 and applies to customers who connect to the Oasis system to use canal water in lieu of groundwater pumping. The surcharge rate is based on the expected operating and capital costs associated with the system.

OUTSIDE ID 1 SURCHARGE is assessed to all customers outside Improvement District 1 (ID 1). The Canal Water fund receives an allocation of the general ad valorem property tax revenue collected by Riverside County within ID 1. The ad valorem property tax is used, in part, to defray the costs of providing canal water services to canal customers located within ID 1. The Outside ID 1 Surcharge is imposed only on customers located outside of the boundaries of ID 1 and is designed to recover costs incurred by the District to serve these customers but whose costs are not defrayed by the ad valorem property tax revenues paid by ID 1 customers. The Outside ID 1 Surcharge is a fixed charge based on property acreage. In a given year, it is calculated by dividing the ID 1 property tax revenue by the total acres within ID 1 receiving canal water service.

Canal Rate History

In fiscal year 2021, the District completed a comprehensive cost of service study for the Canal fund. After reviewing expenditures and projected revenue during the budget process, the Board elected to hold water-related rates at the current level for fiscal year 2025, but approved gate and surcharge increases to bring costs closer to full cost recovery.

The table below shows the five-year history of canal rates for the District.

Canal 5-Year Rate History

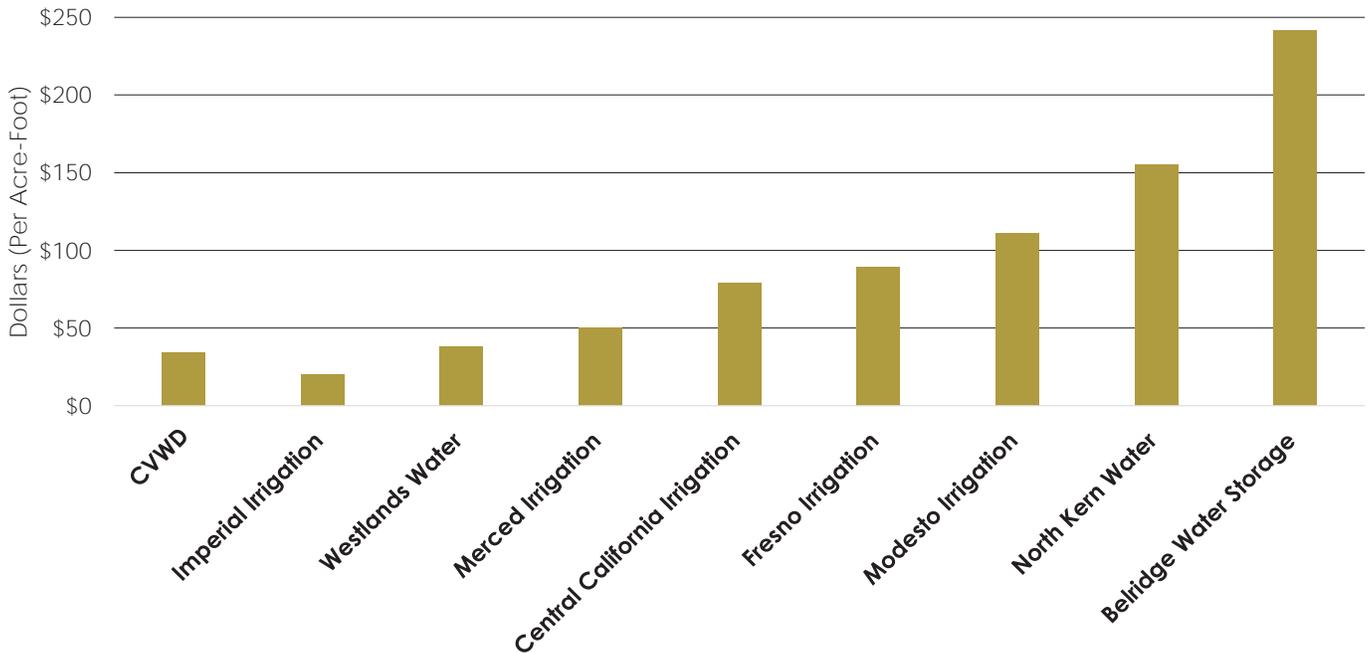
Service (Per AF/Occurrence)	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Irrigation Water Commodity Charge: Agriculture	\$34.32	\$34.32	\$34.32	\$34.32	\$34.32
Irrigation Water Commodity Charge: Non-Agriculture ⁽¹⁾	34.32	34.32	34.32	34.32	34.32
Construction Water Commodity Charge ⁽¹⁾	47.41	51.33	51.33	51.33	51.33
Water Supply Surcharge	67.80	67.80	67.80	67.80	67.80
Quagga Mussel Surcharge	2.78	3.18	3.63	3.63	4.22
Outside ID 1 Surcharge (\$/acre/month)	3.69	3.92	4.17	4.17	4.52
Oasis Surcharge	-	-	59.26	59.26	59.26
Gate Charge - Scheduled	16.66	19.80	23.53	23.53	29.60
Gate Charge - Unscheduled	33.32	39.60	47.07	47.07	59.20

⁽¹⁾ All Non-Agriculture and Construction Water customers pay the Irrigation Water Commodity Charge and the Water Supply Surcharge.

Canal Rate Comparison

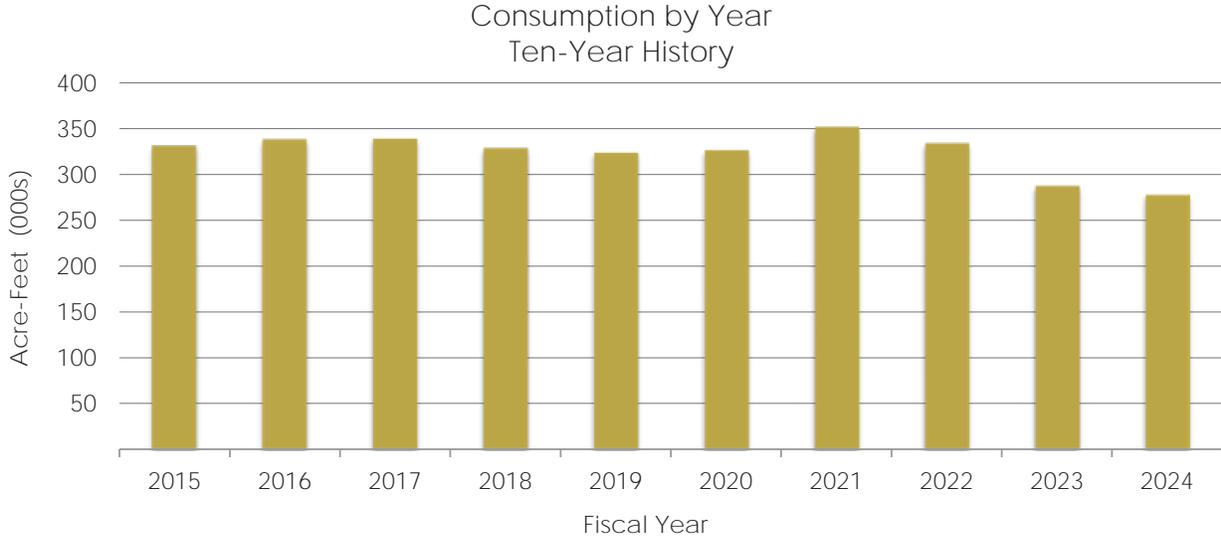
The graph below shows the District’s agriculture rate compared to other California irrigation districts. The District’s rate is among the lowest in the state. This is due, in part, to the large amount of Colorado River water received at no cost. Imperial Irrigation is the only other district on the list that receives only Colorado River water.

Agriculture Water Rate Comparison



Consumption

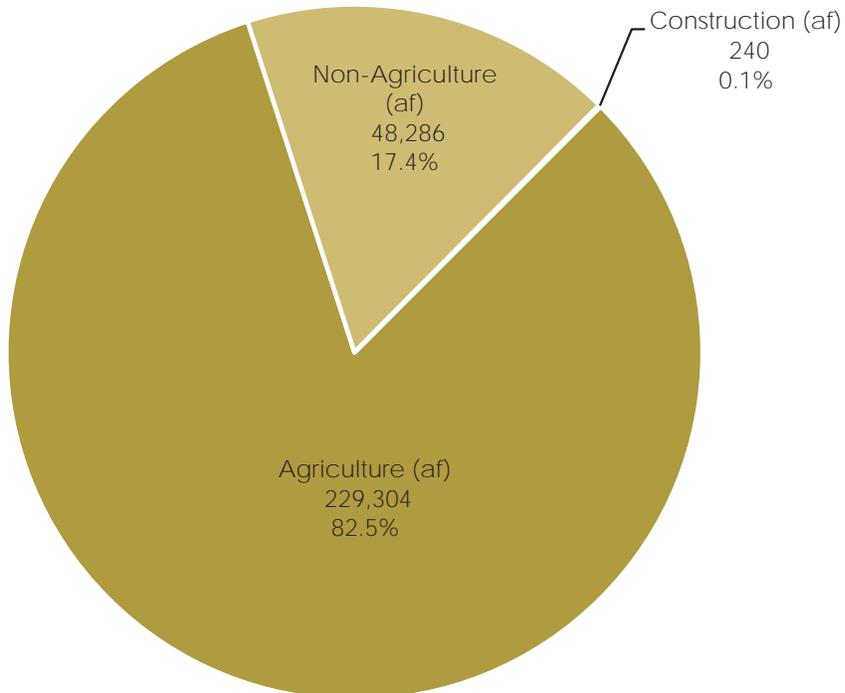
Total consumption in fiscal year 2024 was 277,830 af compared to 287,277 af in fiscal year 2023, a 3.3% decrease, as shown in the chart below.



Class 1 Agriculture customers consumed the largest amount of Canal water, at 229,304 af, in fiscal year 2024, reflecting the longstanding reliance on this resource.

Fiscal Year 2024 Consumption by Rate Class

277,830 Acre-Feet



Canal Water Fund	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Water Sales	\$ 13,344,064	\$ 12,647,212	\$ 13,694,505	\$ 13,917,585	\$ 223,080	1.6%
Availability Charges	2,286,219	2,272,586	2,000,000	2,000,000	-	-
Surcharges	1,156,178	1,123,875	1,835,620	2,438,310	602,690	32.8%
Property Taxes - General	12,906,046	13,948,166	12,617,670	14,223,753	1,606,083	12.7%
Charges for Services	1,444,049	1,392,932	1,378,911	1,756,190	377,279	27.4%
Intergovernmental	11,157,930	15,785,407	20,618,889	21,459,382	840,493	4.1%
Investment Income	793,611	2,325,685	1,278,196	1,930,087	651,891	51.0%
Other Revenue	119,802	21,155	35,000	162,980	127,980	365.7%
Total Revenues	\$ 43,207,900	\$ 49,517,018	\$ 53,458,791	\$ 57,888,287	\$ 4,429,496	8.3%
Expenses						
Salaries & Benefits (Net of Capitalized Labor)	\$ 12,027,567	\$ 12,796,661	\$ 13,543,755	\$ 14,147,941	\$ 604,186	4.5%
Supplies and Services	12,214,088	12,323,527	12,987,111	13,467,537	480,426	3.7%
Utilities	774,959	1,038,081	1,412,030	1,256,364	(155,666)	-11.0%
Water Purchases	4,969,628	3,131,374	11,498,681	12,726,896	1,228,215	10.7%
Capital Outlay	123,360	46,332	105,130	136,930	31,800	30.2%
Total Expenses	\$ 30,109,602	\$ 29,335,975	\$ 39,546,707	\$ 41,735,668	\$ 2,188,961	5.5%
Operating Income (Loss)	\$ 13,098,297	\$ 20,181,043	\$ 13,912,084	\$ 16,152,619	\$ 2,240,535	16.1%
Nonoperating Revenues (Expenses)						
Sources						
Loan Proceeds	\$ 4,452,347	\$ 8,162,641	\$ 15,513,641	\$ 13,586,000	\$ (1,927,641)	-12.4%
Capital Improvement Reimbursements	234,215	6,943	-	-	-	-
Uses						
Debt Service - External	-	-	-	(813,566)	(813,566)	-
Capital Improvement Projects	(5,152,595)	(11,538,695)	(15,773,458)	(14,086,000)	1,687,458	-10.7%
General District Capital	(936,545)	(595,937)	(677,280)	(1,974,375)	(1,297,095)	191.5%
Motorpool Capital	(181,292)	(8,046)	(80,010)	(455,789)	(375,779)	469.7%
Legal Claim Contingency Accrual ⁽²⁾	-	(19,446,015)	-	-	-	-
Other Revenue (Expenses) ⁽³⁾	(3,080)	(3,119,783)	-	205,559	205,559	-
Total Nonoperating Revenues (Expenses)	\$ (1,586,952)	\$ (26,538,892)	\$ (1,017,107)	\$ (3,538,171)	\$ (2,521,064)	247.9%
Increase (Decrease) in Cash Flow	\$ 11,511,346	\$ (6,357,849)	\$ 12,894,977	\$ 12,614,448	\$ (280,529)	-2.2%
Beginning Reserve	\$ 55,910,926	\$ 67,422,271	\$ 67,422,271	\$ 61,064,422	\$ (6,357,849)	-9.4%
Ending Reserve	\$ 67,422,271	\$ 61,064,422	\$ 80,317,248	\$ 73,678,870	\$ (6,638,378)	-8.3%
Assigned Reserve	\$ 34,718,000	\$ 37,445,000	\$ 37,445,000	\$ 37,893,000	\$ 448,000	1.2%
Unassigned Reserve	\$ 32,704,271	\$ 23,619,422	\$ 42,872,248	\$ 35,785,870	\$ (7,086,378)	-16.5%
<i>Days Cash on Hand</i>	<i>817</i>	<i>760</i>	<i>741</i>	<i>644</i>	<i>(97)</i>	<i>-13.1%</i>

⁽¹⁾ Unaudited

⁽²⁾ Per Generally Accepted Accounting Principles (GAAP), the Legal Claim Contingency Accrual is a set aside of funding for potential future legal claims, and does not currently reflect an actual FY 2024 expenditure.

⁽³⁾ Other Non-Operating Expenses includes prior period adjustments related to the GASB 96 implementation.

Budget Summary

The Coachella Canal was completed over 75 years ago. As with all assets, proper maintenance and repair ensures reliable performance at the lowest operating cost. Underfunded canal systems lead to lost water, higher operating costs, and unreliable water deliveries. The replacement cost of the system, which includes the 123-mile Coachella Canal, 503 miles of distribution pipelines, and 2,298 miles of drainage, is estimated to be over \$1.6 billion. The District secured over \$68.4 million in low-cost loans from USBR in fiscal year 2023 to fund irrigation lateral improvements and the mid-canal storage project, and is actively working on the improvements.

Total revenues are budgeted at \$57.9 million, or 8.3% higher than fiscal year 2024 budget. Water sales revenue is projected to increase by approximately \$223,000 compared to the fiscal year 2024 budget. This is primarily due to lower class 2 usage related to the curtailment efforts at the Thomas E. Levy Facility as part of the voluntary compensated curtailment program with USBR (water normally purchased from the Canal fund by the East Replenishment fund). Intergovernmental revenues reflect an \$840,000 increase for fiscal year 2025 based on expected payments from USBR as part of the compensated curtailment program and reimbursement revenue previously recorded as a contra expense. Surcharge revenue shows an increase over 2024 actuals to reflect the expected consumption from Oasis customers in fiscal year 2025, as well as Board approved increases to surcharge fees. Property tax revenue remains strong due to assessed value growth, estimated to be \$1.6 million higher than fiscal year 2024 budget.

Total Operating expenses are budgeted at \$41.8 million, or 5.5% higher than fiscal year 2024. An increase in the quantity of QSA water scheduled for 2024 results in higher water purchase costs for fiscal year 2025. Salaries and benefits reflect a 4.5% increase in fiscal year 2025.

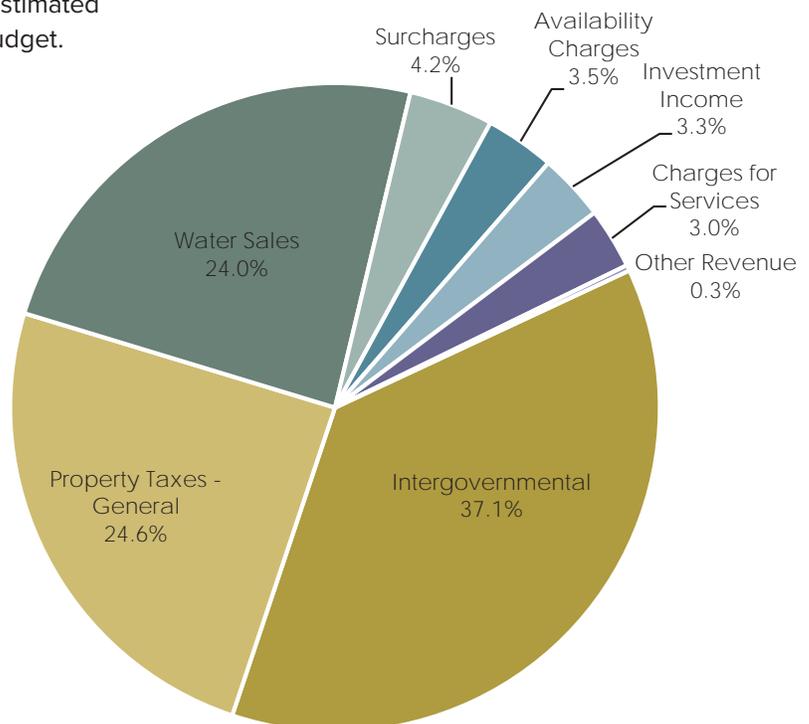
Nonoperating Revenues include \$13.6 million in loan proceeds from USBR to fund irrigation lateral projects. Total Canal CIP expenditures are \$14.1 million, along with \$2 million in general district allocated projects and \$456,000 in vehicle replacements. Fiscal Year 2024 includes \$19.4 million for a legal claim contingency accrual related to an ongoing rate case. While this amount has not been expensed on a budgetary basis, it will be included in the audited financial statements for fiscal year 2024. It is presented here to demonstrate the potential impact to ending reserves. The District has appealed the adverse trial court decision and believes the basis of its appeal is well-founded.

Other Non-Operating expenses for fiscal year 2024 include a \$3.1 million prior period adjustment related to the Government Accounting Standards Board (GASB) 96 implementation. GASB 96 refers to subscription-based information technology arrangements (SBITAs), and the prior period adjustments relate to how general district software implementations were recorded in prior years. The correction reflects the Canal Water fund’s allocation of subscription costs for prior implementation costs. Software subscriptions under GASB 96 will be recorded as operating expenses going forward.

Revenues

Canal Water fund revenues total \$57.9 million, an increase of \$4.4 million from the fiscal year 2024 budget.

Revenues
Operating Revenue
\$57,888,287



INTERGOVERNMENTAL revenues reflect 37.1% of budgeted revenues and include reimbursements the District receives from other agencies related to shared projects or agreements. This includes the Coachella Canal Lining Project (CCLP), power proceeds from Imperial Irrigation District, and curtailment revenue from the USBR. The District expects to curtail approximately 35,000 af in fiscal year 2025 at \$400/af per the agreement.

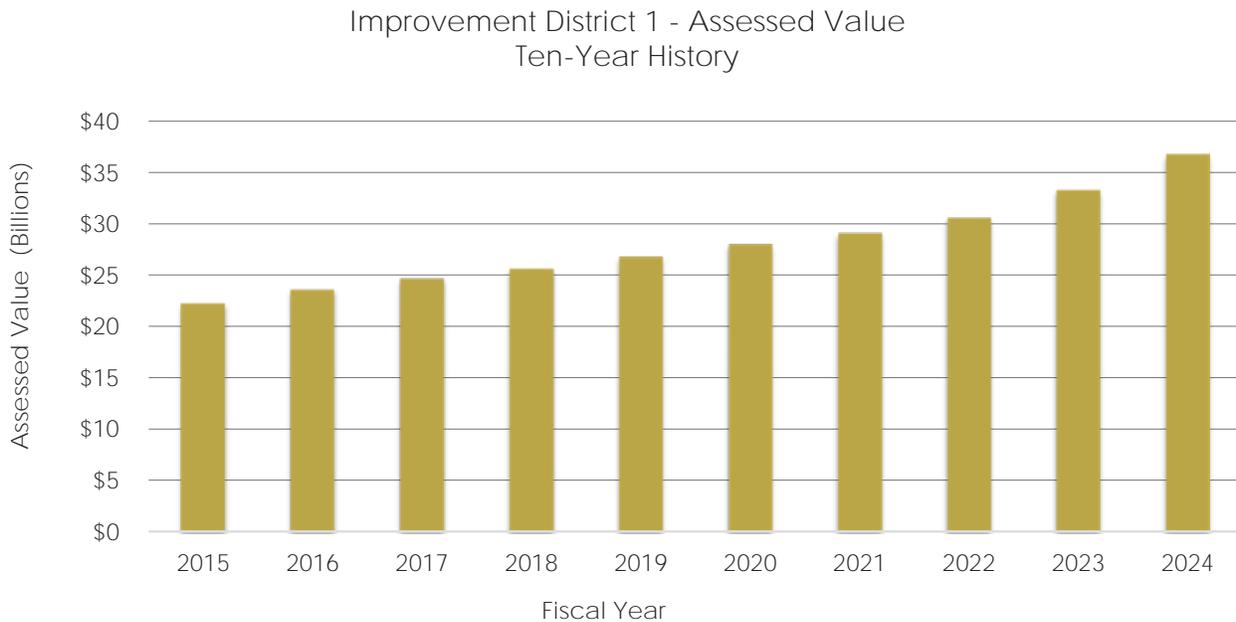
PROPERTY TAXES account for 24.6% of Canal fund revenues. Property tax revenue includes redevelopment revenues representing pass-through agreements of former Redevelopment Agencies (RDAs), along with the District's allocated share of the 1% Riverside and Imperial County secured property tax levy pursuant to the California Revenue and Taxation Code.

IMPROVEMENT DISTRICT 1 (ID-1) PROPERTY TAXES are included in the District's 1% property tax allocation from Riverside County. These revenues are segregated and earmarked for the Canal fund. ID 1 was formed to fund USBR contract repayment obligations for the Canal and its distribution and drainage systems. Although all debt obligations to USBR have been paid, the ID 1 property tax continues to be levied for the operation, maintenance, and replacement of the Canal, distribution, and drainage systems. The ID 1 boundary is shown on the following map.



Improvement District 1 Boundaries

The following graph details the growth in assessed value for ID 1 over the past 10 years.



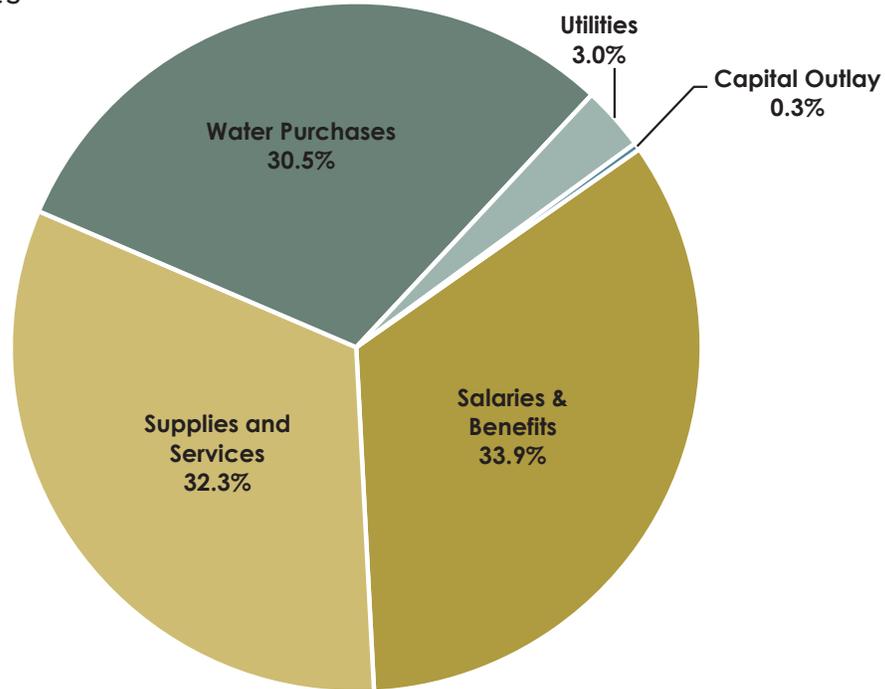
WATER SALES are commodity sales, or the sale of water based on consumption in af (an acre-foot is equivalent to 325,851 gallons of water). Water sales represent 24% of operating revenues and are budgeted to increase by 1.6% in fiscal year 2025. Water sales reflect lower consumption due to voluntary curtailment activities at the Thomas E. Levy Facility.

SURCHARGES total \$2.4 million for fiscal year 2025, representing 4.2% of total revenues. Surcharge revenues include Quagga, Outside ID 1, and Oasis surcharge revenue. The Quagga surcharge is \$4.22 per af of water purchased from the Canal Fund, while the Outside ID 1 surcharge is a per acre charge of \$4.52 per acre per month. The Oasis surcharge is for customers using Canal water as part of the Oasis Project and is \$59.26 per af.

AVAILABILITY CHARGES are budgeted at \$2 million and account for 3.5% of Canal fund revenues. The District levies an annual per-acre charge on all parcels or groups of parcels located in ID 1 that can be served with canal water.

The Class 1 rate multiplied by 3.8 is the per-acre availability charge, which is the 10-year average water demand per acre. The charge can be satisfied each year in one of three ways: by paying (1) the amount of the levy in full, (2) the water service charges equal to or in excess of the levy for that parcel, or (3) the difference between the water service charges and levy if the charges are less than the levy. This revenue source can be difficult to estimate due to the variability of water use from year to year. In effect, the charge is a standby fee or take-or-pay fee to require those who benefit from CVWD’s maintenance of facilities to supply canal water to pay for that benefit.

INVESTMENT INCOME is budgeted at \$1.9 million, representing 3.3% of total Canal operating revenues. Interest income is based on the cash balance in the fund and the interest generated by the combined investments of the District.

Expenses**Operating Expenses****\$41,735,668**

SALARIES & BENEFITS (NET OF CAPITALIZED LABOR) total \$14.1 million, or 33.9 percent of total operating expenses.

SUPPLIES & SERVICES are budgeted at \$13.5 million, a 3.7% increase from fiscal year 2024 budget. The increase is primarily due to an increase in chemical treatment costs and contract services for fiscal year 2025.

WATER PURCHASES are budgeted at \$12.7 million, an increase of \$1.2 million from fiscal year 2024 budget, due to an increase in QSA water quantities in 2025, per agreement.

UTILITIES are budgeted at \$1.3 million, a decrease of \$156,000 over fiscal year 2024, which realigns the budget closer to fiscal year 2024 actual expenses and current consumption.

Capital Improvements

There are \$16.5 million in total capital improvements budgeted for fiscal year 2025. Projects include \$13.6 million for irrigation lateral replacements, \$500,000 for the L-4 Pump Station relocation project, \$2 million for the Canal fund’s share of General District projects, and \$456,000 in vehicle replacements.

More details on the Capital Improvements Plan are located in the Capital Improvement chapter.

Five-Year Forecast

The District completed a comprehensive Cost of Service Study (COSS) for the Canal Water fund in fiscal year 2021 and established maximum Proposition 218 rate increases for fiscal years 2022 through 2026. The Board has the ability to adopt rates up to the maximum rate each year as part of the budget process. Based on fiscal year 2024 performance and projected ending reserves, the Board elected increase gate and surcharge fees for fiscal year 2025.

The five-year forecast includes rate assumptions based on anticipated expenditures. It reflects the balance of ensuring positive operating income for the long term, maintaining coverage for potential future debt, and drawing down unassigned reserves over time to the assigned reserve target. Projected rates are based on current assumptions and will be revised during the next budget process. The following table compares the projected forecast rates to the Proposition 218 maximum rates.

Forecast Rate Comparison Canal (Per AF/Occurrence)	FY 2025 Rate	Change %	FY 2026 Rate	Change %	FY 2027 Rate ⁽¹⁾	Change %	FY 2028 Rate ⁽¹⁾	Change %	FY 2029 Rate ⁽¹⁾	Change %
Proposition 218 Maximum Rates										
Irrigation Water Commodity Charge	\$ 37.07	2.6%	\$ 38.03	2.6%	\$ 38.03	0.0%	\$ 38.03	0.0%	\$ 38.03	0.0%
Water Supply Surcharge	73.23	2.6%	75.13	2.6%	75.13	0.0%	75.13	0.0%	75.13	0.0%
Construction Water Commodity Charge	57.26	3.1%	58.77	2.6%	58.77	0.0%	58.77	0.0%	58.77	0.0%
Quagga Mussel Surcharge	4.22	1.7%	4.31	2.1%	4.31	0.0%	4.31	0.0%	4.31	0.0%
Outside ID-1 Surcharge (\$/acre/month)	4.52	2.0%	4.62	2.2%	4.62	0.0%	4.62	0.0%	4.62	0.0%
Oasis Surcharge	59.26	0.0%	59.26	0.0%	59.26	0.0%	59.26	0.0%	59.26	0.0%
Scheduled Gate Visits	29.60	5.8%	31.36	5.9%	31.36	0.0%	31.36	0.0%	31.36	0.0%
Unscheduled Gate Visits	59.20	5.8%	62.71	5.9%	62.71	0.0%	62.71	0.0%	62.71	0.0%
Forecast Projected Rates										
Irrigation Water Commodity Charge	\$ 34.32	0.0%	\$ 35.35	3.0%	\$ 37.12	5.0%	\$ 38.97	5.0%	\$ 40.92	5.0%
Water Supply Surcharge	67.80	0.0%	69.83	3.0%	73.33	5.0%	76.99	5.0%	80.84	5.0%
Construction Water Commodity Charge	51.33	0.0%	52.87	3.0%	55.51	5.0%	58.29	5.0%	61.20	5.0%
Quagga Mussel Surcharge	4.22	16.3%	4.31	2.1%	4.53	5.0%	4.75	5.0%	4.99	5.0%
Outside ID-1 Surcharge (\$/acre/month)	4.52	8.4%	4.62	2.2%	4.76	3.0%	5.00	5.0%	5.25	5.0%
Oasis Surcharge	59.26	0.0%	59.26	0.0%	59.26	0.0%	59.26	0.0%	59.26	0.0%
Scheduled Gate Visits	29.60	25.8%	31.36	5.9%	32.30	3.0%	33.92	5.0%	35.61	5.0%
Unscheduled Gate Visits	59.20	25.8%	62.71	5.9%	64.59	3.0%	67.82	5.0%	71.21	5.0%

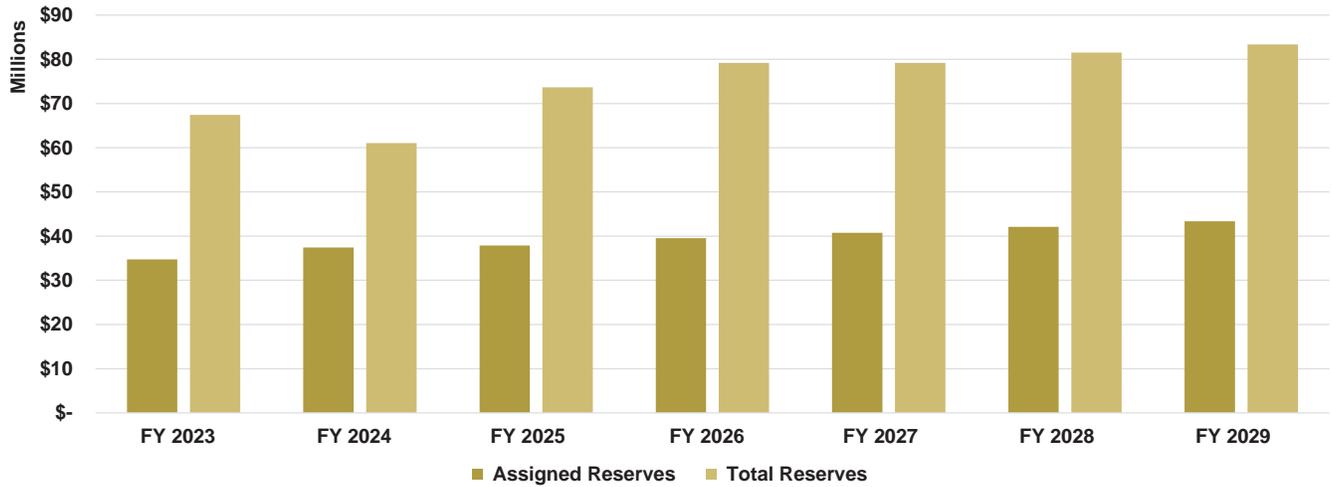
⁽¹⁾ Proposition 218 Rates are only adopted through FY 2026.

Other revenues, including property tax revenue and availability charges, are expected to grow by approximately 3 percent during the forecast period. Water sales begin to increase in fiscal year 2026 as curtailment ends and water sales to the East Replenishment fund return to normal levels. Intergovernmental revenue will decrease significantly by fiscal year 2027 as USBR curtailment revenue payments end.

Operating expenses are forecasted to grow at approximately 4.1 percent per year. Salaries and benefits increase at an average rate of 4.5 percent due to expected cost of living and merit increases. Debt service payments for the USBR loans are expected to begin in fiscal year 2025.

Canal Water Fund Five-Year Forecast	FY 2025 Budget	FY 2026	FY 2027	FY 2028	FY 2029
		Forecast			
Revenues					
Water Sales	\$ 13,917,585	\$ 16,334,899	\$ 19,177,186	\$ 20,136,045	\$ 20,940,743
Availability Charges	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Surcharges	2,438,310	2,831,080	3,145,699	3,233,352	3,473,540
Property Taxes - General	14,223,753	14,650,466	15,089,980	15,542,679	16,008,959
Charges for Services	1,756,190	1,859,923	1,915,721	2,011,050	2,111,131
Intergovernmental	21,459,382	12,088,478	5,280,813	11,050,683	11,310,204
Investment Income	1,930,087	2,799,797	3,008,556	3,009,658	3,098,256
Other Revenue	162,980	162,980	162,980	162,980	162,980
Total Revenues	\$ 57,888,287	\$ 52,727,623	\$ 49,780,935	\$ 57,146,447	\$ 59,105,813
Expenses					
Salaries & Benefits (Net of Capitalized Labor)	\$ 14,147,941	\$ 14,836,856	\$ 15,489,402	\$ 16,332,733	\$ 16,853,635
Supplies and Services	13,467,537	13,965,456	14,406,242	14,783,718	15,171,418
Utilities	1,256,364	1,356,871	1,465,421	1,582,650	1,709,261
Water Purchases	12,726,896	13,865,051	14,281,002	14,709,432	15,150,715
Capital Outlay	136,930	143,777	150,967	158,515	166,441
Total Expenses	\$ 41,735,668	\$ 44,168,011	\$ 45,793,034	\$ 47,567,048	\$ 49,051,470
Operating Income (Loss)	\$ 16,152,619	\$ 8,559,612	\$ 3,987,901	\$ 9,579,399	\$ 10,054,343
Nonoperating Revenues (Expenses)					
Sources					
Loan Proceeds	\$ 13,586,000	\$ 11,166,500	\$ 12,123,000	\$ 4,860,000	\$ 7,900,000
Uses					
Debt Service - External	(813,566)	(1,605,287)	(2,264,093)	(2,840,405)	(3,078,291)
Capital Improvement Projects	(14,086,000)	(11,166,500)	(12,173,000)	(7,844,000)	(12,019,000)
General District Capital	(1,974,375)	(1,092,250)	(1,289,375)	(1,066,250)	(620,000)
Motorpool Capital	(455,789)	(573,980)	(561,000)	(562,760)	(613,140)
Other Revenue (Expenses)	205,559	205,559	205,559	205,559	205,559
Total Nonoperating Revenues (Expenses)	\$ (3,538,171)	\$ (3,065,958)	\$ (3,958,909)	\$ (7,247,856)	\$ (8,224,872)
Increase (Decrease) in Cash Flow	\$ 12,614,448	\$ 5,493,654	\$ 28,992	\$ 2,331,543	\$ 1,829,471
Beginning Reserve	\$ 61,064,422	\$ 73,678,870	\$ 79,172,524	\$ 79,201,516	\$ 81,533,059
Ending Reserve	\$ 73,678,870	\$ 79,172,524	\$ 79,201,516	\$ 81,533,059	\$ 83,362,530
Assigned Reserve	\$ 37,893,000	\$ 39,520,980	\$ 40,756,000	\$ 42,077,760	\$ 43,368,140
Unassigned Reserve	\$ 35,785,870	\$ 39,651,544	\$ 38,445,516	\$ 39,455,299	\$ 39,994,390
<i>Days Cash on Hand</i>	<i>644</i>	<i>654</i>	<i>631</i>	<i>626</i>	<i>620</i>

District Reserves - Canal Water Fund



Reserve Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Canal Water Fund	Actual	Actual ⁽¹⁾	Budget	Forecast			
Assigned Reserves	\$ 34,718,000	\$ 37,445,000	\$ 37,893,000	\$ 39,520,980	\$ 40,756,000	\$ 42,077,760	\$ 43,368,140
Unassigned Reserves	32,704,271	23,619,422	35,785,870	39,651,544	38,445,516	39,455,299	39,994,390
Total Reserves	\$ 67,422,271	\$ 61,064,422	\$ 73,678,870	\$ 79,172,524	\$ 79,201,516	\$ 81,533,059	\$ 83,362,530

Assigned Reserves by Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Canal Water Fund	Actual	Actual ⁽¹⁾	Budget	Forecast			
Operating	\$ 8,427,000	\$ 9,835,000	\$ 10,400,000	\$ 11,006,000	\$ 11,411,000	\$ 11,852,000	\$ 12,221,000
Rate Stabilization	3,371,000	3,934,000	4,160,000	4,402,000	4,564,000	4,741,000	4,889,000
Capital	2,184,000	2,184,000	823,000	823,000	823,000	823,000	823,000
Emergency	20,183,000	21,412,000	22,054,000	22,716,000	23,397,000	24,099,000	24,822,000
Vehicle	553,000	80,000	456,000	573,980	561,000	562,760	613,140
Total Assigned Reserves	\$ 34,718,000	\$ 37,445,000	\$ 37,893,000	\$ 39,520,980	\$ 40,756,000	\$ 42,077,760	\$ 43,368,140

⁽¹⁾ Unaudited

SANITATION FUND



Background

CVWD began wastewater collections and treatment services in 1968. The Sanitation Fund provides sanitation (sewer) service to 105,203 accounts, serving an estimated population of 250,000. CVWD operates five wastewater reclamation plants (WRPs, plants) with a total combined plant capacity of 33.1 million gallons per day. The average daily flow of wastewater to the five plants is 17.05 million gallons. The District has the capacity at its reclamation plants to increase wastewater treatment as the Valley’s population grows. CVWD also maintains 1,173 miles of collection piping systems and 27 lift stations. Today, Coachella Valley Water District recycles about 3.4 billion gallons of wastewater each year.

Wastewater is subjected to an advanced multi-step treatment process that disinfects and filters microscopic particles, organic chemicals, and pathogens from the water, bringing it to a tertiary level. This treatment improves the water quality to a high enough level for full-body contact and irrigation purposes but not for human consumption. Two of the plants, WRPs 7 and 10, produce tertiary treated water.

Recycled water is a safe alternative to potable water when the guidelines are followed and used for its intended purpose. Recycled water must meet strict water quality standards outlined in Title 22, Chapter 3, Division 4 of the California Code of Regulations. In order to make sure that CVWD’s reclamation plants are meeting Title 22 standards, a recycled water sample is collected each day and analyzed for total coliform bacteria. Also, chlorine residual, modal contact time, and turbidity are continuously monitored. Every gallon of recycled water used for outdoor irrigation saves precious groundwater for potable use by domestic customers.

WRPs 1 and 2 are simple lagoon plants. WRP 4 consists of Biolac-activated sludge, solids handling, lagoon treatment, and disinfection. WRP 4 discharges into the Coachella Valley Stormwater Channel and is the District’s only plant with a National Pollutant Discharge Elimination System (NPDES) permit. WRPs 7 and 10 use conventional activated sludge as the treatment process, along with chlorine disinfection. The adjacent table shows plant efficiencies for removing Total Suspended Solids (TSS) and Biological Oxygen Demand (BOD), expressed in milligrams per liter. Both are standard measures of wastewater strength. Since WRPs 1 and 2 do not discharge, there are no effluent values to calculate efficiency.

Plant		Influent	Effluent	% Removed
WRP 4	TSS	2,402	388	83.8%
	BOD	2,298	175	92.4%
WRP 7	TSS	3,315	34	99.0%
	BOD	2,603	13	99.5%
WRP 10	TSS	3,028	70	97.7%
	BOD	2,917	29	99.0%
Total	TSS	8,745	491.7	94.4%
	BOD	7,818	217.5	97.2%

Sewer Rates

Sewer Sewer customers are charged a consumption-based fixed service charge, which estimates sewage discharge, called an equivalent sewer unit (ESU). Sewage discharges for residential customers are based on an indoor water budget of 200 gallons per dwelling unit per day, established by the Domestic Water Fund. Multiplying the 200 gallons per day by 365 days per year yields an equivalent sewer unit of 73,000 gallons per year (approximately 97.6 hundred cubic feet). This ESU value is used as a common denominator to measure the relative impact of all customer classes on the sewer system.

In addition, a monthly account charge per customer is established to recover billing costs. Residential sewer bills are placed on the tax roll each year, so a monthly account charge reflects the costs of placing the sewer bill on the tax roll.

The rv/trailer park customer class has sewage production patterns similar to residential but receives monthly sewer bills rather than annual sewer bills. Therefore, they are charged a monthly account charge that reflects the higher cost to bill monthly.

Nonresidential accounts are based on potable water use, combined with an assumption of a “return to sewer” factor. The return to sewer factor estimates how much of the account’s potable water use is discharged to the sewer drain as wastewater.

All residential and rv/trailer park customers are charged one service charge unit per dwelling unit. Nonresidential customers are charged one service charge per equivalent sewer unit. Based on 90% of their average daily water usage over the previous three years, ESU values are assigned to nonresidential customers.

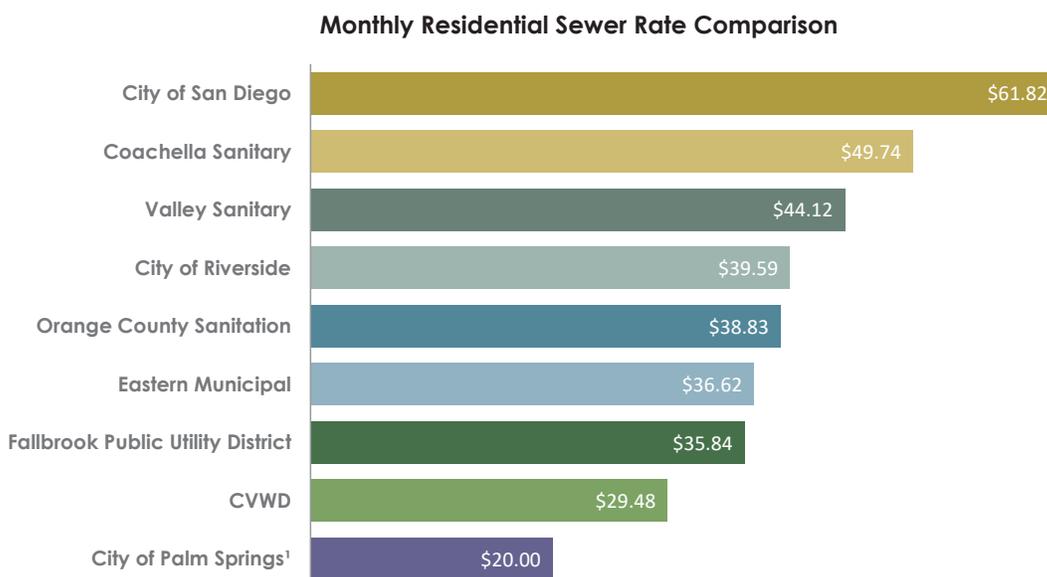
The District completed a comprehensive Cost of Service Study (COSS) for the Sanitation fund in fiscal year 2022, with new rates adopted for fiscal year 2025. The following table outlines the rates in effect for fiscal year 2025.

FY 2025 Monthly Sewer Rates

Customer Class	Account Charge	Service Charge per ESU
Residential	\$1.73	\$29.48
RV/Trailer Parks	\$5.05	\$29.48
Nonresidential	\$5.05	\$29.48

Sewer Rate Comparison

Residential customers receive their sanitation charges on their property tax bill. The charges are for one ESU and one monthly account charge multiplied by twelve. The District’s residential sanitation rates remain the lowest compared to other providers, as shown in the graph below.



¹ City of Palm Springs charges only for collection, not treatment.

Sanitation Fund	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Sanitation Service Fees	\$ 43,573,016	\$ 50,846,478	\$ 46,676,885	\$ 51,054,446	\$ 4,377,561	9.4%
Availability Charges	48,558	65,127	60,000	60,000	-	-
Property Taxes - General	2,583,707	6,489,590	5,992,771	6,587,021	594,250	9.9%
Charges for Services	256,051	218,489	180,000	185,400	5,400	3.0%
Intergovernmental	238,700	314,170	256,905	-	(256,905)	-100.0%
Investment Income	715,317	1,676,725	1,116,284	1,930,657	814,373	73.0%
Other Revenue	225,879	133,849	25,000	444,950	419,950	1679.8%
Total Revenues	\$ 47,641,228	\$ 59,744,428	\$ 54,307,845	\$ 60,262,474	\$ 5,954,629	11.0%
Expenses						
Salaries & Benefits (Net of Capitalized Labor)	\$ 21,218,379	\$ 22,837,861	\$ 23,906,590	\$ 25,238,863	\$ 1,332,273	5.6%
Supplies and Services	11,627,877	13,045,827	14,070,998	15,113,877	1,042,879	7.4%
Utilities	6,437,527	6,963,485	5,647,617	6,644,004	996,387	17.6%
Capital Outlay	361,524	558,236	499,733	455,249	(44,484)	-8.9%
Total Expenses	\$ 39,645,307	\$ 43,405,408	\$ 44,124,938	\$ 47,451,993	\$ 3,327,055	7.5%
Operating Income (Loss)	\$ 7,995,921	\$ 16,339,020	\$ 10,182,907	\$ 12,810,481	\$ 2,627,574	25.8%
Nonoperating Revenues (Expenses)						
Sources						
Loan Proceeds	\$ -	\$ 17,302,696	\$ 11,505,750	\$ 12,679,626	\$ 1,173,876	10.2%
Capital Improvement Reimbursements	65,508	72,827	-	-	-	-
Use of Restricted Funds	1,052,530	7,853,924	9,612,500	7,727,562	(1,884,938)	-19.6%
Grant Revenue	1,687,267	9,686,148	8,124,750	8,656,432	531,682	6.5%
Uses						
Debt Service - External	-	-	-	(1,491,388)	(1,491,388)	-
Capital Improvement Projects	(18,085,266)	(26,264,904)	(33,569,965)	(42,864,284)	(9,294,319)	27.7%
General District Capital	(613,556)	(466,186)	(502,920)	(1,346,125)	(843,205)	167.7%
Motorpool Capital	(1,138)	(373,833)	(386,568)	(869,057)	(482,489)	124.8%
Other Revenue (Expenses) ⁽²⁾	445,980	(6,382,371)	-	-	-	-
Total Nonoperating Revenues (Expenses)	\$ (15,448,675)	\$ 1,428,302	\$ (5,216,453)	\$ (17,507,234)	\$ (12,290,781)	235.6%
Increase (Decrease) in Cash Flow	\$ (7,452,754)	\$ 17,767,322	\$ 4,966,454	\$ (4,696,753)	\$ (9,663,207)	-194.6%
Beginning Reserve	\$ 58,796,262	\$ 51,343,508	\$ 51,343,508	\$ 69,110,830	\$ 17,767,322	34.6%
Ending Reserve	\$ 51,343,508	\$ 69,110,830	\$ 56,309,962	\$ 64,414,077	\$ 8,104,115	14.4%
Assigned Reserve	\$ 24,378,000	\$ 19,738,000	\$ 19,738,000	\$ 22,029,000	\$ 2,291,000	11.6%
Unassigned Reserve	\$ 26,965,508	\$ 49,372,830	\$ 36,571,962	\$ 42,385,077	\$ 5,813,115	15.9%
<i>Days Cash on Hand</i>	<i>473</i>	<i>581</i>	<i>466</i>	<i>495</i>	<i>30</i>	<i>6.4%</i>

⁽¹⁾ Unaudited

⁽²⁾ Other Non-Operating Expenses includes prior period adjustments related to the GASB 96 implementation.

Budget Summary

Total revenues for fiscal year 2025 are budgeted at \$60.3 million, a \$5.9 million increase from fiscal year 2024 budget. Rate increases adopted by the Board as part of the cost of service study are reflected in the budget. Fiscal year 2025 revenues also include a \$6.6 million allocation of general property taxes.

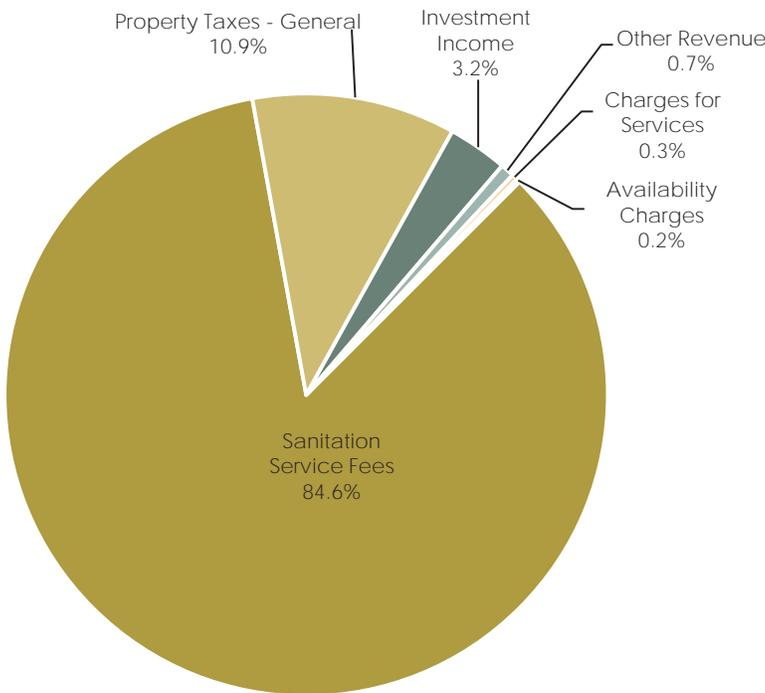
Expenses for fiscal year 2025 are budgeted at \$47.5 million, an overall 7.5% increase over fiscal year 2024. Utilities are projected to increase by 17.6% due to rate increases and supplies and services reflect a 7.4% increase due to increased chemical costs, allocated costs for temporary labor, as the District begins work on the new Enterprise Resource Planning (ERP) implementation and permitting fees.

Other Non-Operating expenses for fiscal year 2024 include a \$6.4 million prior period adjustment related to the Government Accounting Standards Board (GASB) 96 implementation. GASB 96 refers to subscription-based information technology arrangements (SBITAs), and the prior period adjustments relate to how general district

software implementations were recorded in prior years. The correction reflects the Sanitation fund’s allocation of subscription costs for prior implementation costs. Software subscriptions under GASB 96 will be recorded as operating expenses going forward.

Reserves are budgeted at \$64.4 million, an increase of \$8.1 million compared to fiscal year 2024 due to approved rate increases to cover operating costs.

Operating Revenue
\$60,262,474



Revenues

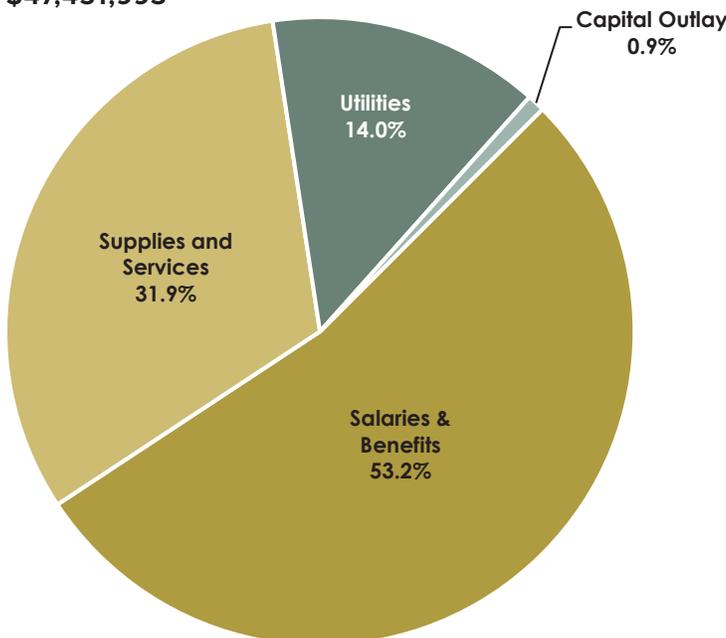
Sanitation fund revenues total \$60.3, an 11% increase from fiscal year 2024. The chart below shows a breakdown by type.

SANITATION SERVICE FEES are budgeted at \$51.1 million and represent 84.6% of total operating revenues. Sanitation service fees are charged to residential customers as a flat monthly rate. The District places the annual residential sewer charges on the tax roll rather than sending a monthly bill to residential customers. The revenues are transmitted to the District by Riverside County in January and May and by Imperial County five times throughout the year.

PROPERTY TAXES account for 10.9% of operating revenues and are projected to increase in fiscal year 2025 based on the expected increase in assessed value.

INVESTMENT INCOME is budgeted at \$1.9 million, representing 3.2% of total Sanitation operating revenues. Interest income is based on the cash balance in the fund and the interest generated by the combined investments of the District.

Operating Expenses
\$47,451,993



Expenses

Budgeted expenses for the Sanitation Fund total \$47.5 million, a 7.5% increase from the fiscal year 2024 budget. The chart shows a breakdown of expenses by type.

SALARIES & BENEFITS total \$25.2 million, or 53.2% of budgeted expenditures.

SUPPLIES & SERVICES are budgeted at \$15.1 million, an increase of \$1 million over fiscal year 2024, reflecting higher chemical costs, temporary labor for projects and Permitting fees.

UTILITIES are budgeted at \$6.6 million, an increase of 17.6%, due to increases in utility rates for fiscal year 2024.

CAPITAL OUTLAY is budgeted at \$455,000.

Sanitation Restricted Funds

Sanitation Capacity Charge (SCC) Collection and Treatment fees are assessed on all new developments and connections of existing residential units and upgrades of existing commercial units within the District’s sanitation system service area. These funds are restricted for constructing backbone facilities for collecting and treating wastewater that provides additional capacity to the enterprise. Fiscal year 2025 capital program requires the use of \$6.4 million in SCC funds for sanitation projects and \$1.4 million in Supplemental Water Supply Charge (SWSC) revenue for non-potable projects.

Five-Year Forecast

The District completed a comprehensive Cost of Service Study (COSS) for the Sanitation fund in fiscal year 2022 and established maximum Proposition 218 rate increases for fiscal years 2023 through 2027. The Board adopted the recommended rates for fiscal year 2025.

The five-year forecast includes rate assumptions based on anticipated expenditures and reflects the balance of ensuring positive operating income for the long term, maintaining coverage for anticipated future debt, and drawing down unassigned reserves over time to the assigned reserve target. Projected rates are based on current assumptions and will be revised during the next budget process. The following table compares the projected forecast rates to the Proposition 218 maximum rates for a typical Sanitation residential customer.

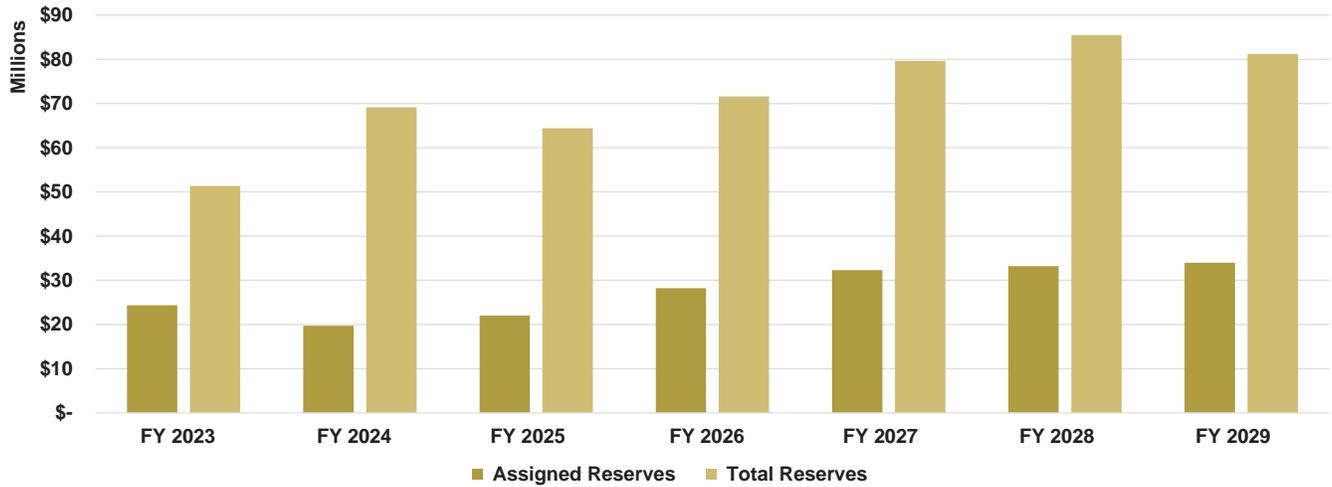
Forecast Rate Comparison Sanitation Residential Customer	FY 2025 Rate	Monthly Charge	FY 2026 Rate	Monthly Charge	FY 2027 Rate	Monthly Charge	FY 2028 Rate ⁽¹⁾	Monthly Charge	FY 2029 Rate ⁽¹⁾	Monthly Charge
Proposition 218 Maximum Rates										
Residential Fixed Account Charge	\$ 1.73	\$ 1.73	\$ 1.91	\$ 1.91	\$ 2.07	\$ 2.07	\$ 2.07	\$ 2.07	\$ 2.07	\$ 2.07
Equivalent Sewer Unit (ESU)	29.48	29.48	31.96	31.96	34.68	34.68	34.68	34.68	34.68	34.68
Total Monthly Sanitation Charge		\$ 31.21		\$ 33.87		\$ 36.75		\$ 36.75		\$ 36.75
Year-Over-Year % Change		8.5%		8.5%		8.5%		0.0%		0.0%
Forecast Projected Rates										
Residential Fixed Account Charge	\$ 1.73	\$ 1.73	\$ 1.91	\$ 1.91	\$ 2.07	\$ 2.07	\$ 2.07	\$ 2.07	\$ 2.07	\$ 2.07
Equivalent Sewer Unit (ESU)	29.48	29.48	31.96	31.96	34.68	34.68	34.68	34.68	34.68	34.68
Total Monthly Sanitation Charge		\$ 31.21		\$ 33.87		\$ 36.75		\$ 36.75		\$ 36.75
Year-Over-Year % Change		8.5%		8.5%		8.5%		0.0%		0.0%

⁽¹⁾ Proposition 218 Rates are adopted through FY 2027.

Sanitation rates are budgeted at the Proposition 218 maximum rates through fiscal year 2027 and projected at 0.0% for fiscal years 2028 and 2029. Consistent rate increases supplemented by property tax revenue enable the fund to afford a \$242 million CIP program over the next five years, utilizing pay-go funds, loans, grants, and restricted developer fees. Total operating expenses are increasing by an average of 6.1% per year during the forecast period.

Sanitation Fund Five-Year Forecast	FY 2025 Budget	FY 2026	FY 2027	FY 2028	FY 2029
		Forecast			
Revenues					
Sanitation Service Fees	\$ 51,054,446	\$ 55,889,709	\$ 61,188,244	\$ 61,819,636	\$ 62,457,620
Availability Charges	60,000	60,000	60,000	60,000	60,000
Property Taxes - General	6,587,021	6,784,632	6,988,171	7,197,816	7,413,750
Charges for Services	185,400	190,963	196,691	202,592	208,669
Investment Income	1,930,657	2,447,735	2,721,007	3,025,905	3,246,505
Other Revenue	444,950	444,950	444,950	444,950	444,950
Total Revenues	\$ 60,262,474	\$ 65,817,989	\$ 71,599,063	\$ 72,750,899	\$ 73,831,494
Expenses					
Salaries & Benefits (Net of Capitalized Labor)	\$ 25,238,863	\$ 25,692,110	\$ 26,882,353	\$ 29,158,993	\$ 30,620,019
Supplies and Services	15,113,877	15,715,248	16,239,850	16,680,554	17,133,582
Utilities	6,644,004	7,175,527	7,749,571	8,369,531	9,039,091
Capital Outlay	455,249	478,012	501,913	527,008	553,359
Total Expenses	\$ 47,451,993	\$ 49,060,897	\$ 51,373,687	\$ 54,736,086	\$ 57,346,051
Operating Income (Loss)	\$ 12,810,481	\$ 16,757,092	\$ 20,225,376	\$ 18,014,813	\$ 16,485,443
Nonoperating Revenues (Expenses)					
Sources					
Loan Proceeds	\$ 12,679,626	\$ 31,958,870	\$ 26,460,570	\$ 11,902,800	\$ 350,000
Use of Restricted Funds	7,727,562	20,304,020	20,064,810	8,800,400	7,244,126
Grant Revenue	8,656,432	7,609,750	15,556,250	8,693,000	3,625,000
Uses					
Debt Service - External	(1,491,388)	(2,796,224)	(5,776,133)	(5,776,132)	(5,776,133)
Capital Improvement Projects	(42,864,284)	(65,279,040)	(67,079,620)	(34,533,800)	(25,086,069)
General District Capital	(1,346,125)	(684,750)	(764,625)	(630,750)	(363,000)
Motorpool Capital	(869,057)	(678,340)	(663,000)	(665,080)	(724,620)
Total Nonoperating Revenues (Expenses)	\$ (17,507,234)	\$ (9,565,714)	\$ (12,201,748)	\$ (12,209,562)	\$ (20,730,696)
Increase (Decrease) in Cash Flow	\$ (4,696,753)	\$ 7,191,378	\$ 8,023,628	\$ 5,805,251	\$ (4,245,253)
Beginning Reserve	\$ 69,110,830	\$ 64,414,077	\$ 71,605,455	\$ 79,629,083	\$ 85,434,334
Ending Reserve	\$ 64,414,077	\$ 71,605,455	\$ 79,629,083	\$ 85,434,334	\$ 81,189,081
Assigned Reserve	\$ 22,029,000	\$ 28,230,000	\$ 32,297,000	\$ 33,196,000	\$ 33,966,000
Unassigned Reserve	\$ 42,385,077	\$ 43,375,455	\$ 47,332,083	\$ 52,238,334	\$ 47,223,081
<i>Days Cash on Hand</i>	495	533	566	570	517

District Reserves - Sanitation Fund



Reserve Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Sanitation Fund	Actual	Actual ⁽¹⁾	Budget	Forecast			
Assigned Reserves	\$ 24,378,000	\$ 19,738,000	\$ 22,029,000	\$ 28,230,000	\$ 32,297,000	\$ 33,196,000	\$ 33,966,000
Unassigned Reserves	26,965,508	49,372,830	42,385,077	43,375,455	47,332,083	52,238,334	47,223,081
Total Reserves	\$ 51,343,508	\$ 69,110,830	\$ 64,414,077	\$ 71,605,455	\$ 79,629,083	\$ 85,434,334	\$ 81,189,081

Assigned Reserves by Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Sanitation Fund	Actual	Actual ⁽¹⁾	Budget	Forecast			
Operating	\$ 10,148,000	\$ 10,788,000	\$ 11,749,000	\$ 12,146,000	\$ 12,718,000	\$ 13,552,000	\$ 14,198,000
Rate Stabilization	4,255,000	820,000	899,000	5,589,000	6,119,000	6,182,000	6,246,000
Capital	4,005,000	4,005,000	2,530,000	2,530,000	2,530,000	2,530,000	2,530,000
Emergency	3,738,000	3,738,000	4,491,000	4,491,000	4,491,000	4,491,000	4,491,000
Vehicle	246,000	387,000	869,000	678,000	663,000	665,000	725,000
Debt Service	1,986,000	-	1,491,000	2,796,000	5,776,000	5,776,000	5,776,000
Total Assigned Reserves	\$ 24,378,000	\$ 19,738,000	\$ 22,029,000	\$ 28,230,000	\$ 32,297,000	\$ 33,196,000	\$ 33,966,000

⁽¹⁾ Unaudited

An aerial photograph showing a wide, sandy riverbed on the left, a dense line of green trees in the center, and a modern water treatment facility on the right. In the background, there are mountains, some with snow, under a clear blue sky. The text 'STORMWATER FUND' is overlaid in large white letters.

STORMWATER FUND

History

The Coachella Valley is an arid desert region averaging less than four inches of rain per year. However, the surrounding mountains are subject to much higher rainfall rates, which can produce unpredictable, damaging, and even deadly flash flooding events throughout the Coachella Valley.

Prior to 1915, efforts to manage damaging floods were handled by local communities (Indio, Coachella, or Mecca), but they soon realized that a regional solution was required. In 1915, the Coachella Valley Stormwater District was formed to manage regional flooding events that originate from the surrounding mountains and provide regional flood protection to the communities within the Coachella Valley.



Whitewater River at Indian Avenue as it appeared on March 23, 1965

The 1916 flood event was particularly devastating, with reports of a sheet of water a mile wide in Indio. Water was two feet deep or more on Fargo Street. Coachella, Thermal, and Mecca were underwater, and many miles of county roads were damaged or left in shambles, including the newly paved road in the upper valley. The Whitewater River's channel had become a narrowed, deeply scoured channel up to 50 feet deep from Cathedral City to Point Happy.

The threat of flooding not only comes from the Whitewater River, which collects runoff from Mount San Gorgonio and Mount San Jacinto, but numerous canyons surrounding the valley in the San Bernardino, San Jacinto, and Santa Rosa mountains. The Valley has tributaries reaching all the way to the summit of the San Gorgonio Pass.

When Coachella Valley County Water District (CVCWD, District) began operations in 1918, the District shared an office with the Coachella Valley Storm Water District.

Ultimately, the Storm Water District was too small and lacked funds to build the necessary infrastructure to protect Coachella Valley residents and businesses from major floods.

In 1937, Coachella Valley voters and special legislation (Water Code 33100-33106) allowed the Coachella Valley County Water District to merge with the Coachella Valley Storm Water District, with the successor Coachella Valley County Water District assuming the powers and duties of both the Storm Water and County Water District. In 1979, the District dropped "County" from its name and became known as the Coachella Valley Water District.

CVWD is currently responsible for much of the regional stormwater protection in the Coachella Valley. Historically, flooding in the Coachella Valley has been a dangerous occurrence, with widespread damage and even deaths occurring after severe storms. Many of the facilities that exist today were built or improved in the 1970s, 1980s, and 1990s in cooperation with cities and other agencies following severe floods.

Background

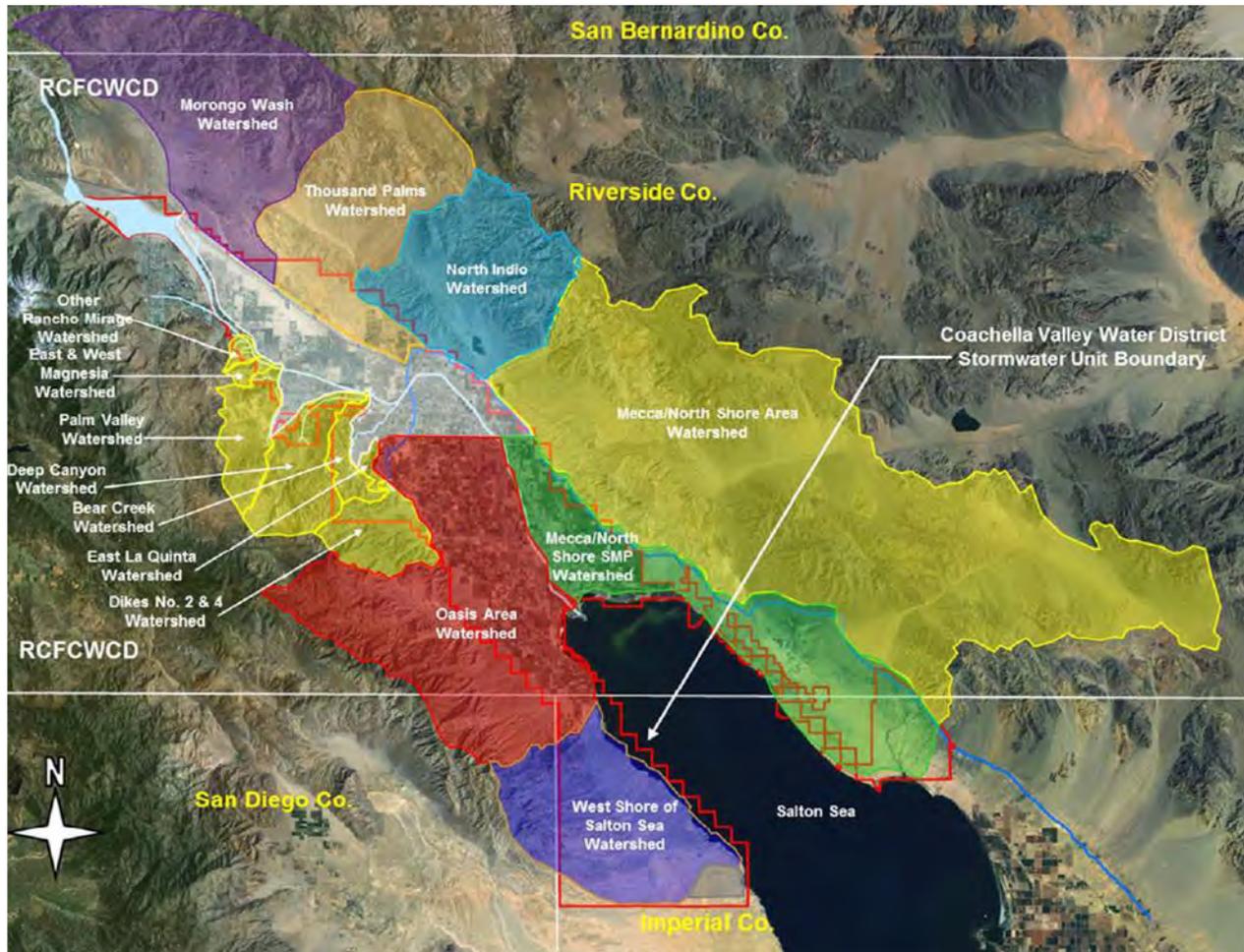
CVWD protects over 381,479 acres from flooding, with Riverside County Flood Control District responsible for the remaining areas of the valley. There are 18 stormwater channels within CVWD’s boundaries. The entire system includes approximately 169 miles of channels built along the natural alignment of dry creeks that naturally flow from the surrounding mountains into the Whitewater River. Along with the channels, a number of dikes and levees have been designed and built to collect rapidly flowing flood water as it pours from the adjacent mountains onto the valley floor.

The backbone of the valley’s stormwater protection system is a 50-mile storm channel that runs from the Whitewater area north of Palm Springs to the Salton Sea. The channel’s western half runs along the Whitewater River’s natural alignment that cuts diagonally across the valley to Point Happy in La Quinta. This portion of the channel is called the Whitewater River Stormwater Channel. Since the riverbed flattens out naturally in the

eastern valley, a man-made storm channel directs flood waters downstream from Point Happy to the Salton Sea. This man-made extension is referred to as the Coachella Valley Stormwater Channel.

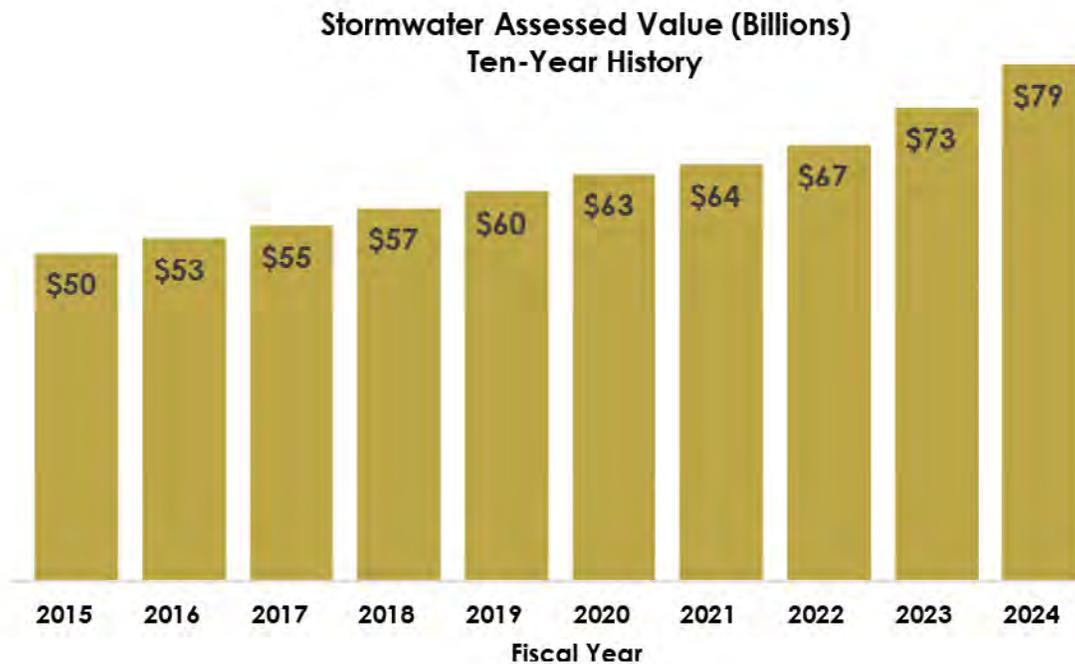
The Whitewater River/Coachella Valley Stormwater Channel was designed and built to withstand a standard project flood, or a flow of about 83,000 cubic feet per second, which is no longer used as a design standard. Regional stormwater facilities are currently designed and constructed using the 100-Year Flood design standard.

The following map depicts the numerous watershed areas that drain into the Coachella Valley, along with Coachella Valley Water District’s Stormwater Unit Boundaries. The map references the Riverside County Flood Control and Water Conservation District (RCFCWCD), which has jurisdiction over areas outside of the CVWD Stormwater Unit Boundary.



With the merger of the Coachella Valley Storm Water District and the Coachella Valley County Water District, the District gained the designation of a “Stormwater Unit.” This designation gives CVWD the ability to raise taxes for bonds, indebtedness, works, improvements, and functions authorized by the Storm Water District Act of 1909. This tax levy remains in effect today and is part of the 1% of assessed value that Riverside and Imperial counties impose and collect from area property owners.

Stormwater protection is funded primarily by local property taxes. Property values reset each time there is a change in ownership, with the value being established at the sales price. In addition, values can increase each year based on CPI up to 2%. In fiscal year 2024, assessed value (AV) increased by 8.2% from fiscal year 2023 within the Stormwater Unit boundary. The following chart shows AV growth for the past 10 years.



With property taxes providing the main revenue source, expansion of the stormwater system is limited. The Thousand Palms area and rural areas in the eastern Coachella Valley from Oasis to Salton City do not currently have flood protection. In fiscal year 2019, the District completed the Eastern Coachella Valley Stormwater Master Plan. The plan is designed as a long-term, comprehensive stormwater master plan that identifies conceptual locations, alignments, and sizes for primary stormwater facilities within the 167 square mile Study Area. The Master Plan is a planning guide for locating and sizing regional stormwater and drainage facilities. It has been designed to be inherently flexible to allow CVWD to respond to physical, environmental, regulatory, and economic changes.

Stormwater Fund	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Property Taxes - General	\$ 26,190,115	\$ 29,457,239	\$ 25,481,906	\$ 28,864,127	\$ 3,382,221	13.3%
Charges for Services	102,591	118,987	113,500	116,905	3,405	3.0%
Intergovernmental	59,920	71,187	59,945	-	(59,945)	-100.0%
Investment Income	2,323,572	4,016,935	2,654,548	3,973,562	1,319,014	49.7%
Other Revenue	1,485,120	6,587,953	1,000,000	1,074,655	74,655	7.5%
Total Revenues	\$ 30,161,318	\$ 40,252,301	\$ 29,309,899	\$ 34,029,249	\$ 4,719,350	16.1%
Expenses						
Salaries & Benefits (Net of Capitalized Labor)	\$ 5,115,128	\$ 5,714,479	\$ 5,575,995	\$ 6,621,396	\$ 1,045,401	18.7%
Supplies and Services	4,415,425	8,827,900	8,751,865	5,737,355	(3,014,510)	-34.4%
Utilities	104,723	113,510	121,370	116,271	(5,099)	-4.2%
Capital Outlay	4,865	25,235	34,650	43,320	8,670	25.0%
Total Expenses	\$ 9,640,142	\$ 14,681,124	\$ 14,483,880	\$ 12,518,342	\$ (1,965,538)	-13.6%
Operating Income (Loss)	\$ 20,521,176	\$ 25,571,176	\$ 14,826,019	\$ 21,510,907	\$ 6,684,888	45.1%
Nonoperating Revenues (Expenses)						
Sources						
Loan Proceeds	\$ 55,418,951	\$ -	\$ 9,950,000	\$ -	\$ (9,950,000)	-100.0%
Capital Improvement Reimbursements	324,105	8,952	-	-	-	-
Grant Revenue	306,927	2,949	-	-	-	-
Uses						
Debt Service - External	(2,278,464)	(3,307,568)	(6,116,710)	(6,120,460)	(3,750)	0.1%
Capital Improvement Projects	(70,359,113)	(26,964,502)	(37,023,032)	(24,200,000)	12,823,032	-34.6%
General District Capital	(43,014)	(122,619)	(130,010)	(506,375)	(376,365)	289.5%
Motorpool Capital	(325,922)	(10,733)	(34,209)	(245,812)	(211,603)	618.6%
Other Revenue (Expenses) ⁽²⁾	290,802	(189,319)	-	-	-	-
Total Nonoperating Revenues (Expenses)	\$ (16,665,728)	\$ (30,582,840)	\$ (33,353,961)	\$ (31,072,647)	\$ 2,281,314	-6.8%
Increase (Decrease) in Cash Flow	\$ 3,855,448	\$ (5,011,664)	\$ (18,527,942)	\$ (9,561,740)	\$ 8,966,202	-48.4%
Beginning Reserve	\$ 149,456,004	\$ 153,311,452	\$ 143,361,452	\$ 148,299,788	\$ 4,938,336	3.4%
Ending Reserve	\$ 153,311,452	\$ 148,299,788	\$ 124,833,510	\$ 138,738,048	\$ 13,904,538	11.1%
Assigned Reserve	\$ 47,139,000	\$ 50,283,000	\$ 50,283,000	\$ 50,859,000	\$ 576,000	1.1%
Unassigned Reserve	\$ 106,172,452	\$ 98,016,788	\$ 74,550,510	\$ 87,879,048	\$ 13,328,538	17.9%
<i>Days Cash on Hand</i>	<i>5,805</i>	<i>3,687</i>	<i>3,146</i>	<i>4,045</i>	<i>899</i>	<i>28.6%</i>

⁽¹⁾ Unaudited

⁽²⁾ Other Non-Operating Expenses includes prior period adjustments related to the GASB 96 implementation.

Budget Summary

Stormwater ending reserves are budgeted at \$138.7 million, an increase of \$13.9 million over fiscal year 2024 unaudited actuals. The increase reflects a \$12.8 million reduction in the planned use of reserves for capital improvement projects. Property tax revenue remains strong due to growth in assessed value, reflecting a budgeted increase of \$3.4 million or 13.3%. Total expenses are decreasing by \$2.0 million, as supplies and services are expected to return to normal levels after a large increase in FY 2024 related to storm channel damage from heavy storms. The District is actively working with FEMA to document and process damages related to Tropical Storm Hilary to recover costs related to the storm.

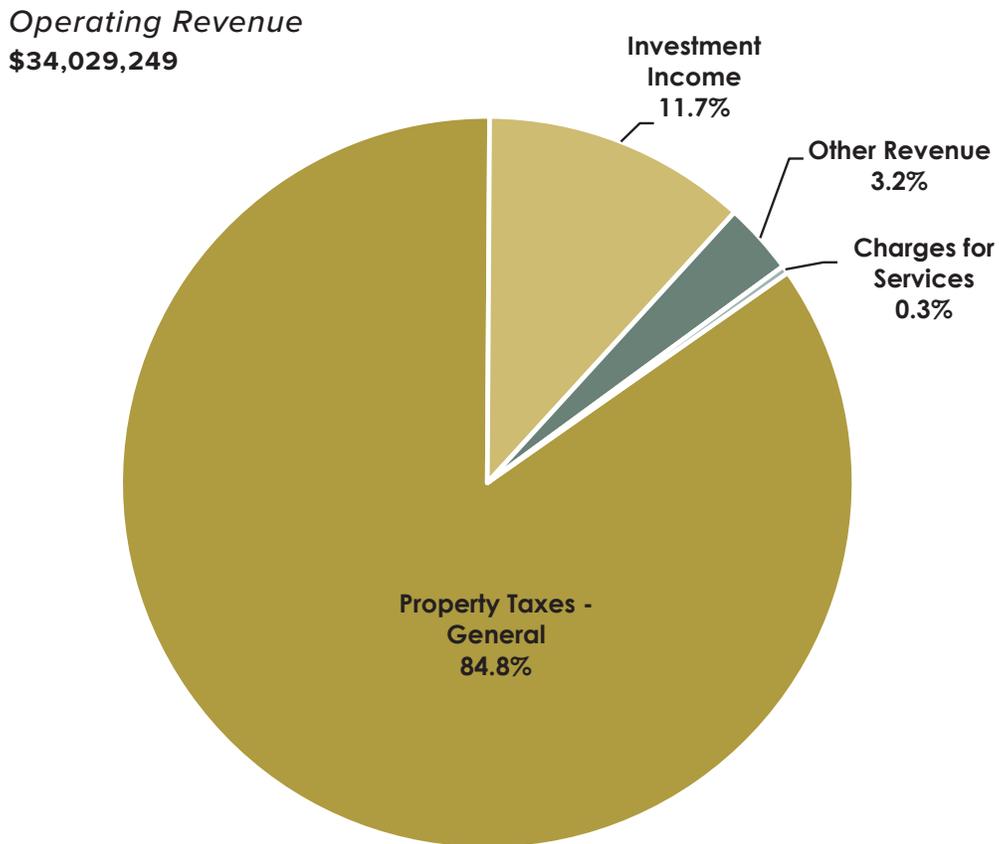
Revenues

Stormwater revenues total \$34.0 million, an increase of \$4.7 million from fiscal year 2024. The chart below shows a breakdown by type.

PROPERTY TAXES account for 84.8% of revenues in the Stormwater Fund. Property tax revenues represent the District’s dedicated share of the 1% Riverside and Imperial Counties secured property tax levy for the Stormwater Unit, pursuant to the California Revenue and Taxation Code.

INVESTMENT INCOME is generated on available cash balances in the fund and is a function of the reserve balance and investment performance. Revenues are projected at \$4.0 million for fiscal year 2025.

OTHER REVENUE consists mainly of lease revenue from lands owned by the Stormwater Fund. This comprises 3.5% of the revenues of the fund.

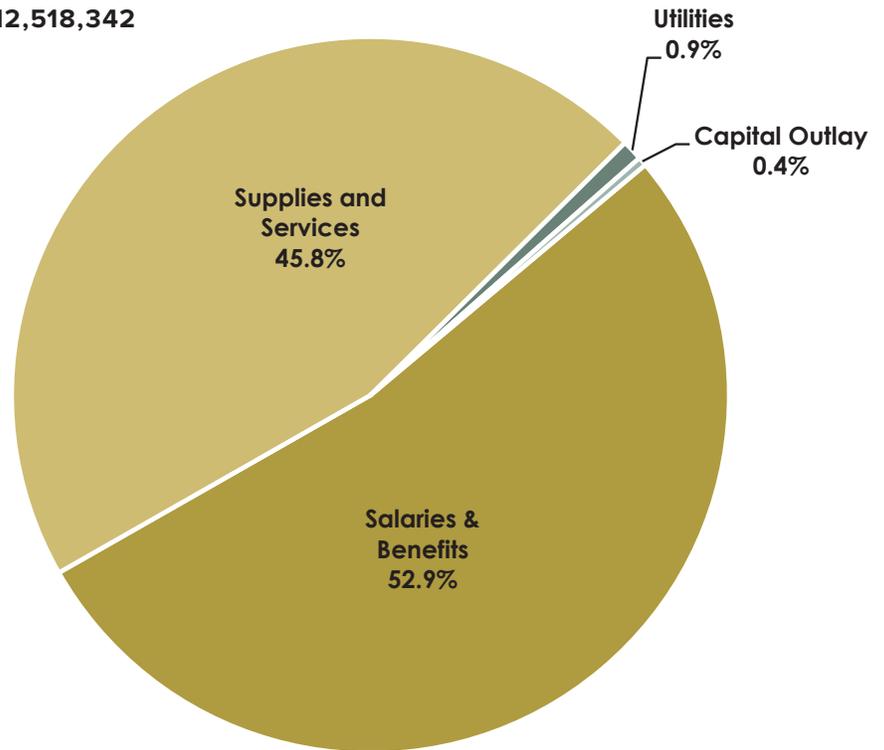


Operating Expenses
\$12,518,342

SALARIES & BENEFITS (NET OF CAPITALIZED LABOR) are budgeted at \$6.6 million, an 18.7% increase over fiscal year 2024 budget. As the size of the CIP budget decreases in fiscal year 2025, less labor is capitalized, resulting in the increase. When capitalized labor is included, fiscal year 2025 Salaries & Benefits are growing at approximately 7.7%.

SUPPLIES & SERVICES are 45.8% of budgeted expenditures, at \$5.7 million. The reduction is primarily due to decreased costs for contract services and equipment usage for fiscal year 2025.

UTILITIES represent 0.9% of budgeted expenses at \$116,000.



Capital Improvements

There are \$25.0 million in capital improvement projects budgeted in fiscal year 2025, with funding from pay-go and unrestricted reserves. Projects continue to focus on regional flood control master planning, design of wetlands, replacement of evacuation channels, levee certifications, and flood easement renewals. More details on the Capital Improvement Plan can be found in the Capital Improvements chapter.

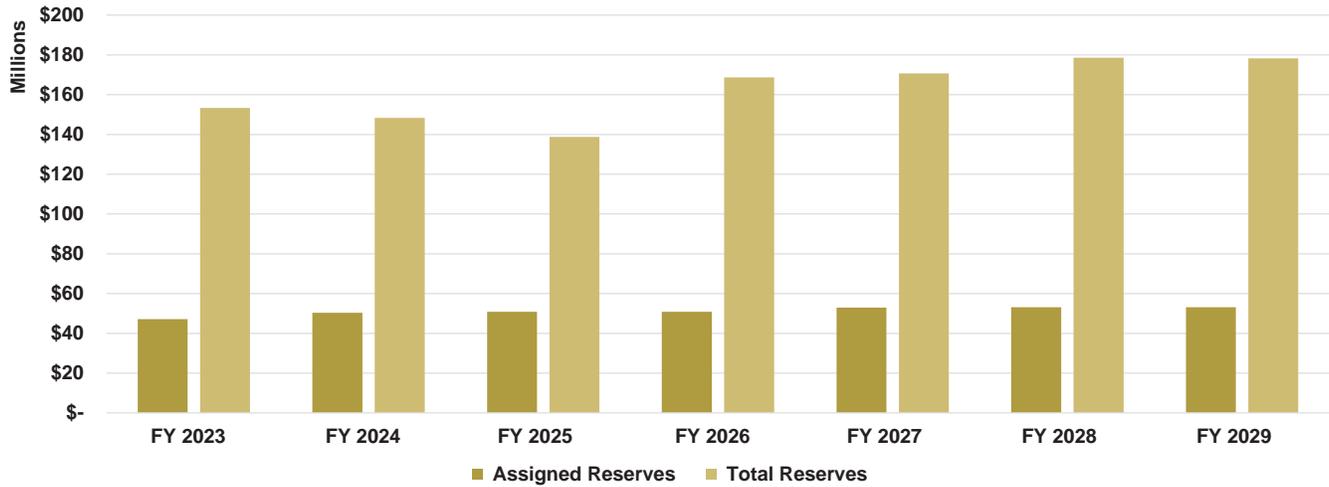
Five-Year Forecast

Property taxes are budgeted to increase by approximately 3% each year through the forecast period, mainly due to increases in assessed value. Investment income is budgeted to increase due to anticipated investment returns and higher rates in the shorter term. Operating expenses are forecasted to grow at approximately 5.1% per year. Salaries and benefits are projected to increase on average around 7.0% per year over the forecast period.

STORMWATER FUND

Stormwater Fund Five-Year Forecast	FY 2025 Budget	FY 2026	FY 2027	FY 2028	FY 2029
		Forecast			
Revenues					
Property Taxes - General	\$ 28,864,127	\$ 29,730,051	\$ 30,621,953	\$ 31,540,612	\$ 32,486,830
Charges for Services	116,905	120,412	124,025	127,745	131,577
Investment Income	3,973,562	5,272,046	6,411,303	6,484,530	6,787,432
Other Revenue	1,074,655	1,074,655	1,074,655	1,074,655	1,074,655
Total Revenues	\$ 34,029,249	\$ 36,197,164	\$ 38,231,936	\$ 39,227,542	\$ 40,480,494
Expenses					
Salaries & Benefits (Net of Capitalized Labor)	\$ 6,621,396	\$ 7,038,253	\$ 7,572,132	\$ 8,103,220	\$ 8,146,762
Supplies and Services	5,737,355	5,953,160	6,143,565	6,305,704	6,472,257
Utilities	116,271	125,574	135,619	146,472	158,188
Capital Outlay	43,320	45,487	47,762	50,151	52,659
Total Expenses	\$ 12,518,342	\$ 13,162,474	\$ 13,899,078	\$ 14,605,547	\$ 14,829,866
Operating Income (Loss)	\$ 21,510,907	\$ 23,034,690	\$ 24,332,858	\$ 24,621,995	\$ 25,650,628
Nonoperating Revenues (Expenses)					
Sources					
Loan Proceeds	\$ -	\$ 33,693,300	\$ -	\$ -	\$ -
Uses					
Debt Service - External	(6,120,460)	(6,121,209)	(8,067,447)	(8,067,071)	(8,068,322)
Capital Improvement Projects	(24,200,000)	(20,420,000)	(14,100,000)	(8,390,000)	(17,800,000)
General District Capital	(506,375)	(180,250)	(212,875)	(168,250)	(79,000)
Motorpool Capital	(245,812)	(26,090)	(25,500)	(25,580)	(27,870)
Total Nonoperating Revenues (Expenses)	\$ (31,072,647)	\$ 6,945,751	\$ (22,405,822)	\$ (16,650,901)	\$ (25,975,192)
Increase (Decrease) in Cash Flow	\$ (9,561,740)	\$ 29,980,441	\$ 1,927,036	\$ 7,971,094	\$ (324,564)
Beginning Reserve	\$ 148,299,788	\$ 138,738,048	\$ 168,718,489	\$ 170,645,525	\$ 178,616,619
Ending Reserve	\$ 138,738,048	\$ 168,718,489	\$ 170,645,525	\$ 178,616,619	\$ 178,292,055
Assigned Reserve	\$ 50,859,000	\$ 50,800,000	\$ 52,930,000	\$ 53,106,000	\$ 53,164,000
Unassigned Reserve	\$ 87,879,048	\$ 117,918,489	\$ 117,715,525	\$ 125,510,619	\$ 125,128,055
<i>Days Cash on Hand</i>	<i>4,045</i>	<i>4,679</i>	<i>4,481</i>	<i>4,464</i>	<i>4,388</i>

District Reserves - Stormwater Fund



Reserve Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Stormwater Fund	Actual	Actual ⁽¹⁾	Budget	Forecast			
Assigned Reserves	\$ 47,139,000	\$ 50,283,000	\$ 50,859,000	\$ 50,800,000	\$ 52,930,000	\$ 53,106,000	\$ 53,164,000
Unassigned Reserves	106,172,452	98,016,788	87,879,048	117,918,489	117,715,525	125,510,619	125,128,055
Total Reserves	\$ 153,311,452	\$ 148,299,788	\$ 138,738,048	\$ 168,718,489	\$ 170,645,525	\$ 178,616,619	\$ 178,292,055

Assigned Reserves by Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Stormwater Fund	Actual	Actual ⁽¹⁾	Budget	Forecast			
Operating	\$ 2,242,000	\$ 2,758,000	\$ 3,119,000	\$ 3,279,000	\$ 3,463,000	\$ 3,639,000	\$ 3,694,000
Capital	23,774,000	23,774,000	23,774,000	23,774,000	23,774,000	23,774,000	23,774,000
Emergency	17,600,000	17,600,000	17,600,000	17,600,000	17,600,000	17,600,000	17,600,000
Vehicle	250,000	34,000	246,000	26,000	26,000	26,000	28,000
Debt Service	3,273,000	6,117,000	6,120,000	6,121,000	8,067,000	8,067,000	8,068,000
Total Assigned Reserves	\$ 47,139,000	\$ 50,283,000	\$ 50,859,000	\$ 50,800,000	\$ 52,930,000	\$ 53,106,000	\$ 53,164,000

⁽¹⁾ Unaudited



North Indio Flood Control Project

STATE WATER PROJECT & WATER REPLENISHMENT FUNDS



STATE WATER PROJECT FUND

What is the State Water Project?

The State Water Project (SWP) is the nation's largest water storage and delivery system, consisting of more than 705 miles of canals, pipelines, reservoirs, and hydroelectric power facilities. The SWP delivers water to 29 urban and agricultural water suppliers in California, which supply 27 million Californians and 750,000 acres of farmland and businesses with water. The original projected yield of State Project Water is approximately 4.2 million acre-feet (maf) per year.

The primary purpose of the SWP is to divert, store, and distribute water to Californians. Other purposes include flood control, power generation, recreation, fish and wildlife enhancement, and water quality improvement in the Sacramento-San Joaquin Delta (Delta). The Delta is an ecologically sensitive region where two of California's largest rivers meet, the Sacramento and San Joaquin Rivers. The Delta is the hub of the state's water distribution system and is one of the few estuaries in the world that is used as a major source of drinking water supply.

State Water Project and CVWD

On March 29, 1963, CVWD entered into a water supply contract with the State of California Department of Water Resources (DWR), becoming one of the original 29 State Water Project Contractors (SWC). Under the terms of the 1963 contract and additional contracts finalized after 1963 (between CVWD, DWR, and other SWC), CVWD secured rights to receive a maximum Table A annual delivery of 138,350 af per year through 2035. In 2022, a contract extension was finalized between CVWD and DWR that extends the duration of the original contract from 1963 an additional 50 years, from 2035 to 2085.

CVWD does not have the infrastructure to deliver State Project Water directly to its service area and instead relies on a "bucket for bucket" exchange agreement between the Metropolitan Water District of Southern California (MWD), CVWD, and Desert Water Agency (DWA) for the water delivery. This agreement allows CVWD and DWA to trade State Project Water with MWD for equal volumes of Colorado River water delivered to the Whitewater River and Mission Creek Groundwater Replenishment facilities through MWD's Colorado River Aqueduct. The exchange water is used to replenish the Whitewater River and Mission Creek groundwater subbasins, reducing overdraft and ensuring a reliable water supply for the Coachella Valley.

Cost of the State Water Project

All 29 State Water Contractors (Contractors) pay: 1. capital charges, 2. fixed minimum operation, maintenance, power, and replacement (OMP&R) charges, and 3. variable OMP&R charges, in proportion to their maximum contractual water supply allocation and their California Aqueduct turnout location. These charges are recovered by DWR on the annual Statement of Charges and cover the cost of constructing, transporting, operating, and maintaining the SWP system. Contractors further away from the Delta, including CVWD and DWA, may pay higher transportation charges than those closer to the Delta.

Capital and OMP&R charges are paid annually, independent of the annual volume of water delivered. Transportation variable OMP&R charges are based on the actual volume of water delivered. Individual Contractors may also incur additional charges associated with water storage or delivery structures unique to their needs. One example is Lake Perris Dam, which is the terminal storage facility for the SWP on the East Branch of the California Aqueduct and only serves MWD, DWA, and CVWD.

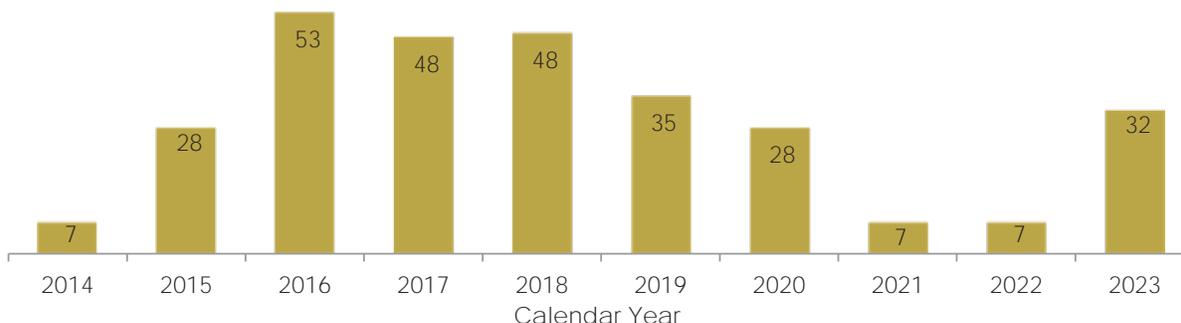
State Water Project Water Availability

Availability of the State Project Water supply is highly variable and based on several factors, including Contractors' projected demands, existing storage in SWP conservation facilities, estimates of future runoff, SWP operational and regulatory requirements from the Federal Endangered Species Act and California Endangered Species Act, and water rights obligations under the State Water Resources Control Board (SWRCB). The maximum contractual volume of water that a contractor may receive annually is listed in Table A, which is an exhibit in the SWP water supply contracts; however, actual water deliveries vary from year to year based upon the factors listed above.

On April 23, 2024, DWR announced a final Table A allocation of 40% for calendar year 2024.

The following chart depicts CVWD's SWP allocation for the last 10 years and annual changes in availability. Although DWR uses a long-term average delivery reliability of approximately 60% of the total entitlement, the Coachella Valley Water Management Plan uses a 50% average delivery reliability to be more conservative in its long-term projections.

State Water Project - CVWD Table A Allocations (TAF)



State Water Project Challenges

The Delta faces numerous challenges to its long-term sustainability and reliability. The Delta pumps are turned off at various times throughout the year to limit salinity intrusion and to protect threatened and endangered species in the Delta, which impact the reliability of SWP supplies. Continued subsidence of Delta islands, many of which are already below sea level, and the potential of catastrophic levee failure also threaten the operations of the project. Climate change may increase the variability in floods and droughts. In addition, changes in sea level also negatively affect efforts to manage salinity levels and preserve water quality in the Delta in order for the water to remain suitable for species habitat and urban and agricultural users. In 2017 and 2019, abundant hydrology highlighted limitations associated with the state's storage and conveyance system. The voters passed the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Proposition 1) to provide opportunities to build new storage reservoirs to augment existing supplies.

Oroville Dam

At a height of 770 feet, Oroville Dam is one of the tallest earthen dams in the U.S. and serves as the first and largest reservoir within the SWP system. Constructed in 1961, it has a maximum capacity of 3.5 maf. Similar to most dams, Oroville Dam was built with spillways to be used to release water to maintain safe reservoir operating conditions. Oroville Dam was constructed with a concrete-lined channel (Gated Spillway) and an unlined earthen path that serves as the Emergency Spillway. The extraordinary precipitation event that occurred during the first two months of 2017 resulted in the use of the Gated Spillway and the Emergency Spillway in order to maintain a safe reservoir level. The volume and intensity of the releases caused significant damage and erosion to both spillways.

In May 2017, DWR and its construction contractors began repairing and rebuilding Oroville Dam's main and emergency spillways. Repairs at Oroville Dam cost DWR a total of \$1.184 billion over the two years following the February 2017 storm that damaged the main and emergency spillways. Of that total, the Federal Emergency Management Agency (FEMA) share is 52% (\$617 million) and the SWP share is 48% (\$567 million).

Delta Conveyance Project

The proposed Delta Conveyance Project (DCP) will help the SWP safely capture, move and store water amidst the rapid swings between wet and dry conditions that have become our new normal as the state's climate changes. The proposed project is a crucial part of the state's Water Resilience Portfolio and protects the state against future water supply losses caused by climate-driven weather extremes, sea level rise and earthquakes.

On December 8, 2023, the California Department of Water Resources (DWR) released the Final Environmental Impact Report (Final EIR) for the DCP to comply with the requirements of CEQA.

On December 21, 2023, DWR approved the DCP and certified the Final EIR. Engineering, Design and Permitting will move forward.

On May 16, 2024, DWR released a Benefit-Cost Analysis for the DCP that finds the infrastructure modernization project would create billions of dollars in benefits for California communities, including reliable water supplies, climate change adaptation, earthquake preparedness and improved water quality.

By the end of calendar year 2024, all DCP participants were requested to approve funding for pre-construction work for 2026 and 2027 in the amount of \$300 million.

CVWD's Board has supported measures to ensure the reliability of delivery of CVWD's state project water. As part of this effort, CVWD's Board approved participation in the twin-tunnel California WaterFix project in 2017, which was revised to the proposed single-tunnel Delta Conveyance Project in 2020. Currently, CVWD's participation in the DCP is 3.78% of total and funding has been approved for pre-construction work through calendar year 2027.

Sites Reservoir Project

The proposed Sites Reservoir Project will be an off-river reservoir that will capture excess water from major storms and store it for drier periods. The purpose of the Sites Project will be to provide reliable water supplies to communities, businesses, and farms during dry years when other water source supplies are low. The Sites Project will be environmentally beneficial, provide flood management and recreational opportunities, and contribute to California's renewable energy goals.

The Sites Project Authority, formed in 2010, initiated the planning for the proposed Sites Project and is currently pursuing numerous processes for environmental compliance and permitting that must be completed prior to the construction and operation of the proposed project. On August 26, 2022, the Sites Authority released the Draft EIR for the Sites Project, and certified the FEIR and approved the project in November 2023.

In recognition of the need to secure additional water supply for the Coachella Valley, in 2017, CVWD's Board approved participation of 10,000 af/yr. Funding has been approved for the planning and design phase through 2024; however, the approved funding will be extended through 2025 at no additional costs to participants.

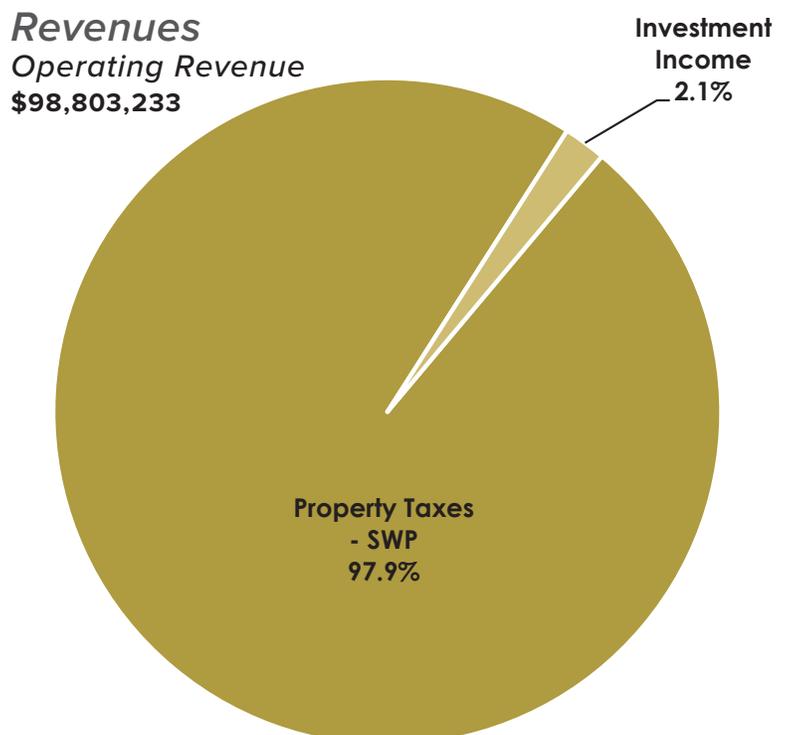
State Water Project	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Property Taxes - SWP	\$ 91,469,810	\$ 101,205,357	\$ 90,254,230	\$ 96,767,070	\$ 6,512,840	7.2%
Charges for Services	182	-	-	-	-	-
Investment Income	614,921	2,040,797	980,505	2,036,163	1,055,658	107.7%
Other Revenue	165	618	-	-	-	-
Total Revenues	\$ 92,085,078	\$ 103,246,772	\$ 91,234,735	\$ 98,803,233	\$ 7,568,498	8.3%
Expenses						
Salaries & Benefits (Net of Capitalized Labor)	\$ 314,664	\$ 607,223	\$ 615,525	\$ 725,752	\$ 110,227	17.9%
Supplies and Services	1,028,239	1,001,792	773,516	337,449	(436,067)	-56.4%
Utilities	-	-	50	-	(50)	-100.0%
Water Purchases	64,556,710	74,161,200	92,623,919	84,796,735	(7,827,184)	-8.5%
Total Expenses	\$ 65,899,613	\$ 75,770,215	\$ 94,013,010	\$ 85,859,936	\$ (8,153,074)	-8.7%
Operating Income (Loss)	\$ 26,185,465	\$ 27,476,557	\$ (2,778,275)	\$ 12,943,297	\$ 15,721,572	-565.9%
Nonoperating Revenues (Expenses)						
Uses						
Other Revenue (Expenses)	\$ 147,506	\$ -	\$ -	\$ -	\$ -	-
Total Nonoperating Revenues (Expenses)	\$ 147,506	\$ -	\$ -	\$ -	\$ -	-
Increase (Decrease) in Cash Flow	\$ 26,332,971	\$ 27,476,557	\$ (2,778,275)	\$ 12,943,297	\$ 15,721,572	-565.9%
Beginning Reserve	\$ 38,517,799	\$ 64,850,770	\$ 64,850,770	\$ 92,327,327	\$ 27,476,557	42.4%
Ending Reserve	\$ 64,850,770	\$ 92,327,327	\$ 62,072,495	\$ 105,270,624	\$ 43,198,129	69.6%
Assigned Reserve	\$ 20,000,000	\$ 92,327,327	\$ 62,072,495	\$ 105,270,624	\$ 43,198,129	69.6%
Unassigned Reserve	\$ 44,850,770	\$ -	\$ -	\$ -	\$ -	-
<i>Days Cash on Hand</i>	<i>359</i>	<i>445</i>	<i>241</i>	<i>448</i>	<i>207</i>	<i>85.7%</i>

⁽¹⁾ Unaudited

SWP tax revenues are budgeted to increase by \$6.5 million due to projected increases in assessed value (AV). SWP taxes are authorized by Water Code section 11652, part of the Burns-Porter Act voters approved in November 1960, and by Article 34(a) of the District’s contract with the Department of Water Resources for SWP supplies.

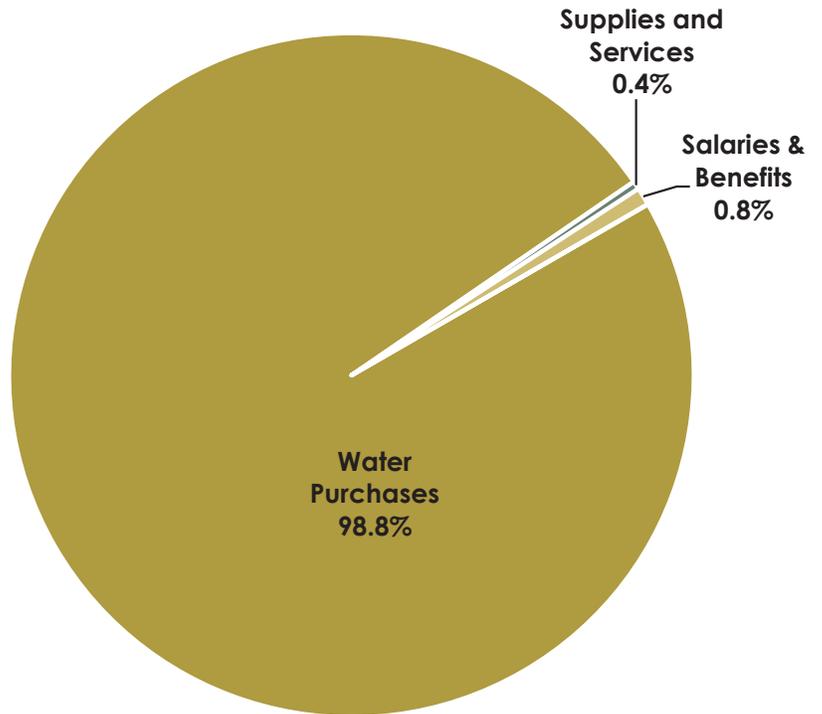
The levy for fiscal year 2025 is \$0.11 per \$100 of AV and is used to pay for State Water Project obligations. As an example, a house valued at \$500,000 would be levied \$550 (\$500,000/100 X \$0.11), or \$45.83 a month. This levy is placed on the property tax roll for all nonexempt parcels within CVWD’s boundaries.

INVESTMENT INCOME is budgeted at \$2.0 million. Investment income is based on the cash balance in the fund and is the rate of return generated by the combined investments of the District.



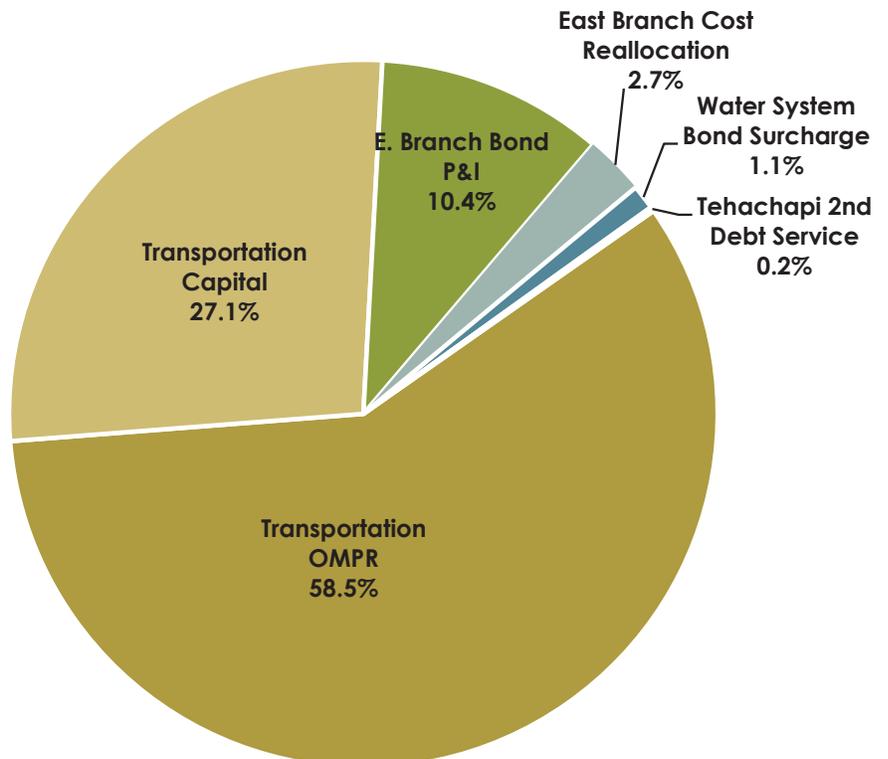
Operating Expenses
\$85,859,936

TOTAL OPERATING EXPENSES are budgeted at \$85.9 million, a decrease of \$8.2 million compared to the fiscal year 2024 budget. The fiscal year 2025 budget assumes the District will receive 41,546 af of calendar year 2023 carryover water and 55,340 af of calendar year 2024 water.



Distribution of SWP Budgeted Fixed Expenses
\$41,153,457

SWP expenses are divided into two main categories: fixed and variable. Fixed expenses include State-held debt service on bonds and fixed operating expenses of the system, which are paid regardless of whether the District receives any water or not. Variable expenses are dependent on the amount of water received by the District, contract amounts based on allocation percentages, and the distance between the release of the water and CVWD’s delivery point. The charts on this page detail SWP costs by type.

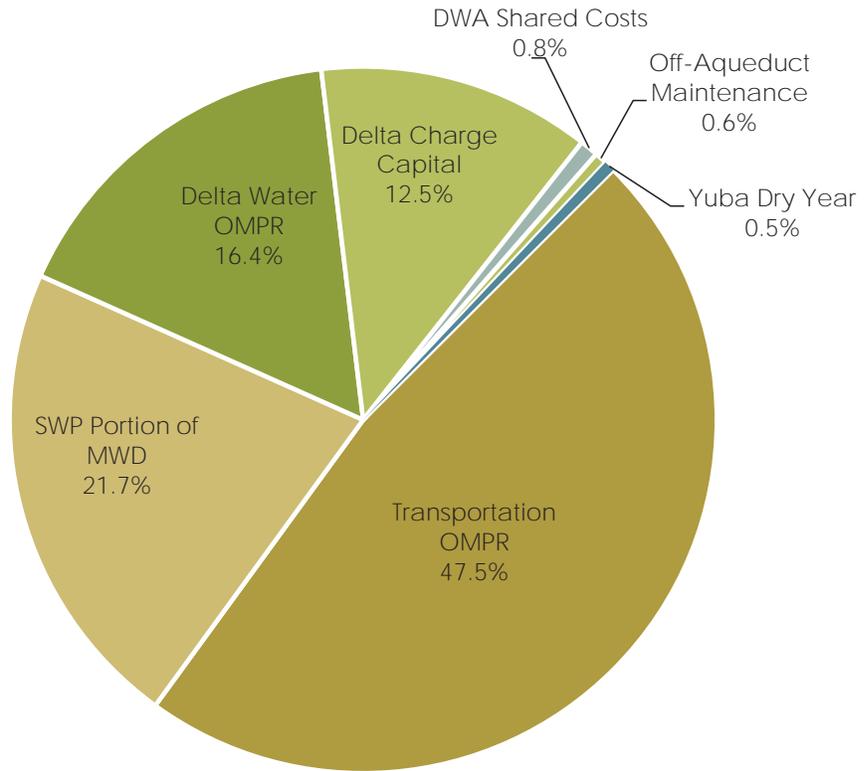


Distribution of SWP Budgeted

Variable Expenses
\$43,643,278

SWP WATER PURCHASE COSTS

total \$84.8 million and represent an 8.5% decrease compared to fiscal year 2024 budgeted expenses and a 5.9% decrease versus fiscal year 2024 unaudited actuals. Based on projected allocations, Table A variable costs are budgeted at \$20.7 million in fiscal year 2025.



Five-Year Forecast

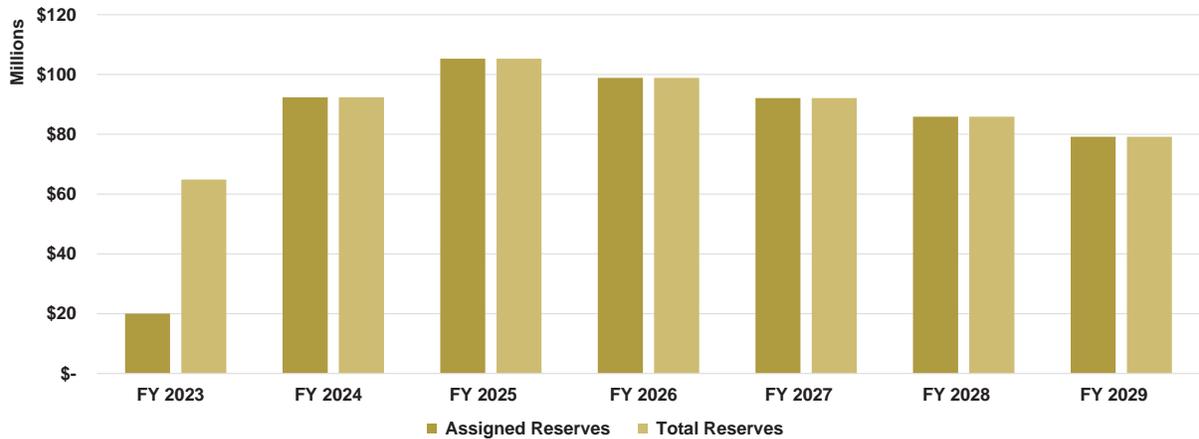
The five-year forecast includes projected increases in assessed value of approximately 3% per year and no increase to the current \$0.11 per \$100 of AV tax rate, with potential reductions in the tax rate beyond fiscal year 2025 based on when expenses from future projects occur. Table A water allocations are budgeted at 50% in future forecast years. Water costs are highly variable due to changes in hydrology and are reviewed each year during the budget process. Large projects, including the Delta Conveyance Project, Sites Reservoir Project, and Perris Dam Seepage Recovery Project, will require evaluation when cost estimates become clearer in future years.

Due to the variable nature of expenses in this fund, the Board adopted changes to the SWP reserve policy in June 2023, which are reflected in the five-year forecast. Assigned reserves include an operating reserve targeted at 6 months of operating expenses, as tax revenue is primarily received in January and May, and cash flow timing requires an above-average reserve to ensure contractual obligations are met, as well as rate stabilization and water purchase reserves. The SWP tax rate will be reviewed each year to determine if adjustments are needed based on anticipated expenditures.

STATE WATER PROJECT

State Water Project Five-Year Forecast	FY 2025 Budget	FY 2026	FY 2027	FY 2028	FY 2029
	Forecast				
Revenues					
Property Taxes - SWP	\$ 96,767,070	\$ 77,017,791	\$ 79,328,325	\$ 86,514,538	\$ 89,109,974
Investment Income	2,036,163	4,000,284	3,758,463	3,499,409	3,262,641
Total Revenues	\$ 98,803,233	\$ 81,018,075	\$ 83,086,788	\$ 90,013,947	\$ 92,372,615
Expenses					
Salaries & Benefits (Net of Capitalized Labor)	\$ 725,752	\$ 758,409	\$ 792,534	\$ 828,198	\$ 860,499
Supplies and Services	337,449	345,205	352,915	360,552	368,356
Water Purchases	84,796,735	86,278,172	88,758,549	95,055,920	97,845,609
Total Expenses	\$ 85,859,936	\$ 87,381,786	\$ 89,903,998	\$ 96,244,670	\$ 99,074,464
Operating Income (Loss)	\$ 12,943,297	\$ (6,363,711)	\$ (6,817,210)	\$ (6,230,723)	\$ (6,701,849)
Nonoperating Revenues (Expenses)	\$ -				
Increase (Decrease) in Cash Flow	\$ 12,943,297	\$ (6,363,711)	\$ (6,817,210)	\$ (6,230,723)	\$ (6,701,849)
Beginning Reserve	\$ 92,327,327	\$ 105,270,624	\$ 98,906,913	\$ 92,089,703	\$ 85,858,980
Ending Reserve	\$ 105,270,624	\$ 98,906,913	\$ 92,089,703	\$ 85,858,980	\$ 79,157,131
Assigned Reserve	\$ 105,270,624	\$ 98,906,913	\$ 92,089,703	\$ 85,858,980	\$ 79,157,131
Unassigned Reserve	\$ -				
<i>Days Cash on Hand</i>	<i>448</i>	<i>413</i>	<i>374</i>	<i>326</i>	<i>292</i>

District Reserves - State Water Project



Reserve Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
State Water Project	Actual	Actual ⁽¹⁾	Budget	Forecast			
Assigned Reserves	\$ 20,000,000	\$ 92,327,327	\$ 105,270,624	\$ 98,906,913	\$ 92,089,703	\$ 85,858,980	\$ 79,157,131
Unassigned Reserves	44,850,770	-	-	-	-	-	-
Total Reserves	\$ 64,850,770	\$ 92,327,327	\$ 105,270,624	\$ 98,906,913	\$ 92,089,703	\$ 85,858,980	\$ 79,157,131

Assigned Reserves by Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
State Water Project	Actual	Actual ⁽¹⁾	Budget	Forecast			
Operating	\$ -	\$ 47,007,000	\$ 42,930,000	\$ 43,691,000	\$ 44,952,000	\$ 48,122,000	\$ 49,537,000
Rate Stabilization	-	-	9,677,000	7,702,000	7,933,000	8,651,000	8,911,000
State Water Project (SWP)	20,000,000	45,320,327	52,663,624	47,513,913	39,204,703	29,085,980	20,709,131
Total Assigned Reserves	\$ 20,000,000	\$ 92,327,327	\$ 105,270,624	\$ 98,906,913	\$ 92,089,703	\$ 85,858,980	\$ 79,157,131

⁽¹⁾ Unaudited

WATER REPLENISHMENT FUNDS

Background

Decline in the Valley's water table was first noted in the 1910s when local residents and farmers became concerned when their artesian wells began drying up. When CVWD was formed in 1918, its first actions included obtaining water rights and building facilities near Windy Point to capture natural runoff from nearby mountains to help replenish the aquifer and to seek a supplemental water supply for the Coachella Valley. The Valley's high mountains provide a barrier, or rain shadow, against coastal storms. This effect renders the area a desert, averaging less than four inches of rain per year. This rainfall, along with snowmelt from surrounding mountains, is not enough to replenish what is pumped from the groundwater basin to meet the water demands of the Valley.

There are numerous "producers," including CVWD, that extract groundwater by pumping well water. Producers include well owners or operators that pump water from the aquifer, such as water agencies, golf courses, farmers, landowners, and other entities that operate wells. Producers who extract greater than 25 acre-feet (af) in a 12-month period within the groundwater replenishment areas of benefit (AOB) are subject to groundwater replenishment assessment charges (RACs). The State Water Code allows CVWD and Desert Water Agency (DWA) to levy and collect RACs in the Coachella Valley. RACs were levied by CVWD for the first time in fiscal year 1981 on groundwater producers in the West Whitewater River Subbasin AOB. Beginning in 2004, RACs were levied in the Mission Creek Subbasin AOB, and in 2005, RACs were levied in the East Whitewater River Subbasin AOB.

The replenishment activities of these subbasins are accounted for in three separate enterprise funds. The RACs cover a portion of the costs of importing supplemental water for replenishment, operation and maintenance of the replenishment basins, and various administrative costs, such as billing, meter reading, report preparation, and the costs for programs that provide incentives to use nonpotable water sources in place of groundwater.

Overdraft

To alleviate groundwater overdraft, CVWD and DWA import water to replenish the western portion of the Whitewater River Subbasin and the Mission Creek Subbasin. In addition, CVWD uses imported water to replenish the eastern portion of the Whitewater River Subbasin. These replenishment programs are key elements of the Coachella Valley Water Management Plan, which includes water conservation, additional imported water acquisition, water reclamation, and source substitution. The Coachella Valley Water Management Plan was approved in 2019 by the California Department of Water Resources as a functionally equivalent Groundwater Sustainability Plan for the Indio Subbasin to comply with the Sustainable Groundwater Management Act (SGMA). Average groundwater levels have increased in the last 10 years in the West Whitewater and East Whitewater areas of benefit.

Groundwater Replenishment

Soon after its formation in 1918, CVWD constructed facilities in the Whitewater River channel near Windy Point to help replenish the Whitewater River (Indio) Subbasin with water naturally flowing from the Whitewater River Canyon. In 1973, CVWD and DWA installed new groundwater replenishment facilities and began replenishing groundwater within this subbasin with imported water from the State Water Project (SWP). CVWD and DWA began replenishing groundwater in the adjacent Mission Creek Subbasin with this same imported water supply in 2002. Because the Coachella Valley does not have a direct connection to the SWP, CVWD, and DWA entered into agreements with the Metropolitan Water District (MWD) of Southern California to exchange water from MWD's Colorado River Aqueduct and receive advanced deliveries of this imported water supply.

In 2009, after 12 years of successful pilot tests, CVWD began operating the Thomas E. Levy (TEL) facility using Colorado River water from the Coachella Canal to replenish groundwater in the eastern portion of the Whitewater River Subbasin. In early 2019, CVWD started operating Phase 1 of the Palm Desert Groundwater Replenishment Facility (GRF) to replenish groundwater in the mid-valley area of the Whitewater River Subbasin, also using Colorado River water from the Coachella Canal.

Colorado River Water

CVWD was created to fulfill the need to supplement natural water replenishment with imported water, which would require a massive waterway that did not exist at the time. The 1928 Boulder Canyon Project Act authorized construction of Hoover Dam, Imperial Dam, the All-American Canal, and its 123-mile Coachella Branch (Coachella Canal), which would later become the lifeline from the Colorado River to Imperial and Coachella Valleys.

Construction of the Coachella Canal was completed in 1948, and now it conveys approximately 330,000 af per year primarily to serve farms. This enabled the agricultural industry to reduce groundwater pumping and help preserve the Coachella Valley groundwater basin.

In 2003, the Quantification Settlement Agreement (QSA) and Related Agreements were signed, which settled certain disputes among the U.S., California, MWD, Imperial Irrigation District, CVWD, and San Diego County Water Authority over Colorado River rights. The QSA and Related Agreements enabled its parties to implement major Colorado River water conservation and transfer programs, stabilizing water supplies for up to 75 years (up to a maximum gross total of 488,000 af per year in 2026) for CVWD. Additional information regarding Colorado River water and the QSA is located in the Canal Water Fund section.



Colorado River water at the Whitewater Replenishment Facility

WEST WHITEWATER REPLENISHMENT FUND

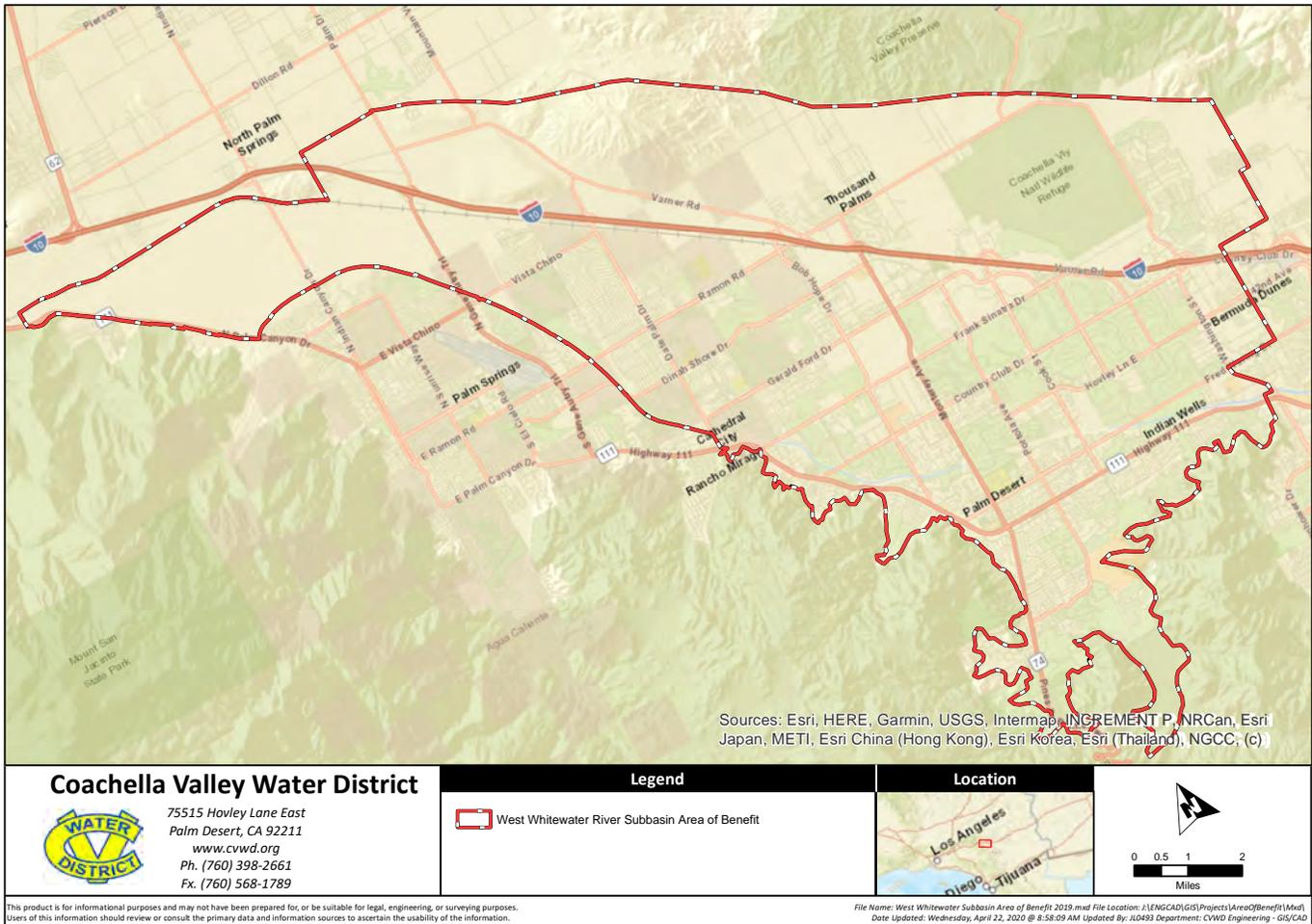
Background

In 1973, CVWD and DWA began using the SWP entitlement to replenish the western Coachella Valley’s aquifer at the Whitewater spreading area northwest of Palm Springs. This replenishment area is referred to as the West Whitewater River Subbasin Area of Benefit (AOB), and its activities are accounted for in the West Whitewater Replenishment Fund (West Whitewater).

The West Whitewater River Subbasin AOB is replenished using imported water from the SWP, water purchased from MWD, Rosedale-Rio Bravo Water Storage District, other available purchase opportunities, and natural runoff. Other water purchases include the Metropolitan Water District QSA 35,000 Acre-foot Transfer. Beginning in early 2019, Colorado River water pumped from the Coachella Canal to the Palm Desert Groundwater Replenishment Facility through the Mid-Valley pipeline is also used to replenish the West Whitewater River Subbasin AOB.

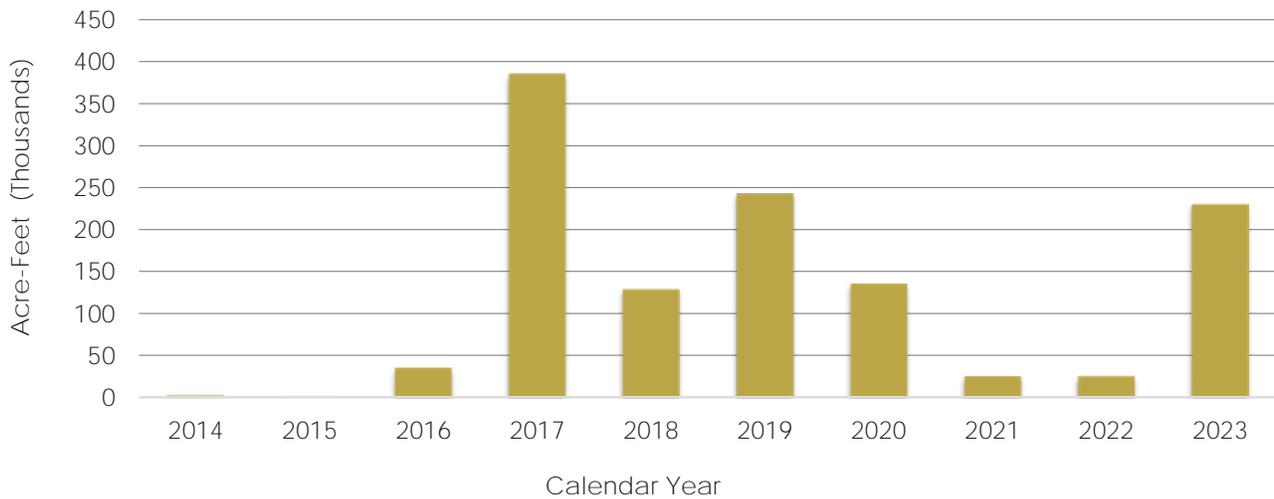
The following map shows the West Whitewater AOB, along with CVWD Boundaries.

Groundwater Replenishment Assessment Charge
West Whitewater River Subbasin Area of Benefit

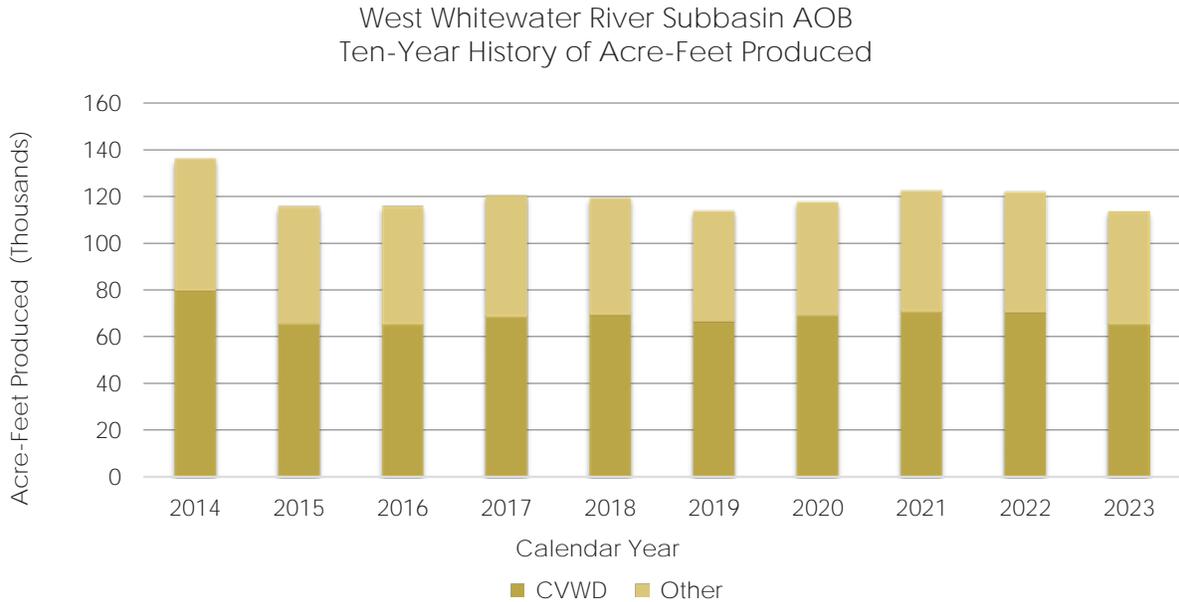


The chart below details the amount of water CVWD and DWA have replenished over the last ten calendar years. It also shows the variability of the supply of SWP water. To date, CVWD, DWA, and MWD have replenished approximately 4.1 maf of water in the West Whitewater River Subbasin AOB. The amount of water replenished varies from year to year. This is due in part to the 1984 Advance Delivery Agreement between CVWD, DWA, and MWD, whereby the District allows MWD to pre-deliver up to 800,000 af of water in the Whitewater River Subbasin. MWD pre-delivered, or delivered in advance, a total of over 300,000 af of water from 2010 through 2012. In 2017 and 2018, MWD pre-delivered an additional 285,000 af and 90,083 af of water, respectively, which is reflected in the chart below. In years where an advanced delivery balance exists, MWD may deliver less than CVWD's and DWA's SWP allocations to the Coachella Valley and instead draw down the advance delivery account. This agreement provides flexibility by allowing MWD to store Colorado River water in the Whitewater River Subbasin in wet years and draw on that storage in dry years. During critically dry years, this agreement also allows water to be pre-delivered into MWD's service area under specified repayment conditions. At the end of calendar year 2023, MWD's balance in its advance delivery storage account was 302,495 af.

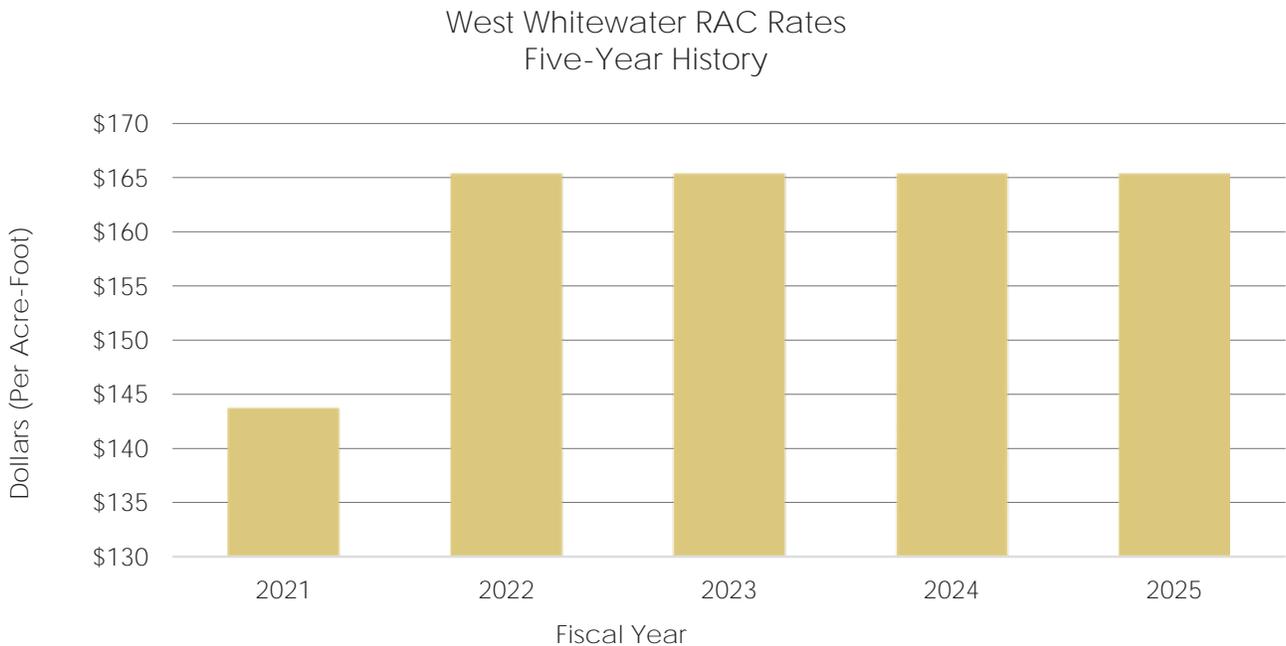
West Whitewater River Subbasin AOB
Ten-Year History of Acre-Feet Replenished



There were 73 producers subject to the RAC in the West Whitewater River Subbasin AOB that pumped 113,573 af of water from the aquifer in calendar year 2023, a decrease of 8,487 af from 2022. Of the total af produced in 2023, CVWD’s wells produced 65,563 af for use as domestic water compared to 70,550 af in 2022, a decrease of 4,987 af. The chart below shows the amount of water produced in the subbasin over the last ten calendar years.



The chart below shows the five-year history of replenishment rates for the West Whitewater Replenishment Fund. As part of the 2021 Cost of Service Study (COSS), the Board approved a 15% rate increase for fiscal year 2022. For fiscal year 2025, the Board elected to hold the rate at \$165.37 per af with no increase.



NONPOTABLE WATER

CVWD initially started providing nonpotable water in 1968 with the acquisition of Water Reclamation Plant 9 (WRP 9). The facility was previously known as Palm Desert Country Club's wastewater treatment and recycling facility. WRP 9 provided Palm Desert Country Club with recycled water for golf course irrigation. Since that time, the District has continued to expand the use of recycled water.

In 1987, CVWD expanded operations with delivery of nonpotable water to Santa Rosa, Palm Desert Greens, and Portola Country Clubs from WRP 10. In 1997, the District began delivering nonpotable water to Sun City from WRP 7.

Previously, nonpotable water was strictly reclaimed wastewater (recycled water). Currently, nonpotable water includes not only recycled water but also Colorado River water (canal water) via the Mid-Valley Pipeline (MVP) or a blend of recycled water and canal water.

Canal water is a critical component of nonpotable water since there is not sufficient recycled water available to irrigate all of the valley's golf courses on a year-round basis. Most of the Valley's recycled water is produced in the winter, during high season. But golf course water demand is highest during the summer when the Valley's population is at its lowest, temperatures are at their highest, and recycled water supplies are reduced. Thus, canal water is necessary to make up the difference.

In 2009, the District completed the first phase of the Mid-Valley Pipeline. The 54-inch, 6.8-mile-long pipeline is buried more than 20 feet below the Coachella Valley Stormwater Channel and delivers Colorado River water to customers and WRP 10, where it can be used both for groundwater replenishment and golf course irrigation. Initially, the MVP provided a reliable supply of nonpotable water year-round to 13 customers already using recycled water for at least some of their irrigation.

Customers whose properties are adjacent to the MVP are able to connect directly and receive strictly Colorado River water. The balance of the Colorado River water delivered by the MVP to WRP 10 is received into a 65-acre-foot storage reservoir and is capable of being pumped into a 45-acre-foot (af) blending reservoir, where it can be mixed with recycled water. This water is subsequently delivered to nonpotable customers for irrigation purposes.

In fiscal year 2020, water sales and related expenses incurred in delivering and promoting the use of recycled water and Colorado River water delivered by the MVP were incorporated into the West Whitewater fund. The change reflects the benefit to customers served by that fund of the availability of these additional nonpotable supplies for uses such as golf courses and large landscape irrigation.

WATER REPLENISHMENT FUNDS

West Whitewater Replenishment	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Water Sales	\$ 3,333,834	\$ 3,237,975	\$ 4,767,200	\$ 4,954,149	\$ 186,949	3.9%
Replenishment Charges	18,927,604	19,029,723	19,844,400	19,875,820	31,420	0.2%
Property Taxes - General	2,164,781	2,598,360	2,451,574	3,310,629	859,055	35.0%
Charges for Services	15,576	41,442	5,000	5,150	150	3.0%
Intergovernmental	381,590	815,490	505,862	530,172	24,310	4.8%
Investment Income	676,901	1,094,141	738,010	184,706	(553,304)	-75.0%
Other Revenue	110,428	260	-	31,995	31,995	-
Total Revenues	\$ 25,610,714	\$ 26,817,391	\$ 28,312,046	\$ 28,892,621	\$ 580,575	2.1%
Expenses						
Salaries & Benefits (Net of Capitalized Labor)	\$ 3,525,621	\$ 3,783,483	\$ 4,370,029	\$ 4,277,248	\$ (92,781)	-2.1%
Supplies and Services	4,441,163	4,019,177	3,922,383	3,463,312	(459,071)	-11.7%
Utilities	897,165	1,137,483	806,712	813,702	6,990	0.9%
Water Purchases	12,077,362	17,126,277	18,907,359	12,855,790	(6,051,569)	-32.0%
QSA Mitigation Costs	1,494,745	1,915,274	1,915,893	-	(1,915,893)	-100.0%
Capital Outlay	-	11,647	14,100	47,140	33,040	234.3%
Total Expenses	\$ 22,436,056	\$ 27,993,340	\$ 29,936,476	\$ 21,457,192	\$ (8,479,284)	-28.3%
Operating Income (Loss)	\$ 3,174,658	\$ (1,175,949)	\$ (1,624,430)	\$ 7,435,429	\$ 9,059,859	-557.7%
Nonoperating Revenues (Expenses)						
Interfund Transfers						
Debt Service - Interfund	\$ (3,500,000)	\$ (3,945,387)	\$ (3,945,387)	\$ (3,945,387)	\$ -	-
Sources						
Capital Improvement Reimbursements	5,288	-	-	-	-	-
Use of Restricted Funds	73,739	278,094	530,000	7,050,201	6,520,201	1230.2%
Uses						
Capital Improvement Projects	(95,796)	(278,094)	(530,000)	(7,050,201)	(6,520,201)	1230.2%
General District Capital	(219,654)	(49,043)	(49,330)	(478,250)	(428,920)	869.5%
Motorpool Capital	(33,845)	(29,190)	(40,383)	(56,332)	(15,949)	39.5%
Legal Claim Contingency Accrual ⁽²⁾	-	(22,471,140)	-	-	-	-
Other Revenue (Expenses) ⁽³⁾	(77,544)	2,655,275	-	-	-	-
Total Nonoperating Revenues (Expenses)	\$ (3,847,812)	\$ (23,839,484)	\$ (4,035,100)	\$ (4,479,969)	\$ (444,869)	11.0%
Increase (Decrease) in Cash Flow	\$ (673,155)	\$ (25,015,433)	\$ (5,659,530)	\$ 2,955,460	\$ 8,614,990	-152.2%
Beginning Reserve	\$ 36,147,613	\$ 35,474,458	\$ 35,474,458	\$ 10,459,025	\$ (25,015,433)	-70.5%
Ending Reserve	\$ 35,474,458	\$ 10,459,025	\$ 29,814,928	\$ 13,414,485	\$ (16,400,443)	-55.0%
Assigned Reserve	\$ 9,590,000	\$ 11,995,000	\$ 11,995,000	\$ 8,259,000	\$ (3,736,000)	-31.1%
Unassigned Reserve	\$ 25,884,458	\$ (1,535,975)	\$ 17,819,928	\$ 5,155,485	\$ (12,664,443)	-71.1%
<i>Days Cash on Hand</i>	<i>577</i>	<i>136</i>	<i>364</i>	<i>228</i>	<i>(135)</i>	<i>-37.2%</i>

⁽¹⁾ Unaudited

⁽²⁾ Per Generally Accepted Accounting Principles (GAAP), the Legal Claim Contingency Accrual is a set aside of funding for potential future legal claims, and does not currently reflect an actual FY 2024 expenditure.

⁽³⁾ Other Non-Operating Revenue includes a prior period adjustment related to nonpotable reserves from the Sanitation fund.

Budget Summary

Total revenues are budgeted to increase by \$581,000, or 2.1%, compared to fiscal year 2024, as Domestic consumption has remained flat, which impacted CVWD Domestic well production within the West Whitewater AOB. Nonpotable water sales are expected to increase as additional customers are connected.

Total operating expenses are decreasing by \$8.4 million, or 28.3%. The largest decrease is for water purchases, as 9,500 af of Rosedale Rio-Bravo water will not be available in fiscal year 2025. The commodity portion of the cost is budgeted in the West Whitewater Replenishment fund, and the transportation portion is budgeted in the State Water

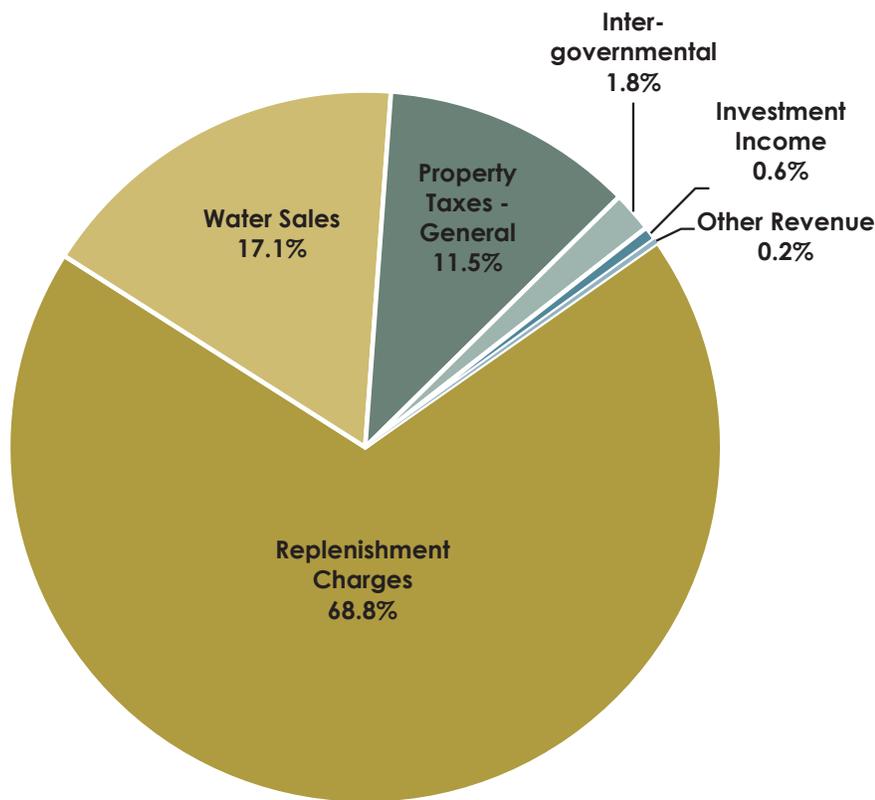
Project fund. QSA Mitigation costs ended in fiscal year 2024.

Nonoperating expenses include capital improvements totaling \$7.5 million to continue work on the Palm Desert Replenishment Facility, \$3.9 million in debt service for an internal loan to the Domestic fund for the mid-valley pipeline project, and a \$56,000 transfer to the Motorpool fund for its share of equipment purchases.

Fiscal Year 2024 includes \$22.5 million for a legal claim contingency accrual related to an ongoing rate case. While this amount has not been expensed from a budgetary basis, it will be included in the audited financial statements for fiscal year 2024 and is presented here to demonstrate the potential impact to ending reserves. The District is appealing the adverse trial court decision and believes the basis of its appeal is well-founded.

Ending reserves for fiscal year 2025 are budgeted at \$13.4 million.

Operating Revenues \$28,892,621



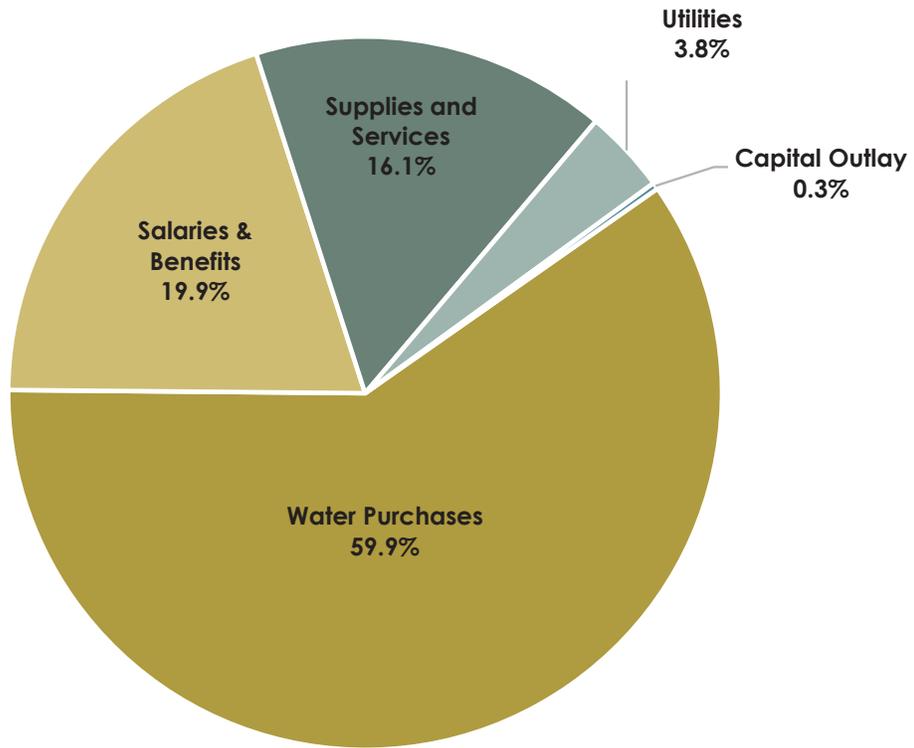
REPLENISHMENT CHARGES 68.8% of revenue. Replenishment charge revenues are budgeted based on the amount of water expected to be pumped from the aquifer (well production) multiplied by the RAC rate.

WATER SALES comprise 17.1% of total revenue. Water sales are revenues generated from the sale of reclaimed wastewater (recycled) and Colorado River water (canal water) via the Mid-Valley Pipeline or a blend of recycled water and canal water.

PROPERTY TAXES - GENERAL revenues make up 11.5% of revenues. These property taxes are part of the District's general tax revenue and may be allocated as determined by the Board of Directors.

INVESTMENT INCOME is budgeted at \$185,000. Investment income is based on the cash balance in the fund and is generated at the return of investment rate of the combined investments of the District.

Operating Expenses
\$21,457,192



WATER PURCHASES are budgeted at \$12.9 million, compared to \$18.9 million budgeted in fiscal year 2024. Fiscal year 2024 included 9,500 af of Rosedale Rio-Bravo water, with the West Replenishment fund paying the commodity portion of the purchase cost. No Rosedale water is expected for fiscal year 2025.

SALARIES & BENEFITS total \$4.3 million, a decrease of \$93,000 compared to fiscal year 2024.

SUPPLIES & SERVICES are budgeted at \$3.5 million, a decrease of \$459,000. The decrease is based on an estimated decrease in the need for professional services.

UTILITY COSTS costs are budgeted at \$814,000.

Five-Year Forecast

The District completed a comprehensive COSS for the West Replenishment fund in fiscal year 2021 and established maximum Proposition 218 rate increases for fiscal years 2022 through 2026. The Board has the ability to adopt rates up to the maximum rate each year as part of the budget process. Based on fiscal year 2024 performance and projected ending reserves, the Board elected to adopt no increase for fiscal year 2025.

The five-year forecast includes rate assumptions based on anticipated expenditures and reflects the balance of ensuring positive operating income for the long term and drawing down unassigned reserves over time to the assigned reserve target. Projected rates are based on current assumptions and will be revised during the next budget process. The following table compares the projected forecast rates to the Proposition 218 maximum rates.

Forecast Rate Comparison West Replenishment (Per AF)	FY 2025 Rate	FY 2026 Rate	FY 2027 ⁽¹⁾ Rate	FY 2028 ⁽¹⁾ Rate	FY 2029 ⁽¹⁾ Rate
<u>Proposition 218 Maximum Rates</u>					
West Replenishment Rate	\$ 285.76	\$ 342.91	\$ 342.91	\$ 342.91	\$ 342.91
Year-Over-Year % Change	44.0%	20.0%	0.0%	0.0%	0.0%
<u>Forecast Projected Rates</u>					
West Replenishment Rate	\$ 165.37	\$ 181.91	\$ 201.92	\$ 212.01	\$ 218.37
Year-Over-Year % Change	0.0%	10.0%	11.0%	5.0%	3.0%

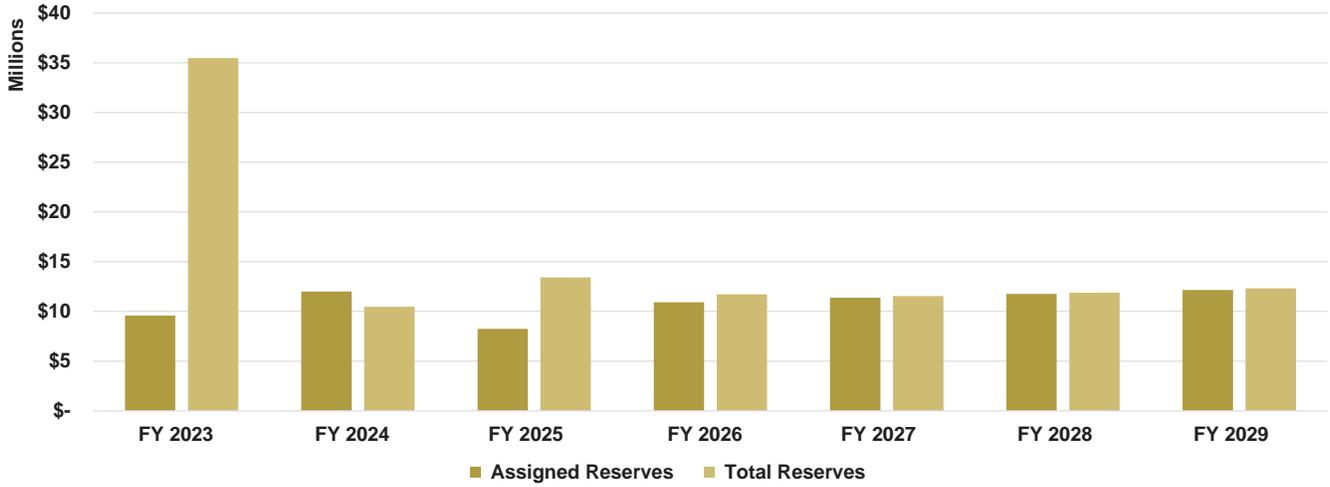
⁽¹⁾ Proposition 218 Rates are adopted through FY 2026.

Nonpotable water sales are expected to grow throughout the forecast period as additional customers are connected, and property tax revenue is expected to increase by approximately 3% per year. Operating expenses show a significant decrease beginning in fiscal year 2025, as Rosedale Rio Bravo water is not expected to be available. Salaries and benefits increase at an average rate of 5.2% due to expected cost of living and merit increases. Debt service payments for the internal loan from the Domestic Water fund for the Mid-Valley Pipeline project will average \$3.9 million per year throughout the forecast period.

WATER REPLENISHMENT FUNDS

West Whitewater Replenishment Five-Year Forecast	FY 2025 Budget	FY 2026	FY 2027	FY 2028	FY 2029
		Forecast			
Revenues					
Water Sales	\$ 4,954,149	\$ 5,427,147	\$ 5,995,378	\$ 6,344,666	\$ 6,612,044
Replenishment Charges	19,875,820	21,771,539	24,064,441	25,160,596	25,805,136
Property Taxes - General	3,310,629	3,409,948	3,512,246	3,617,613	3,726,141
Charges for Services	5,150	5,305	5,464	5,628	5,797
Intergovernmental	530,172	530,172	530,172	530,172	530,172
Investment Income	184,706	509,750	445,433	438,522	451,592
Other Revenue	31,995	31,995	31,995	31,995	31,995
Total Revenues	\$ 28,892,621	\$ 31,685,856	\$ 34,585,129	\$ 36,129,192	\$ 37,162,877
Expenses					
Salaries & Benefits (Net of Capitalized Labor)	\$ 4,277,248	\$ 4,468,485	\$ 4,887,635	\$ 5,107,583	\$ 5,306,776
Supplies and Services	3,463,312	3,597,815	3,715,731	3,815,242	3,917,494
Utilities	813,702	878,798	949,099	1,025,028	1,107,030
Water Purchases	12,855,790	20,026,663	20,723,940	21,433,172	22,154,831
Capital Outlay	47,140	49,497	51,973	54,571	57,299
Total Expenses	\$ 21,457,192	\$ 29,021,258	\$ 30,328,378	\$ 31,435,596	\$ 32,543,430
Operating Income (Loss)	\$ 7,435,429	\$ 2,664,598	\$ 4,256,751	\$ 4,693,596	\$ 4,619,447
Nonoperating Revenues (Expenses)					
Interfund Transfers					
Debt Service - Interfund	\$ (3,945,387)	\$ (3,945,387)	\$ (3,945,387)	\$ (3,945,387)	\$ (3,945,387)
Sources					
Use of Restricted Funds	7,050,201	6,955,870	-	-	-
Uses					
Capital Improvement Projects	(7,050,201)	(6,955,870)	-	-	-
General District Capital	(478,250)	(333,500)	(416,750)	(327,500)	(149,000)
Motorpool Capital	(56,332)	(78,270)	(76,500)	(76,740)	(83,610)
Total Nonoperating Revenues (Expenses)	\$ (4,479,969)	\$ (4,357,157)	\$ (4,438,637)	\$ (4,349,627)	\$ (4,177,997)
Increase (Decrease) in Cash Flow	\$ 2,955,460	\$ (1,692,559)	\$ (181,886)	\$ 343,969	\$ 441,450
Beginning Reserve	\$ 10,459,025	\$ 13,414,485	\$ 11,721,926	\$ 11,540,040	\$ 11,884,009
Ending Reserve	\$ 13,414,485	\$ 11,721,926	\$ 11,540,040	\$ 11,884,009	\$ 12,325,459
Assigned Reserve	\$ 8,259,000	\$ 10,927,000	\$ 11,383,000	\$ 11,769,000	\$ 12,164,000
Unassigned Reserve	\$ 5,155,485	\$ 794,926	\$ 157,040	\$ 115,009	\$ 161,459
<i>Days Cash on Hand</i>	<i>228</i>	<i>147</i>	<i>139</i>	<i>138</i>	<i>138</i>

District Reserves - West Whitewater Replenishment



Reserve Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
West Whitewater	Actual	Actual ⁽¹⁾	Budget	Forecast			
Assigned Reserves	\$ 9,590,000	\$ 11,995,000	\$ 8,259,000	\$ 10,927,000	\$ 11,383,000	\$ 11,769,000	\$ 12,164,000
Unassigned Reserves	25,884,458	(1,535,975)	5,155,485	794,926	157,040	115,009	161,459
Total Reserves	\$ 35,474,458	\$ 10,459,025	\$ 13,414,485	\$ 11,721,926	\$ 11,540,040	\$ 11,884,009	\$ 12,325,459

Assigned Reserves by Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
West Whitewater	Actual	Actual ⁽¹⁾	Budget	Forecast			
Operating	\$ 5,762,000	\$ 7,465,000	\$ 5,353,000	\$ 7,243,000	\$ 7,569,000	\$ 7,845,000	\$ 8,122,000
Rate Stabilization	2,305,000	2,986,000	2,141,000	2,897,000	3,028,000	3,138,000	3,249,000
Capital	885,000	885,000	104,000	104,000	104,000	104,000	104,000
Emergency	619,000	619,000	605,000	605,000	605,000	605,000	605,000
Vehicle	19,000	40,000	56,000	78,000	77,000	77,000	84,000
Total Assigned Reserves	\$ 9,590,000	\$ 11,995,000	\$ 8,259,000	\$ 10,927,000	\$ 11,383,000	\$ 11,769,000	\$ 12,164,000

⁽¹⁾ Unaudited

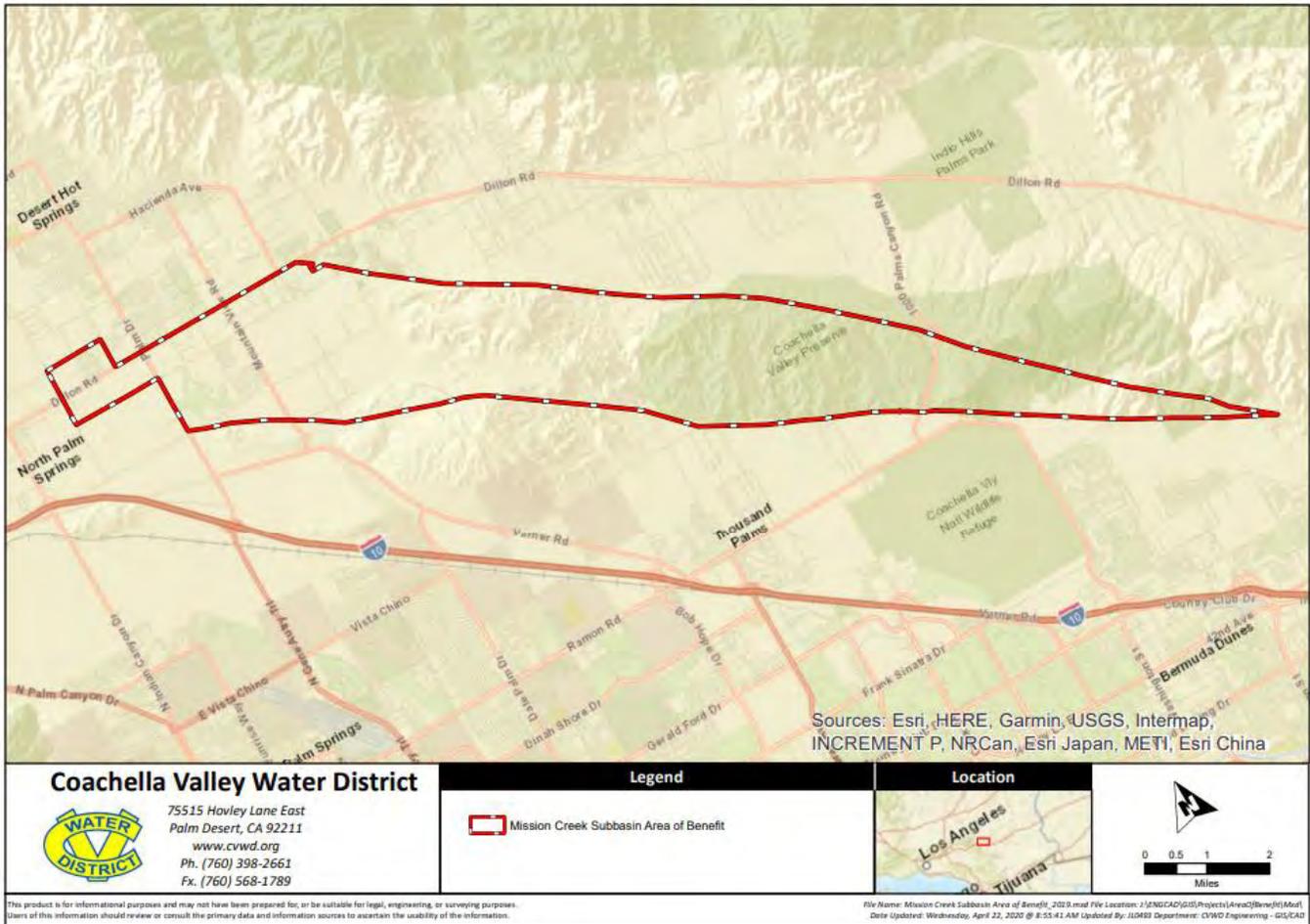
MISSION CREEK REPLENISHMENT FUND

Background

The Mission Creek Subbasin Area of Benefit (AOB) is bound on the south by the Banning fault and on the north and east by the Mission Creek fault, as depicted in the map below. This subbasin relies on the same imported SWP exchange water source as the West Whitewater River Subbasin AOB. CVWD and DWA began constructing facilities to replenish the Mission Creek subbasin in 2001 and completed them in 2002. In 2003, recognizing that management of the Mission Creek Subbasin extended across agency boundaries, CVWD and DWA entered into the Mission Creek Groundwater Replenishment Agreement. This agreement recognizes the need to operate the subbasin as a complete unit rather than as individual segments delineated by agency boundaries.

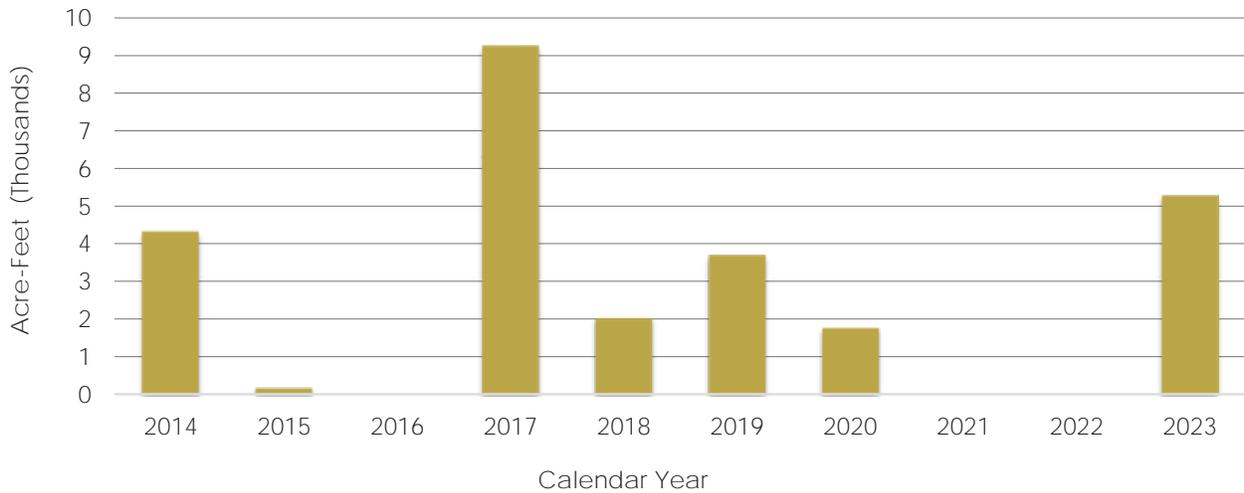
The following map shows the Mission Creek Area of Benefit and CVWD boundaries.

Mission Creek Subbasin Area of Benefit



To date, CVWD and DWA have replenished 172,319 af in the Mission Creek Subbasin AOB. The chart below shows the annual volume replenished at the Mission Creek Replenishment facility over the last ten calendar years. The amount of water replenished varies each year due in part to the 1984 Advance Delivery Agreement between CVWD, DWA, and MWD, whereby MWD is allowed to pre-deliver water in the Mission Creek Subbasin. There were no water deliveries to the Mission Creek Replenishment facility in calendar years 2021 and 2022, with 5,275 delivered in calendar year 2023.

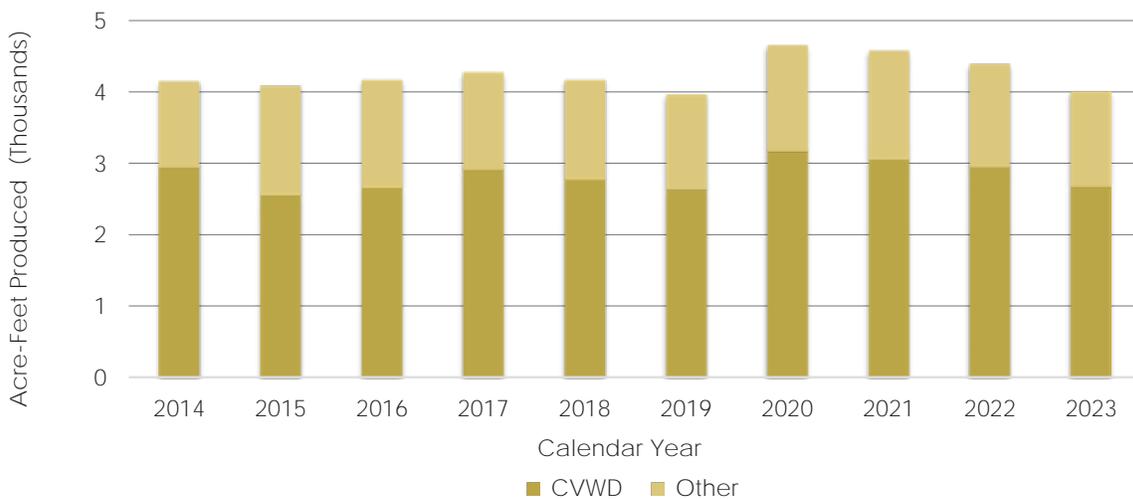
Mission Creek Subbasin AOB
Ten-Year History of Acre-Feet Replenished



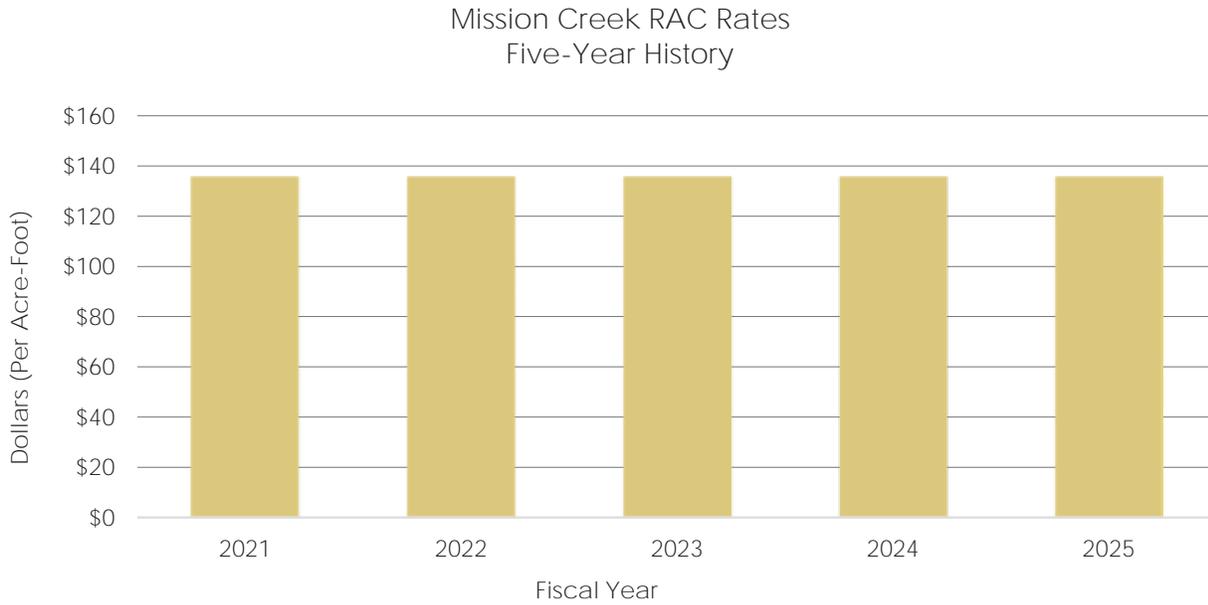
In calendar year 2023, there were 4 producers subject to the RAC in CVWD’s Mission Creek Subbasin AOB that pumped 4,011 af of water. Of the total production, 2,687 af were produced by CVWD wells for use as domestic water.

Annual production for the Mission Creek Subbasin AOB is depicted in the chart below.

Mission Creek Subbasin AOB
Ten-Year History of Acre-Feet Produced



The chart below shows the five-year history of replenishment rates for the Mission Creek Replenishment Fund. The COSS completed in fiscal year 2021 recommended no new rates for fiscal years 2022 through 2026. The rate has remained at \$135.52 per af since fiscal year 2018.



WATER REPLENISHMENT FUNDS

Mission Creek Replenishment	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Replenishment Charges	\$ 559,172	\$ 535,891	\$ 594,933	\$ 600,882	\$ 5,949	1.0%
Charges for Services	1,227	705	-	-	-	-
Intergovernmental	-	40,715	-	-	-	-
Investment Income	64,904	124,425	86,254	105,160	18,906	21.9%
Other Revenue	50,536	36	-	-	-	-
Total Revenues	\$ 675,839	\$ 701,772	\$ 681,187	\$ 706,042	\$ 24,855	3.6%
Expenses						
Salaries & Benefits (Net of Capitalized Labor)	\$ 376,759	\$ 434,187	\$ 446,590	\$ 478,470	\$ 31,880	7.1%
Supplies and Services	174,001	176,562	264,925	227,604	(37,321)	-14.1%
Utilities	1,468	1,484	1,169	1,227	58	5.0%
Water Purchases	-	158,080	-	-	-	-
Capital Outlay	-	229	1,950	1,500	(450)	-23.1%
Total Expenses	\$ 552,229	\$ 770,541	\$ 714,634	\$ 708,801	\$ (5,833)	-0.8%
Operating Income (Loss)	\$ 123,610	\$ (68,769)	\$ (33,447)	\$ (2,759)	\$ 30,688	-91.8%
Nonoperating Revenues (Expenses)						
Uses						
Legal Claim Contingency Accrual ⁽²⁾	\$ -	\$ (828,621)	\$ -	\$ -	\$ -	-
Other Revenue (Expenses)	(1,691)	-	-	-	-	-
Total Nonoperating Revenues (Expenses)	\$ (1,691)	\$ (828,621)	\$ -	\$ -	\$ -	-
Increase (Decrease) in Cash Flow	\$ 121,919	\$ (897,390)	\$ (33,447)	\$ (2,759)	\$ 30,688	-91.8%
Beginning Reserve	\$ 4,262,408	\$ 4,384,327	\$ 4,384,327	\$ 3,486,937	\$ (897,390)	-20.5%
Ending Reserve	\$ 4,384,327	\$ 3,486,937	\$ 4,350,880	\$ 3,484,178	\$ (866,702)	-19.9%
Assigned Reserve	\$ 208,000	\$ 246,000	\$ 246,000	\$ 244,000	\$ (2,000)	-0.8%
Unassigned Reserve	\$ 4,176,327	\$ 3,240,937	\$ 4,104,880	\$ 3,240,178	\$ (864,702)	-21.1%
<i>Days Cash on Hand</i>	<i>2,898</i>	<i>1,652</i>	<i>2,222</i>	<i>1,794</i>	<i>(428)</i>	<i>-19.3%</i>

⁽¹⁾ Unaudited

⁽²⁾ Per Generally Accepted Accounting Principles (GAAP), the Legal Claim Contingency Accrual is a set aside of funding for potential future legal claims, and does not currently reflect an actual FY 2024 expenditure.

Budget Summary

Mission Creek revenues are budgeted to increase by \$25,000 compared to fiscal year 2024. Replenishment revenue is expected to increase by 1% as consumption remains relatively flat. Operating expenses are budgeted to decrease by \$6,000 compared to fiscal year 2024. The fiscal year 2024 water purchases category includes 158,000 in shared costs for repairs to the Mission Creek replenishment facility due to tropical storm Hilary. CVWD has a shared cost agreement with DWA.

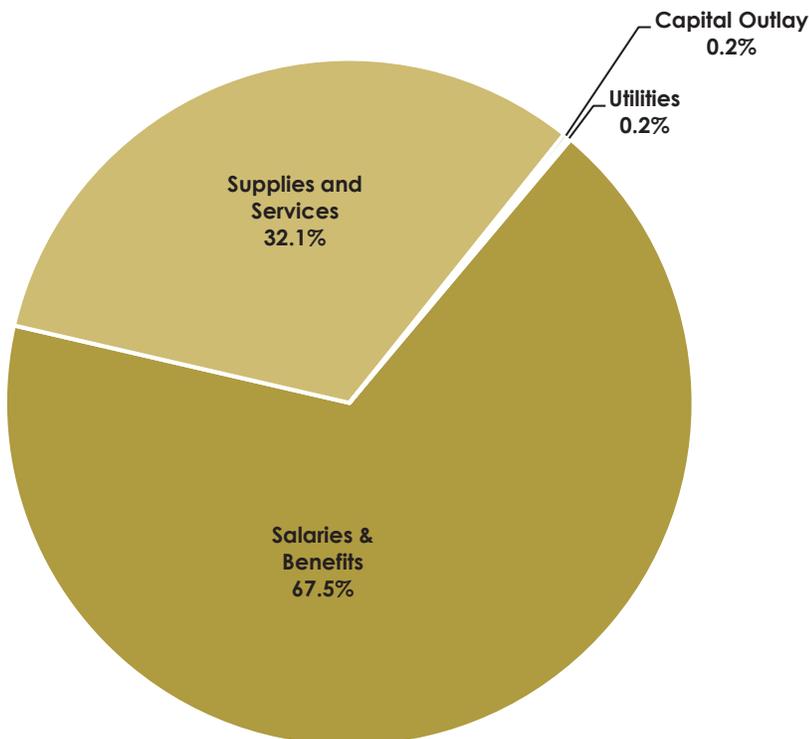
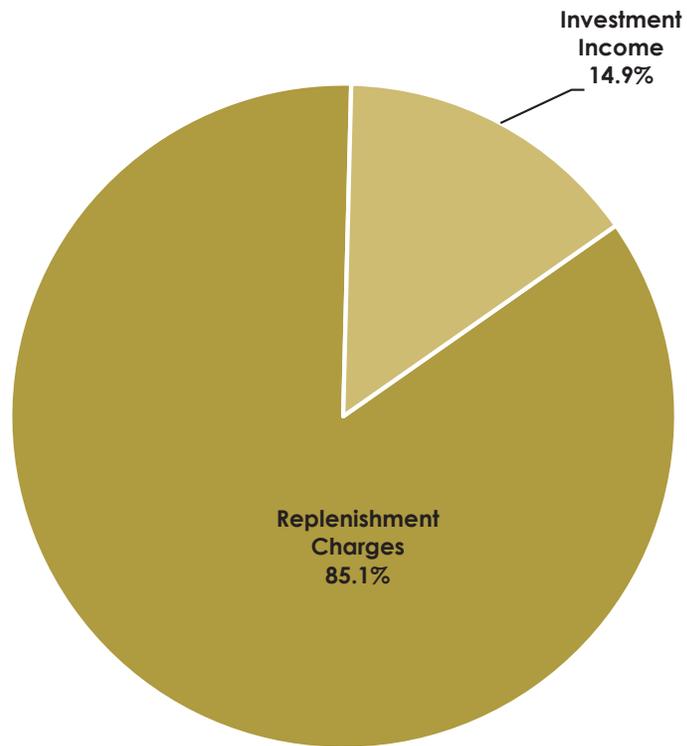
Fiscal Year 2024 includes \$829,000 for a legal claim contingency accrual related to an ongoing rate case. While this amount has not been expensed from a budgetary basis, it will be included in the audited financial statements for fiscal year 2024 and is presented here to demonstrate the potential impact to ending reserves. The District is appealing the adverse trial court decision and believes the basis of its appeal is well-founded.

Ending reserves for fiscal year 2025 are budgeted at \$3.5 million.

Operating Revenue
\$706,042

REPLENISHMENT CHARGES account for 85.1% of total fund revenues and reflect an increase of \$6,000 compared to fiscal year 2024 revenue. Replenishment charge revenues are based on the amount of water expected to be pumped from the aquifer (well production) multiplied by the RAC rate.

INVESTMENT INCOME is budgeted at \$105,000. Investment income is based on the cash balance in the fund and is generated by the combined investments of the District.



Operating Expenses
\$708,801

SALARIES & BENEFITS total \$478,000 for fiscal year 2025, and reflect an increase of \$32,000 compared to fiscal year 2024 due to expected increases in wages and benefits.

SUPPLIES & SERVICES are budgeted at \$228,000, a decrease of \$37,000 from fiscal year 2024. Changes in allocated costs are the primary causes of the variance.

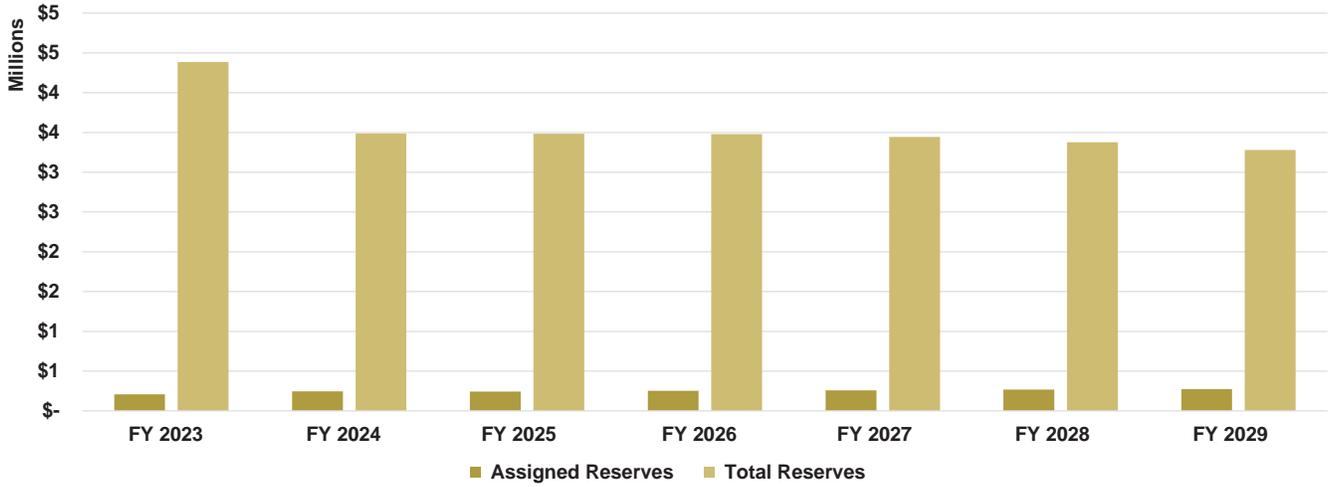
WATER REPLENISHMENT FUNDS

Five-Year Forecast

The District completed a comprehensive COSS for the Mission Creek Replenishment fund in fiscal year 2021. The study reviewed existing rate structures, evaluated the adequacy of projected revenues under the existing rates, and provided recommendations for revenue adjustments. Rate setting procedures in California require that agencies responsible for imposing property related charges demonstrate a nexus between the cost of providing the service and the services or benefits received. The five-year forecast reflects no annual rate increases. Reserves are fully funded through fiscal year 2029 per the District's Reserve Policy.

Mission Creek Replenishment Five-Year Forecast	FY 2025 Budget	FY 2026	FY 2027	FY 2028	FY 2029
		Forecast			
Revenues					
Replenishment Charges	\$ 600,882	\$ 600,882	\$ 600,882	\$ 600,882	\$ 600,882
Investment Income	105,160	132,399	132,195	130,848	128,305
Total Revenues	\$ 706,042	\$ 733,281	\$ 733,077	\$ 731,730	\$ 729,187
Expenses					
Salaries & Benefits (Net of Capitalized Labor)	\$ 478,470	\$ 500,005	\$ 522,504	\$ 546,022	\$ 567,319
Supplies and Services	227,604	235,733	242,954	249,331	255,874
Utilities	1,227	1,323	1,429	1,544	1,666
Capital Outlay	1,500	1,575	1,654	1,737	1,824
Total Expenses	\$ 708,801	\$ 738,636	\$ 768,541	\$ 798,634	\$ 826,683
Operating Income (Loss)	\$ (2,759)	\$ (5,355)	\$ (35,464)	\$ (66,904)	\$ (97,496)
Nonoperating Revenues (Expenses)	\$ -				
Increase (Decrease) in Cash Flow	\$ (2,759)	\$ (5,355)	\$ (35,464)	\$ (66,904)	\$ (97,496)
Beginning Reserve	\$ 3,486,937	\$ 3,484,178	\$ 3,478,823	\$ 3,443,359	\$ 3,376,455
Ending Reserve	\$ 3,484,178	\$ 3,478,823	\$ 3,443,359	\$ 3,376,455	\$ 3,278,959
Assigned Reserve	\$ 244,000	\$ 252,000	\$ 259,000	\$ 267,000	\$ 274,000
Unassigned Reserve	\$ 3,240,178	\$ 3,226,823	\$ 3,184,359	\$ 3,109,455	\$ 3,004,959
<i>Days Cash on Hand</i>	<i>1,794</i>	<i>1,719</i>	<i>1,635</i>	<i>1,543</i>	<i>1,448</i>

District Reserves - Mission Creek Replenishment



Reserve Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Mission Creek	Actual	Actual ⁽¹⁾	Budget	Forecast			
Assigned Reserves	\$ 208,000	\$ 246,000	\$ 244,000	\$ 252,000	\$ 259,000	\$ 267,000	\$ 274,000
Unassigned Reserves	4,176,327	3,240,937	3,240,178	3,226,823	3,184,359	3,109,455	3,004,959
Total Reserves	\$ 4,384,327	\$ 3,486,937	\$ 3,484,178	\$ 3,478,823	\$ 3,443,359	\$ 3,376,455	\$ 3,278,959

Assigned Reserves by Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Mission Creek	Actual	Actual ⁽¹⁾	Budget	Forecast			
Operating	\$ 143,000	\$ 179,000	\$ 177,000	\$ 185,000	\$ 192,000	\$ 200,000	\$ 207,000
Rate Stabilization	57,000	59,000	60,000	60,000	60,000	60,000	60,000
Emergency	8,000	8,000	7,000	7,000	7,000	7,000	7,000
Total Assigned Reserves	\$ 208,000	\$ 246,000	\$ 244,000	\$ 252,000	\$ 259,000	\$ 267,000	\$ 274,000

⁽¹⁾ Unaudited

EAST WHITEWATER REPLENISHMENT FUND

Background

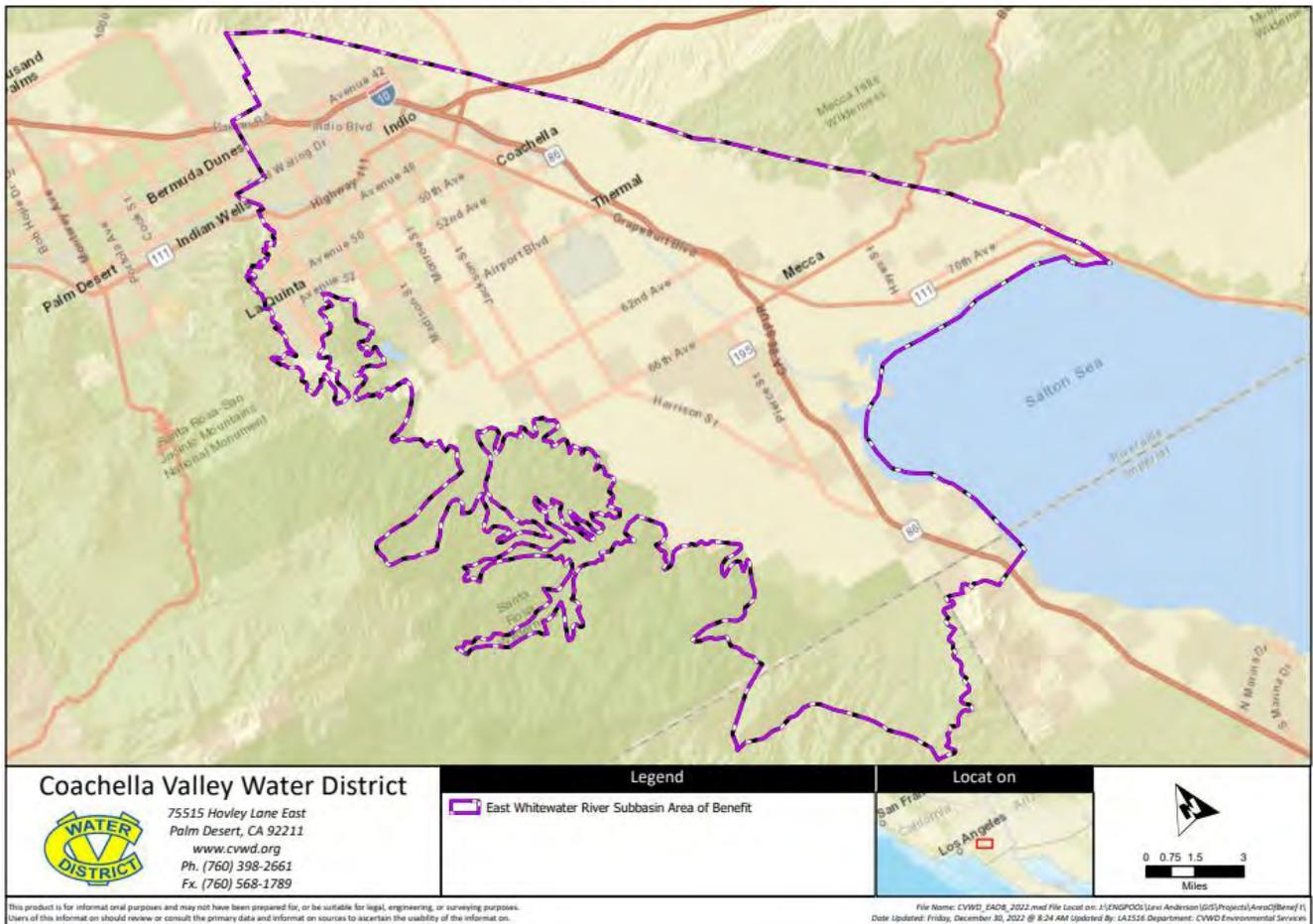
The eastern boundary of the Whitewater River Subbasin is formed primarily by the watershed of the Mecca Hills and by the northwest shoreline of the Salton Sea, running between the Santa Rosa Mountains and Mortmar. The southern boundary roughly coincides with the Riverside/Imperial County line. The western boundary runs from Point Happy in La Quinta to Indio Hills and the San Andreas Fault.

Groundwater replenishment in the east valley began in 1997, using pilot groundwater replenishment facilities at Dike 4, with a full-scale facility that was later constructed at this site. Named the Thomas E. Levy Groundwater Replenishment Facility (TEL), this replenishment facility was operational in June 2009. A loan from the Domestic Water fund was used to pay for the cost of the new facility and was paid in full in fiscal year 2023.

Since 2009, groundwater levels in the direct vicinity of the TEL facility increased between 45 and 90 feet, primarily due to direct replenishment. According to a 2014 study released by the U.S. Geological Survey (USGS), average subsidence rates decreased at five locations in the city of La Quinta, near the TEL facility, and in one case, USGS measured ground uplift. These measurements were taken in 2010, after only one full year of operation of the TEL facility.

The following map shows the East Whitewater Area of Benefit, along with CVWD Boundaries.

East Whitewater River Subbasin Area of Benefit

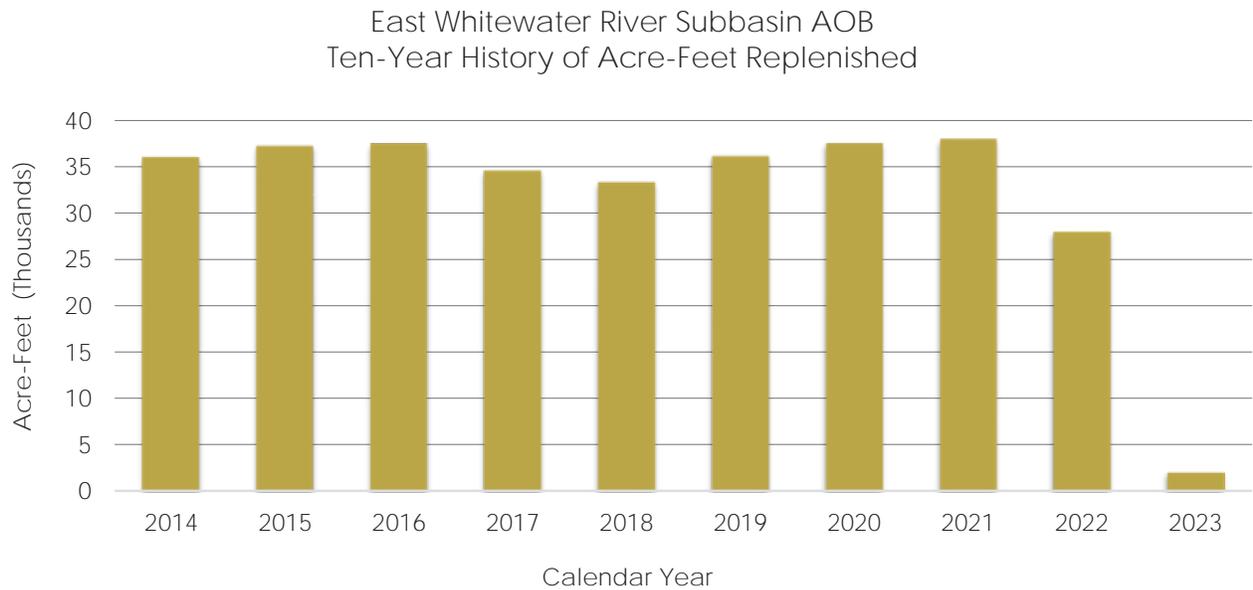


Groundwater Replenishment

CVWD has replenished 518,465 af of water in the AOB through calendar year 2023. The water is supplied from the Colorado River via the Coachella Branch of the All American Canal.

To address the worsening drought conditions on the Colorado River, in 2022, USBR asked all Colorado River water users to achieve an annual reduction of 2 to 4 million af during calendar years 2023, 2024, and 2025. Balancing the need for direct groundwater replenishment for CVWD’s long-term groundwater sustainability against the benefits of contributing water to the Colorado River through a short-term suspension of groundwater replenishment delivery, the CVWD Board of Directors approved curtailing replenishment at the TEL Facility in November 2022 for the remainder of calendar year 2022. This compensated action allowed 9,083 af to be immediately retained in the Colorado River. In addition, the Board approved an additional agreement with USBR under the Lower Colorado Conservation Program to conserve up to 35,000 af per year for calendar years 2023 through 2025, for up to 105,000 af.

The chart below depicts the amount of water replenished in this subbasin for the last ten calendar years.



Groundwater Production

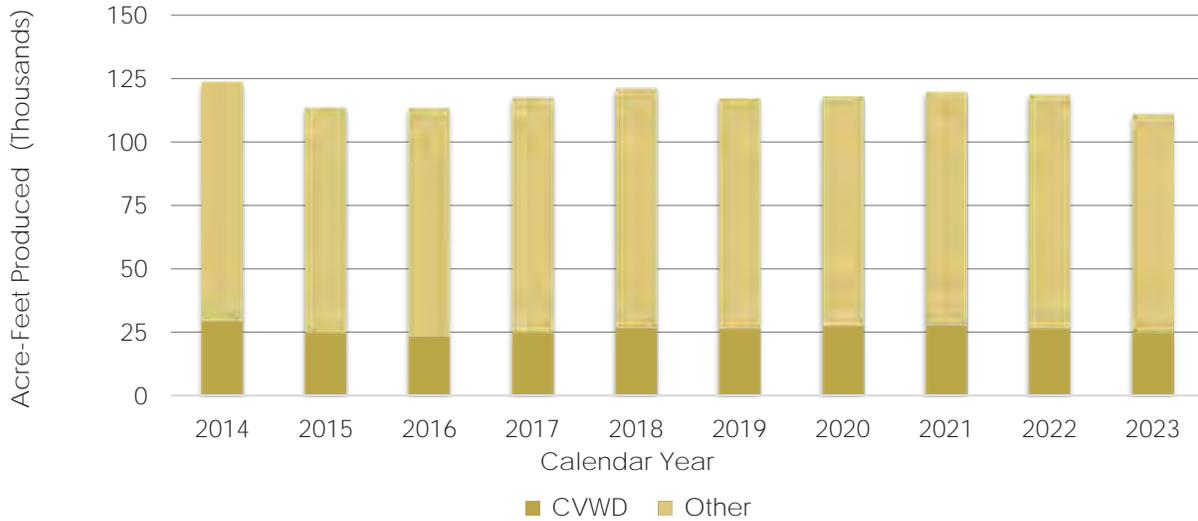
Of the 73 producers subject to the RAC in CVWD’s East Whitewater River Subbasin AOB in calendar year 2022, 27 were “self-reporters.” Self-reporters are producers that read their own water meter and report their own groundwater production to the District rather than entering into an agreement with the District to allow District staff to read their meter and report their production. The District requires these producers to accurately and timely report the volume of water they pump from all their wells located within the AOB on a monthly basis. The District performs audits on self-reporters and aggressively identifies producers that do not accurately report the amount of water produced. If, after investigation, it is determined that groundwater production is under-reported, the District invoices the producers for the past under-reported production.

Production is charged to the period it was produced, while the revenues are reported in fiscal year invoiced. As a result, production numbers reported for prior years will be updated as necessary.

Producers subject to the RAC in CVWD’s East Whitewater River Subbasin AOB pumped 110,820 af of water from the aquifer in calendar year 2023, a decrease of 7,789 af from 2022. CVWD’s wells produced 24,837 af for use as domestic water compared to 26,556 af in 2022, a decrease of 1,719 af.

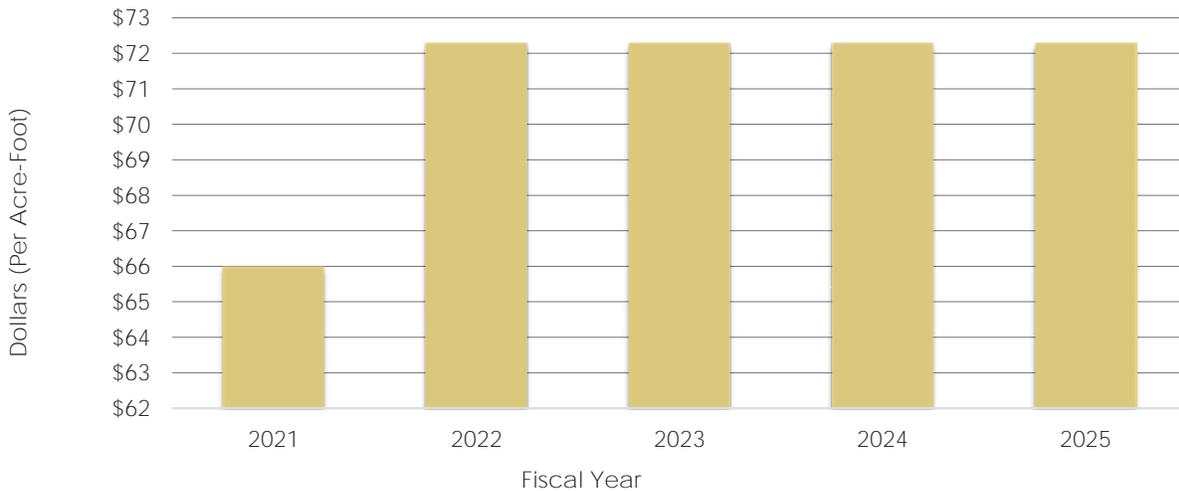
The chart below shows the amount of water produced for the last ten calendar years.

East Whitewater River Replenishment AOB
Ten-Year History of Acre-Feet Produced



The chart below shows the five-year history of replenishment rates for the East Whitewater Replenishment Fund. As part of the 2021 COSS, the Board approved a 9.5% rate increase for fiscal year 2022. For fiscal years 2023, 2024, and 2025, the Board elected to hold the rate at \$72.27 per af with no increase.

East Whitewater RAC Rates
Five-Year History



WATER REPLENISHMENT FUNDS

East Whitewater Replenishment	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Water Sales	\$ 392,392	\$ 378,575	\$ 422,163	\$ 422,163	\$ -	-
Replenishment Charges	8,257,364	7,947,943	7,805,160	7,408,759	(396,401)	-5.1%
Property Taxes - General	9,583,525	7,480,011	5,000,000	6,036,976	1,036,976	20.7%
Charges for Services	33,280	165,859	-	-	-	-
Intergovernmental	24,700	97,968	25,690	-	(25,690)	-100.0%
Investment Income	228,345	590,793	252,163	23,152	(229,011)	-90.8%
Other Revenue	90,822	1,258	25,000	56,995	31,995	128.0%
Total Revenues	\$ 18,610,429	\$ 16,662,405	\$ 13,530,176	\$ 13,948,045	\$ 417,869	3.1%
Expenses						
Salaries & Benefits (Net of Capitalized Labor)	\$ 1,864,119	\$ 2,041,069	\$ 2,175,582	\$ 2,375,750	\$ 200,168	9.2%
Supplies and Services	1,513,681	1,142,625	1,470,242	1,535,239	64,997	4.4%
Utilities	546,025	589,881	94,297	91,102	(3,195)	-3.4%
Water Purchases	1,062,490	424,692	442,906	482,252	39,346	8.9%
QSA Mitigation Costs	1,212,000	1,369,930	1,369,312	-	(1,369,312)	-100.0%
Capital Outlay	-	10,272	11,250	32,370	21,120	187.7%
Total Expenses	\$ 6,198,316	\$ 5,578,469	\$ 5,563,589	\$ 4,516,713	\$ (1,046,876)	-18.8%
Operating Income (Loss)	\$ 12,412,113	\$ 11,083,936	\$ 7,966,587	\$ 9,431,332	\$ 1,464,745	18.4%
Nonoperating Revenues (Expenses)						
Interfund Transfers						
Debt Service - Interfund	\$ (2,082,345)	\$ -	\$ -	\$ -	\$ -	-
Sources						
Loan Proceeds	-	100,000	100,000	-	(100,000)	-100.0%
Uses						
Debt Service - External	(1,327,240)	(1,316,253)	(1,890,085)	(1,890,085)	-	-
Capital Improvement Projects	(4,180,744)	(803,645)	(1,150,000)	(364,000)	786,000	-68.3%
General District Capital	(182,623)	(75,899)	(83,450)	(565,250)	(481,800)	577.4%
Motorpool Capital	-	(28,171)	(39,879)	(22,795)	17,084	-42.8%
Legal Claim Contingency Accrual ⁽²⁾	-	(15,549,062)	-	-	-	-
Other Revenue (Expenses) ⁽³⁾	-	1,017,751	-	-	-	-
Total Nonoperating Revenues (Expenses)	\$ (7,772,952)	\$ (16,655,279)	\$ (3,063,414)	\$ (2,842,130)	\$ 221,284	-7.2%
Increase (Decrease) in Cash Flow	\$ 4,639,161	\$ (5,571,343)	\$ 4,903,173	\$ 6,589,202	\$ 1,686,029	34.4%
Beginning Reserve	\$ 7,564,731	\$ 12,203,892	\$ 12,203,892	\$ 6,632,549	\$ (5,571,343)	-45.7%
Ending Reserve	\$ 12,203,892	\$ 6,632,549	\$ 17,107,065	\$ 13,221,751	\$ (3,885,314)	-22.7%
Assigned Reserve	\$ 5,383,000	\$ 4,622,000	\$ 4,622,000	\$ 5,045,000	\$ 423,000	9.2%
Unassigned Reserve	\$ 6,820,892	\$ 2,010,549	\$ 12,485,065	\$ 8,176,751	\$ (4,308,314)	-34.5%
<i>Days Cash on Hand</i>	<i>719</i>	<i>434</i>	<i>1,122</i>	<i>1,068</i>	<i>(54)</i>	<i>-4.8%</i>

⁽¹⁾ Unaudited

⁽²⁾ Per Generally Accepted Accounting Principles (GAAP), the Legal Claim Contingency Accrual is a set aside of funding for potential future legal claims, and does not currently reflect an actual FY 2024 expenditure.

⁽³⁾ Other Non-Operating Revenue includes prior period adjustment related to nonpotable reserves from the Sanitation fund.

Budget Summary

East Whitewater's total revenues reflect an increase of \$418,000, or 3.1%, over fiscal year 2024 budget, primarily due to property tax revenue.

Total operating expenses are budgeted to decrease by \$1 million, or 18.8%, compared to fiscal year 2024 budget primarily due to final payoff of QSA mitigation costs in fiscal year 2024. Canal water purchase costs continue to be lower than historical averages as a result of curtailment efforts at the Thomas E. Levy facility. These temporary,

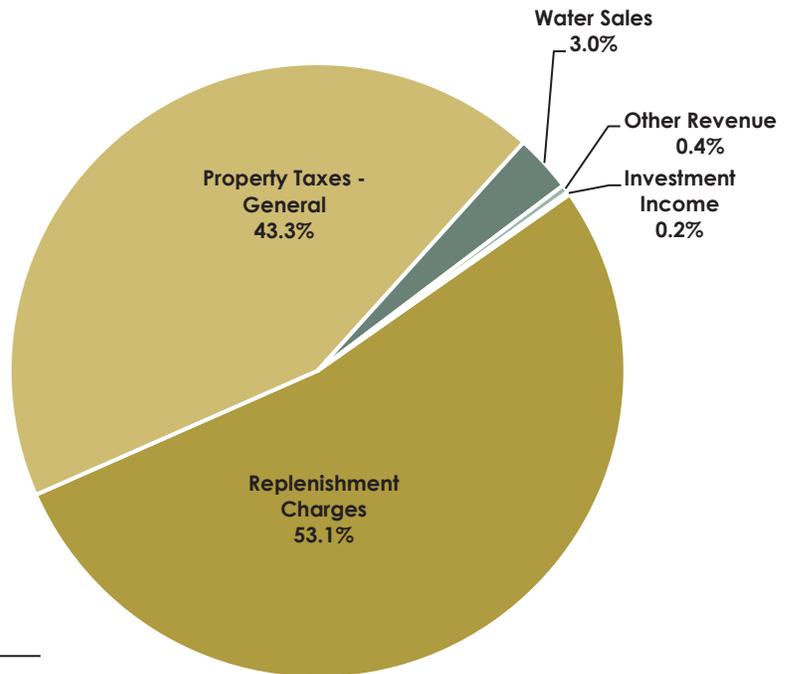
compensated efforts will keep up to 105,000 af of water in Lake Mead through calendar year 2025 as part of the Lower Colorado Conservation Program through USBR.

Fiscal Year 2024 includes \$15.5 million for a legal claim contingency accrual related to an ongoing rate case. While this amount has not been expensed from a budgetary basis, it will be included in the audited financial statements for fiscal year 2024 and is presented here to demonstrate the potential impact to ending reserves. The District is appealing the adverse trial court decision and believes the basis of its appeal is well-founded.

Operating Revenue \$13,948,045

REPLENISHMENT CHARGES comprise 53.1% of total revenue. The replenishment charge budget is based on the amount of water expected to be pumped from the aquifer (well production) multiplied by the RAC rate. The RAC rate for fiscal year 2025 reflects no rate increase.

PROPERTY TAX – General revenues total 43.3% of total revenue. Property taxes for this fund are part of the District’s general tax revenue.



Operating Expenses \$4,516,713

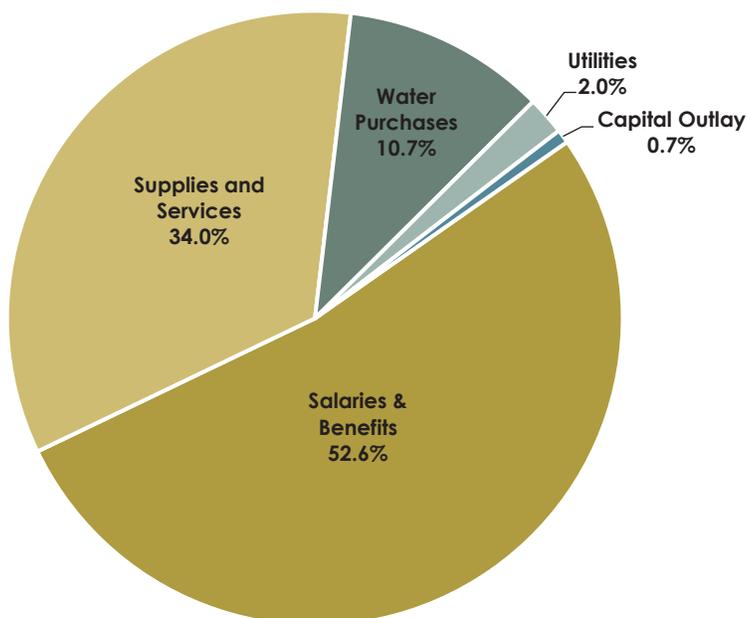
SALARIES & BENEFITS total \$2.4 million, an increase of \$200,000 compared to fiscal year 2024 budget.

SUPPLIES & SERVICES are budgeted at \$1.5 million, an increase of \$65,000 over fiscal year 2024, primarily due to allocation changes between funds for legal and professional services.

WATER PURCHASES are budgeted at \$482,000, which is a \$39,000 increase from the prior budget. The East Replenishment fund purchases water from the Canal fund for replenishment purposes, and 35,000 af will not be used in fiscal year 2025 due to curtailment efforts at the Thomas E. Levy facility as part of an agreement with USBR to keep water in Lake Mead.

CAPITAL OUTLAY costs are budgeted at \$32,000 for fiscal year 2025.

UTILITIES are budgeted at \$91,000 million, a decrease of \$3,000 from fiscal year 2024 due to anticipated energy savings (pumping costs) related to the continued curtailment efforts.



Five-Year Forecast

The District completed a comprehensive COSS for the East Replenishment Fund in fiscal year 2021 and established maximum Proposition 218 rate increases for fiscal years 2022 through 2026. The Board has the ability to adopt rates up to the maximum rate each year as part of the budget process. Based on fiscal year 2024 performance, the Board elected to hold the current rate with no increase for fiscal year 2025.

The five-year forecast includes rate assumptions based on anticipated expenditures and reflects the balance of ensuring positive operating income for the long term, maintaining debt service coverage of at least 1.25x as required under the master resolution, and drawing down unassigned reserves over time to the assigned reserve target. Projected rates are based on current assumptions and will be revised during the next budget process. The following table compares the projected forecast rates to the Proposition 218 maximum rates.

Forecast Rate Comparison East Replenishment (Per AF)	FY 2025 Rate	FY 2026 Rate	FY 2027 ⁽¹⁾ Rate	FY 2028 ⁽¹⁾ Rate	FY 2029 ⁽¹⁾ Rate
<u>Proposition 218 Maximum Rates</u>					
East Replenishment Rate	\$ 83.96	\$ 86.48	\$ 86.48	\$ 86.48	\$ 86.48
Year-Over-Year % Change	6.1%	3.0%	0.0%	0.0%	0.0%
<u>Forecast Projected Rates</u>					
East Replenishment Rate	\$ 72.27	\$ 72.27	\$ 72.27	\$ 72.27	\$ 72.27
Year-Over-Year % Change	0.0%	0.0%	0.0%	0.0%	0.0%

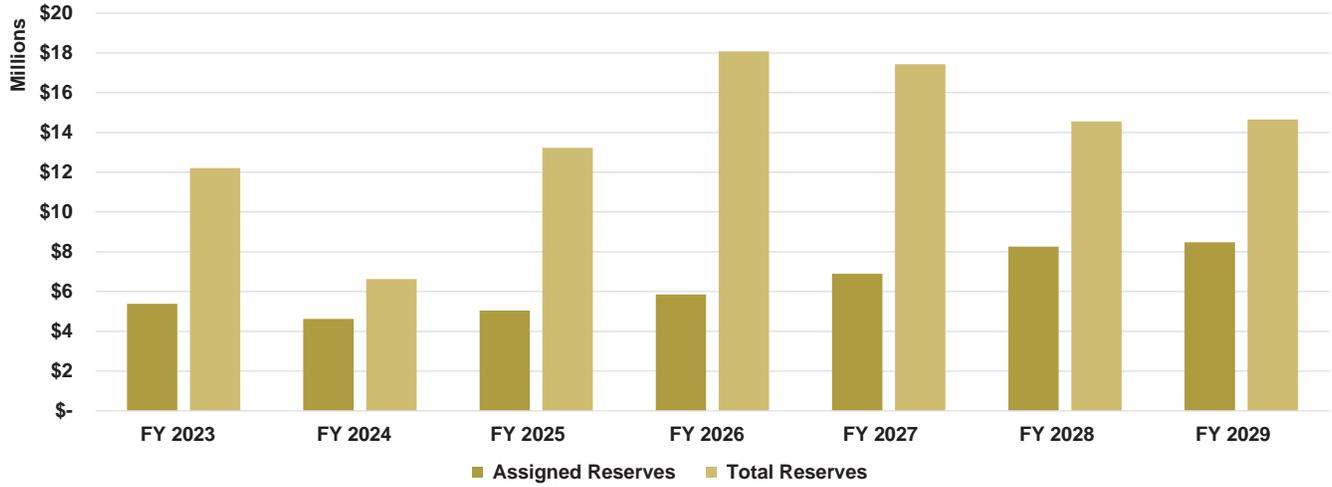
⁽¹⁾ Proposition 218 Rates are adopted through FY 2026.

Property tax revenue is expected to grow by approximately 3% during the forecast period due to increases in assessed value. Operating expenses remain low through fiscal year 2025 due to curtailment efforts. Debt service payments for the Oasis project increase to from \$1.9 million per year to \$3 million per year in fiscal year 2028.

WATER REPLENISHMENT FUNDS

East Whitewater Replenishment Five-Year Forecast	FY 2025 Budget	FY 2026	FY 2027	FY 2028	FY 2029
		Forecast			
Revenues					
Water Sales	\$ 422,163	\$ 431,340	\$ 431,340	\$ 431,340	\$ 431,340
Replenishment Charges	7,408,759	7,080,292	6,897,810	6,897,810	6,715,328
Property Taxes - General	6,036,976	6,218,085	6,404,628	6,596,767	6,794,670
Investment Income	23,152	502,427	686,864	662,152	553,066
Other Revenue	56,995	56,995	56,995	56,995	56,995
Total Revenues	\$ 13,948,045	\$ 14,289,139	\$ 14,477,637	\$ 14,645,064	\$ 14,551,399
Expenses					
Salaries & Benefits (Net of Capitalized Labor)	\$ 2,375,750	\$ 2,465,491	\$ 2,497,915	\$ 2,603,145	\$ 2,814,386
Supplies and Services	1,535,239	1,593,023	1,643,972	1,687,412	1,732,038
Utilities	91,102	98,388	856,260	1,614,761	1,743,942
Water Purchases	482,252	2,412,691	4,545,271	4,772,534	5,011,161
Capital Outlay	32,370	33,990	35,689	37,474	39,347
Total Expenses	\$ 4,516,713	\$ 6,603,583	\$ 9,579,107	\$ 10,715,326	\$ 11,340,874
Operating Income (Loss)	\$ 9,431,332	\$ 7,685,556	\$ 4,898,530	\$ 3,929,738	\$ 3,210,525
Nonoperating Revenues (Expenses)					
Uses					
Debt Service - External	\$ (1,890,085)	\$ (1,890,085)	\$ (1,890,085)	\$ (2,850,618)	\$ (2,846,150)
Capital Improvement Projects	(364,000)	(500,000)	(3,140,000)	(3,520,000)	-
General District Capital	(565,250)	(337,500)	(416,750)	(327,500)	(149,000)
Motorpool Capital	(22,795)	(104,360)	(102,000)	(102,320)	(111,480)
Total Nonoperating Revenues (Expenses)	\$ (2,842,130)	\$ (2,831,945)	\$ (5,548,835)	\$ (6,800,438)	\$ (3,106,630)
Increase (Decrease) in Cash Flow	\$ 6,589,202	\$ 4,853,611	\$ (650,305)	\$ (2,870,700)	\$ 103,895
Beginning Reserve	\$ 6,632,549	\$ 13,221,751	\$ 18,075,362	\$ 17,425,057	\$ 14,554,357
Ending Reserve	\$ 13,221,751	\$ 18,075,362	\$ 17,425,057	\$ 14,554,357	\$ 14,658,252
Assigned Reserve	\$ 5,045,000	\$ 5,856,000	\$ 6,895,000	\$ 8,253,000	\$ 8,475,000
Unassigned Reserve	\$ 8,176,751	\$ 12,219,362	\$ 10,530,057	\$ 6,301,357	\$ 6,183,252
<i>Days Cash on Hand</i>	<i>1,068</i>	<i>999</i>	<i>664</i>	<i>496</i>	<i>472</i>

District Reserves - East Whitewater Replenishment



Reserve Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
East Whitewater	Actual	Actual ⁽¹⁾	Budget	Forecast			
Assigned Reserves	\$ 5,383,000	\$ 4,622,000	\$ 5,045,000	\$ 5,856,000	\$ 6,895,000	\$ 8,253,000	\$ 8,475,000
Unassigned Reserves	6,820,892	2,010,549	8,176,751	12,219,362	10,530,057	6,301,357	6,183,252
Total Reserves	\$ 12,203,892	\$ 6,632,549	\$ 13,221,751	\$ 18,075,362	\$ 17,425,057	\$ 14,554,357	\$ 14,658,252

Assigned Reserves by Type	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
East Whitewater	Actual	Actual ⁽¹⁾	Budget	Forecast			
Operating	\$ 2,487,000	\$ 1,382,000	\$ 1,121,000	\$ 1,642,000	\$ 2,386,000	\$ 2,669,000	\$ 2,825,000
Rate Stabilization	995,000	553,000	448,000	657,000	954,000	1,068,000	1,130,000
Capital	181,000	181,000	488,000	488,000	488,000	488,000	488,000
Emergency	559,000	576,000	1,075,000	1,075,000	1,075,000	1,075,000	1,075,000
Vehicle	17,000	40,000	23,000	104,000	102,000	102,000	111,000
Debt Service	1,144,000	1,890,000	1,890,000	1,890,000	1,890,000	2,851,000	2,846,000
Total Assigned Reserves	\$ 5,383,000	\$ 4,622,000	\$ 5,045,000	\$ 5,856,000	\$ 6,895,000	\$ 8,253,000	\$ 8,475,000

⁽¹⁾ Unaudited



Whitewater Replenishment Facility

INTERNAL SERVICE FUNDS

Internal Service Funds are used to account for the financing of goods or services provided by one department to other departments or funds of the District. Internal Service Funds are expressly designed to function as cost-reimbursement devices. These funds accumulate costs related to an activity on an accrual basis, so the costs can subsequently be allocated to the benefitting funds or departments in the form of fees and charges. Internal Service Funds are appropriate when the intent is to recover the full cost of providing the activity.

CVWD operates three funds in this manner: the Motorpool fund, the Workers' Compensation Self-Insurance fund, and the Dental Self-Insurance fund.

MOTORPOOL

Motor Pool Fund	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Charges for Services	\$ 5,151,649	\$ 10,469,386	\$ 5,411,505	\$ 5,556,754	\$ 145,249	2.7%
Intergovernmental	2,939	-	-	-	-	-
Investment Income	8,456	(521)	16,957	41,721	24,764	146.0%
Other Revenue	26,810	49,002	-	-	-	-
Total Revenues	\$ 5,189,854	\$ 10,517,867	\$ 5,428,462	\$ 5,598,475	\$ 170,013	3.1%
Expenses						
Salaries & Benefits (Net of Capitalized Labor)	\$ 3,411,516	\$ 3,635,634	\$ 3,845,948	\$ 4,007,877	\$ 161,929	4.2%
Supplies and Services	1,950,778	3,998,752	1,331,707	1,528,935	197,228	14.8%
Utilities	3,008	4,085	807	3,712	2,905	360.0%
Capital Outlay	-	182,020	250,000	57,951	(192,049)	-76.8%
Total Expenses	\$ 5,365,302	\$ 7,820,492	\$ 5,428,462	\$ 5,598,475	\$ 170,013	3.1%
Operating Income (Loss)	\$ (175,448)	\$ 2,697,375	\$ -	\$ -	\$ -	-
Nonoperating Revenues (Expenses)						
Uses						
Capital Improvement Projects	\$ (1,922,880)	\$ (1,311,265)	\$ (2,376,597)	\$ (3,100,000)	\$ (723,403)	30.4%
Motorpool Capital	1,922,880	1,311,265	2,376,597	3,100,000	723,403	30.4%
Other Revenue (Expenses)	198,646	-	-	-	-	-
Total Nonoperating Revenues (Expenses)	\$ 198,646	\$ -	\$ -	\$ -	\$ -	-
Increase (Decrease) in Cash Flow	\$ 23,198	\$ 2,697,375	\$ -	\$ -	\$ -	-
Beginning Reserve	\$ 1,162,528	\$ 1,185,726	\$ 1,185,726	\$ 3,883,101	\$ 2,697,375	227.5%
Ending Reserve	\$ 1,185,726	\$ 3,883,101	\$ 1,185,726	\$ 3,883,101	\$ 2,697,375	227.5%

⁽¹⁾ Unaudited

Background

The Motorpool Fund is used to account for repairs, maintenance, fuel, and services to all District vehicles and equipment. The Motorpool division of the Operations & Maintenance department is responsible for the management of the District's entire fleet. Services provided by this division include:

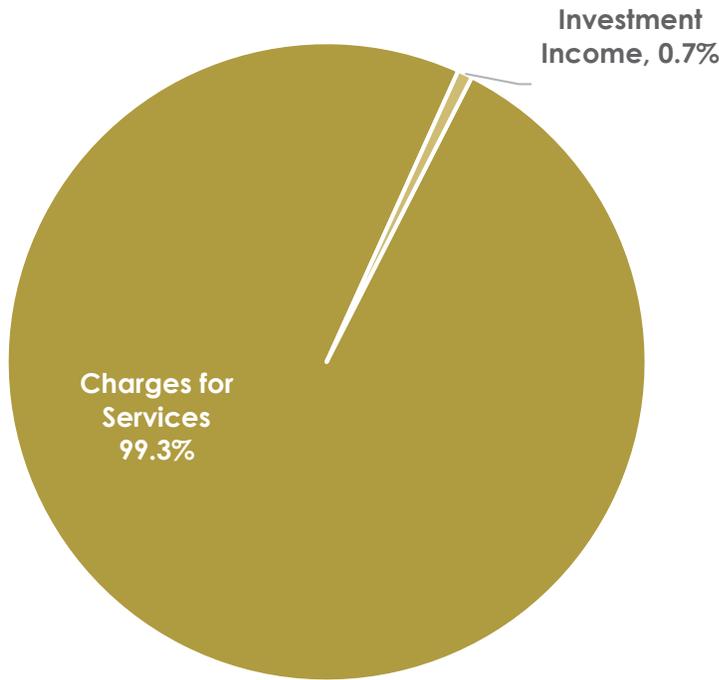
- South Coast Air Quality Management District (SCAQMD) compliance
- Vehicle and equipment rental
- Vehicle and equipment maintenance
- Preventative maintenance program
- Unscheduled repairs
- Fuel and parts inventory control
- Vehicle and equipment specifications preparation
- Vehicle and equipment acquisition

Budget Summary

Fiscal year 2025 budget balances \$5.6 million in expected operating expenses with \$5.6 million in revenue from charges for services to the benefiting enterprise funds. While there is not a formal reserve policy for internal service funds, reserves are generally maintained to smooth out year-over-year variances in expenses.

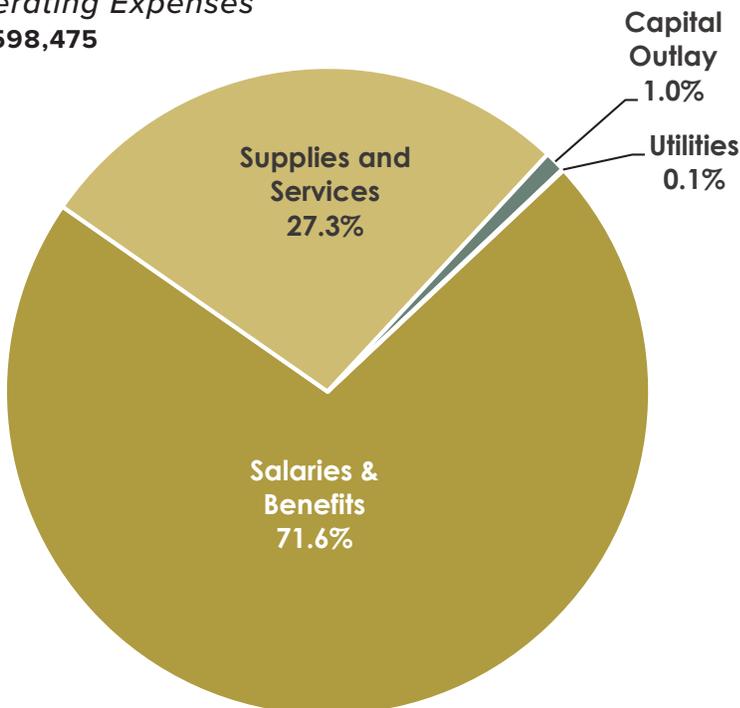
The Motorpool Fund includes capital expenses for vehicle replacements, but the appropriate enterprise fund actually funds all replacements. Instead of accumulating reserves in the Motorpool Fund, each enterprise fund established a designated reserve for vehicle replacements or additions. In fiscal year 2025, approximately \$3.1 million is being transferred to the Motorpool Fund to reimburse the fund for capital purchases.

Operating Revenue
\$5,598,475



CHARGES FOR SERVICES amount to \$5.56 million in fiscal year 2025. This amount includes operation and maintenance (O&M) costs, which are charged to user departments.

Operating Expenses
\$5,598,475



Budgeted operating expenses are \$5.6 million in fiscal year 2025, or 3.1% higher than fiscal year 2024. Capital outlay is \$57,951 in fiscal year 2025. Salaries & Benefits are reflecting a \$162,000 increase. Supplies & services reflect an increase of \$197,000 compared to fiscal year 2024 due to an increased budgeted cost for fuel, small tools and other supplies, offset by a reduction in contract services for a zero-emissions study completed in fiscal year 2024.

In addition, there are \$3.1 million in vehicle capital improvements budgeted in fiscal year 2025. Additional details regarding vehicle equipment replacements are located in the Capital Improvements chapter.

WORKERS' COMPENSATION SELF-INSURANCE FUND

Workers' Compensation Fund	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Charges for Services	\$ 922,463	\$ 998,490	\$ 1,259,322	\$ 1,390,439	\$ 131,117	10.4%
Investment Income	5,866	20,714	19,664	25,550	5,886	29.9%
Other Revenue	-	97,500	-	-	-	-
Total Revenues	\$ 928,329	\$ 1,116,704	\$ 1,278,986	\$ 1,415,989	\$ 137,003	10.7%
Expenses						
Salaries & Benefits (Net of Capitalized Labor)	\$ 92,139	\$ 65,342	\$ 178,986	\$ 205,989	\$ 27,003	15.1%
Supplies and Services	1,238,519	1,304,347	1,100,000	1,210,000	110,000	10.0%
Total Expenses	\$ 1,330,657	\$ 1,369,690	\$ 1,278,986	\$ 1,415,989	\$ 137,003	10.7%
Operating Income (Loss)	\$ (402,329)	\$ (252,986)	\$ -	\$ -	\$ -	-
Nonoperating Revenues (Expenses)						
Uses						
Other Revenue (Expenses)	\$ 248,820	\$ -	\$ -	\$ -	\$ -	-
Total Nonoperating Revenues (Expenses)	\$ 248,820	\$ -	\$ -	\$ -	\$ -	-
Increase (Decrease) in Cash Flow	\$ (153,509)	\$ (252,986)	\$ -	\$ -	\$ -	-
Beginning Reserve	\$ 994,859	\$ 841,351	\$ 841,351	\$ 588,365	\$ (252,986)	-30.1%
Ending Reserve	\$ 841,351	\$ 588,365	\$ 841,351	\$ 588,365	\$ (252,986)	-30.1%

⁽¹⁾ Unaudited

Background

This fund accounts for all expenses associated with self-insuring the District's Workers' Compensation program. Rates are assessed against gross salaries as a means of providing revenue to cover workers' compensation claims and administrative costs.

Budget Summary

The District conducts long-term actuarial valuations every three (3) years, with the last valuation completed in fiscal year in August 2024.

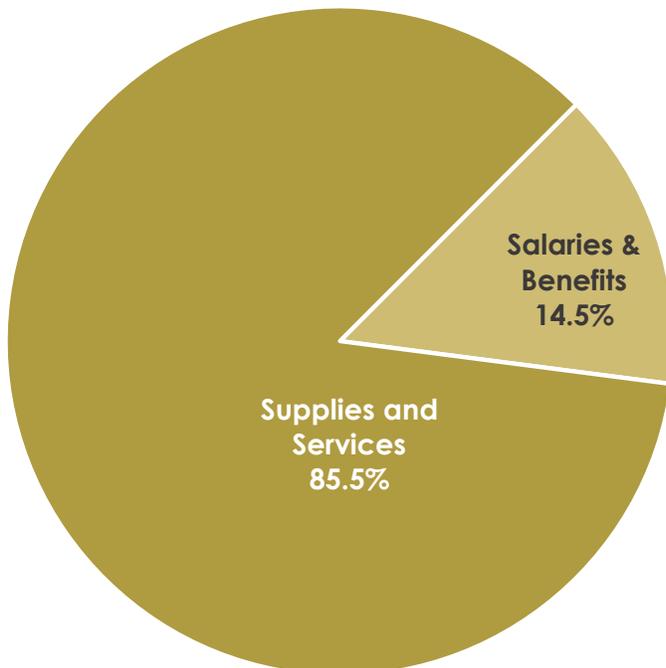
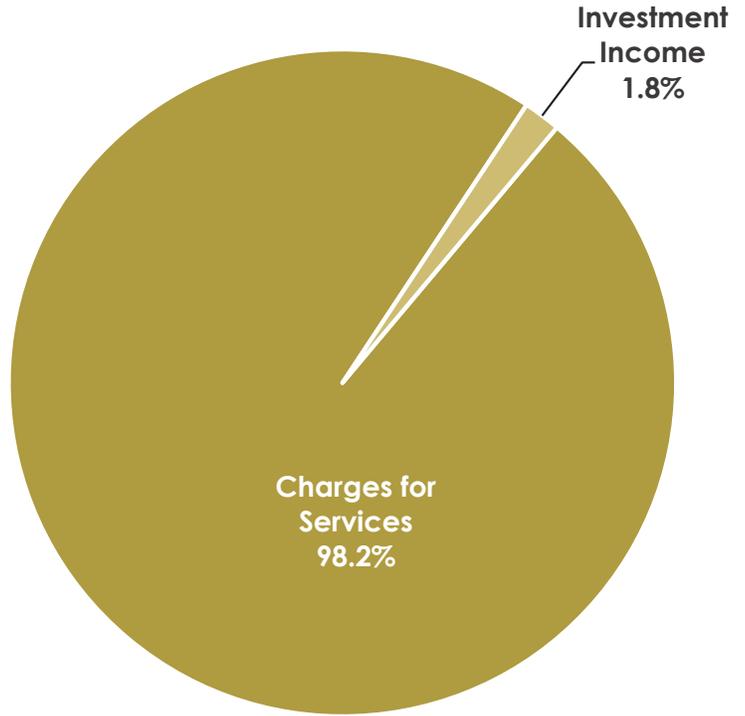
The budget for workers' compensation rates was derived from an actuarial analysis conducted in 2023. Estimated outstanding liabilities, including allocated loss adjustment expenses (ALAE), as of June 30, 2024, total \$2.0 million. The outstanding liabilities represent the estimated cost of unpaid claims.

Estimated outstanding liabilities include case reserves, development of known claims, and incurred but not reported claims. ALAE are direct expenses for settling specific claims. These amounts are limited to the self-insured retention. Case reserves are an estimate of unpaid amounts established by claims adjusters for which particular claims will ultimately be settled or adjudicated.

Operating Revenue
\$1,415,989

CHARGES FOR SERVICES total \$1.4 million for fiscal year 2025. This revenue represents an expense to each department based on employees' salaries and type of work performed. Adjusting the experience modification factor used to calculate workers' compensation, along with the rate associated classification, impacts revenues in the Workers' Compensation fund.

In addition, there is \$26,000 in projected investment income.



Operating Expenses
\$1,415,989

Overall budgeted expenses for fiscal year 2025 are projected to increase by 10.7% from fiscal year 2024.

DENTAL SELF-INSURANCE FUND

Dental Self-Insurance Fund	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Revenues						
Charges for Services	\$ 465,409	\$ 479,866	\$ 549,673	\$ 430,991	\$ (118,682)	-21.6%
Intergovernmental	17,120	-	-	-	-	-
Investment Income	(1,604)	4,114	-	9	9	-
Other Revenue	104,446	-	-	-	-	-
Total Revenues	\$ 585,371	\$ 483,980	\$ 549,673	\$ 431,000	\$ (118,673)	-21.6%
Expenses						
Salaries & Benefits (Net of Capitalized Labor)	\$ (4,102)	\$ -	\$ 120	\$ -	\$ (120)	-100.0%
Supplies and Services	436,557	388,744	549,515	431,000	(118,515)	-21.6%
Utilities	-	-	38	-	(38)	-100.0%
Total Expenses	\$ 432,455	\$ 388,744	\$ 549,673	\$ 431,000	\$ (118,673)	-21.6%
Operating Income (Loss)	\$ 152,915	\$ 95,236	\$ -	\$ -	\$ -	-
Nonoperating Revenues (Expenses)						
Uses						
Other Revenue (Expenses)	\$ 231	\$ -	\$ -	\$ -	\$ -	-
Total Nonoperating Revenues (Expenses)	\$ 231	\$ -	\$ -	\$ -	\$ -	-
Increase (Decrease) in Cash Flow	\$ 153,146	\$ 95,236	\$ -	\$ -	\$ -	-
Beginning Reserve	\$ (152,858)	\$ 288	\$ 288	\$ 95,525	\$ 95,236	-
Ending Reserve	\$ 288	\$ 95,525	\$ 288	\$ 95,525	\$ 95,236	-

⁽¹⁾ Unaudited

Background

The Dental Self-Insurance Fund accounts for the costs of the self-insured dental plan for active employees, retirees, and those eligible for Consolidated Omnibus Budget Reconciliation Act (COBRA). The plan for active employees is a cost-sharing plan where the employees pay either 20% or 25%, and the District pays 75% or 80% of the monthly premiums, based upon each bargaining agreement. Costs associated with the plan for retirees and COBRA participants are projected to be covered by billed premiums.

Budget Summary

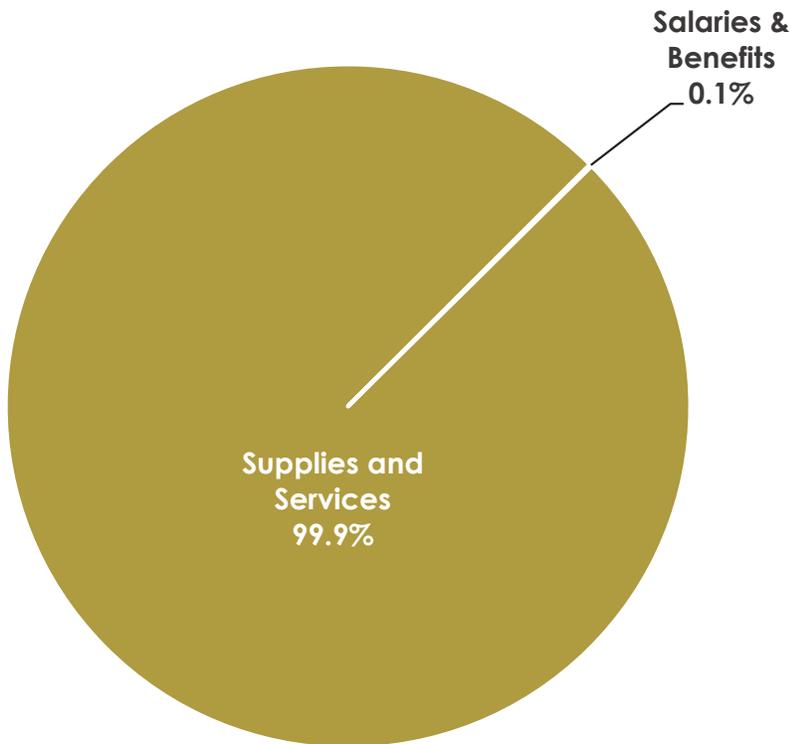
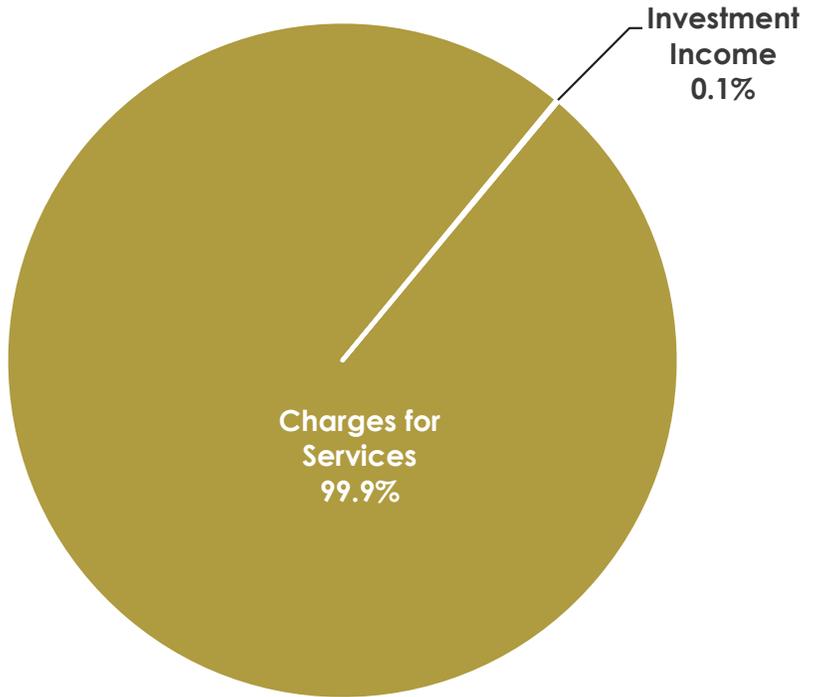
Fiscal year 2025 revenues are based on the average number of active employees, the average number of retirees, and COBRA participants participating in the plan, multiplied by the annual premium.

The expense budget is projected actual costs based on the cost of administering the program and the District's average claims history.

This fund was established in January 2016 without any required reserves. The District's Reserve Policy does not require reserves for the Dental Self-Insurance fund, as rates are adjusted when deficits occur.

Operating Revenue
\$431,000

CHARGES FOR SERVICES total \$431,000 in fiscal year 2025. This revenue represents an expense to each department based on the number of active employees and the benefit coverage level selected: Employee only, Employee + One, Employee + Children, or Employee + Family. In addition, this revenue includes the average number of retirees and COBRA participants participating in the plan, multiplied by the annual premium.



Operating Expenses
\$431,000

Budgeted expenses for fiscal year 2025 are projected to decrease by \$119,000.

BUDGET BY DEPARTMENT



MISSION STATEMENT

To meet the water-related needs of the people through dedicated employees, providing high quality water at a reasonable cost.

DEPARTMENT DESCRIPTION

Each department is an organizational unit of the District and provides distinct services to serve CVWD customers. Department sections include an organization chart, a description of the function of each division within the department, applicable workload measures and metrics, accomplishments for fiscal year 2024, and goals for fiscal year 2025. Goals and accomplishments related to the Strategic Plan are listed where applicable. Each section includes a financial trend summary detailing department expenses.

Operating expenses are controlled at the department level and are managed within the adopted appropriations limit. If the transfer is within the same fund, budget transfers within a department may be made administratively. Budget amendments between funds or increases to the budget are brought to the Board for approval.

Departments and specific non-departmental expenses are grouped into three distinct sections: Support Services, Operations and Maintenance, and Non-Departmental. The majority of CVWD's departments are grouped in the Support Services section and provide overall administration and services to support the District. The Operations and Maintenance section includes the Operations, Maintenance, and Motorpool Departments, which the Assistant General Manager manages as a functional group. The Non-Departmental section includes expenses that may be managed by a particular department but are separated from department expense budgets to provide clarity.



CVWD Project WET Workshop

BUDGET BY DEPARTMENT

Expenses by Department	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
<u>Support Services</u>						
Administration	\$ 9,893,819	\$ 10,691,089	\$ 11,022,540	\$ 11,690,705	\$ 668,165	6.1%
Engineering	12,492,273	17,487,953	20,513,319	17,179,161	(3,334,158)	-16.3%
Environmental Services	8,900,361	8,674,921	8,636,955	9,328,216	691,261	8.0%
Finance	5,649,508	5,256,391	6,454,127	6,776,700	322,573	5.0%
Human Resources	8,412,366	10,420,689	11,446,178	10,867,980	(578,198)	-5.1%
Information Systems	6,669,660	7,879,885	7,571,769	8,354,009	782,240	10.3%
Public Affairs & Customer Experience	26,991,052	19,607,442	22,189,857	19,696,440	(2,493,417)	-11.2%
Total Support Services	\$ 79,009,039	\$ 80,018,369	\$ 87,834,745	\$ 83,893,211	\$ (3,941,534)	-4.5%
<u>Operations and Maintenance</u>						
Operations & Maintenance	\$ 102,632,792	\$ 109,569,567	\$ 106,062,723	\$ 111,141,203	\$ 5,078,480	4.8%
Motorpool	4,658,975	5,187,070	4,938,739	4,785,725	(153,014)	-3.1%
Total Operations and Maintenance	\$ 107,291,767	\$ 114,756,638	\$ 111,001,462	\$ 115,926,928	\$ 4,925,466	4.4%
<u>Non-Departmental</u>						
Dental Self-Insurance	\$ 436,592	\$ 388,698	\$ 500,900	\$ 431,000	\$ (69,900)	-14.0%
QSA Mitigation Costs	2,706,745	3,285,204	3,285,205	-	(3,285,205)	-100.0%
Replenishment	13,068,044	13,271,960	14,016,530	13,793,714	(222,816)	-1.6%
Water Purchases	82,666,190	95,001,623	123,472,865	110,861,673	(12,611,192)	-10.2%
Workers' Comp	1,216,539	1,314,170	1,300,000	1,410,000	110,000	8.5%
Other Non-Departmental Charges	1,339,113	1,243,896	1,470,915	2,695,000	1,224,085	83.2%
Capitalized Labor	(3,597,769)	(3,347,365)	(4,168,746)	(4,395,440)	(226,694)	5.4%
Total Non-Departmental	\$ 97,835,455	\$ 111,158,186	\$ 139,877,669	\$ 124,795,947	\$ (15,081,722)	-10.8%
Total	\$ 284,136,261	\$ 305,933,193	\$ 338,713,876	\$ 324,616,086	\$ (14,097,790)	-4.2%

⁽¹⁾ Unaudited

COST ALLOCATION

The District is a multifaceted entity, with eight enterprise funds or business units sharing a common workforce. With the exception of Operations, each department performs services that benefit all enterprise funds.

Maintaining an internal cost allocation structure is a detailed and involved activity, and CVWD utilizes a cost allocation methodology that systematically charges costs to the appropriate funds. During budget preparation, each department estimates time spent in each enterprise or activity to determine an appropriate allocation of salaries and benefits. Estimates are typically based on work order history, help desk tickets, or some other quantitative method when data is available. In addition, each department examines the remaining expenses for each division and determines an appropriate allocation for those expenses. In the event an expense or activity is directly attributable to just one enterprise, those expenses are budgeted and expensed directly to the enterprise fund receiving benefit and not based upon an allocation.

For example, the Domestic Operations Maintenance Division only performs services for the Domestic Water Fund; therefore, its expenses are charged directly to that fund. In contrast, the Safety Division of Human Resources performs services for all of the enterprise funds; therefore, expenses for Safety are distributed to all funds based upon the average distribution of the entire workforce.

Expenses for each department are allocated to the appropriate fund based on the services provided. The following table illustrates how department expenses are allocated to each fund.

Fund Allocation by Department									
Department	Domestic	Canal	Replenishment	SWP	Sanitation	Stormwater	Motorpool	Self-Insurance	Total
Administration	2.2%	13.7%	12.1%	70.0%	1.3%	0.7%	0.0%	-	100.0%
Engineering	29.8%	13.4%	9.2%	-	28.8%	18.9%	-	-	100.0%
Environmental Services	30.3%	16.3%	19.3%	-	26.8%	7.2%	0.0%	-	100.0%
Finance	34.8%	16.1%	10.7%	0.9%	21.8%	11.1%	4.7%	-	100.0%
Human Resources	38.3%	10.1%	4.7%	-	22.7%	8.8%	0.8%	14.5%	100.0%
Information Systems	39.7%	15.6%	11.3%	-	26.0%	5.9%	1.5%	-	100.0%
Public Affairs & Customer Experience	82.4%	7.1%	5.2%	0.2%	3.9%	1.2%	-	-	100.0%
Operations & Maintenance	53.1%	12.8%	4.1%	-	25.4%	4.5%	0.3%	-	100.0%
Motorpool	0.5%	0.1%	0.0%	-	0.6%	-	98.7%	-	100.0%
Other Non-Departmental	35.0%	20.0%	10.0%	-	25.0%	10.0%	-	-	100.0%

SALARIES & BENEFITS

The personnel budget reflects 570 full-time equivalent (FTE) positions, with one additional position added in fiscal year 2024. Total payroll and related costs net of capitalized labor are budgeted at \$104.2 million, an increase of \$5.7 million or 5.8% compared to the fiscal year 2024 Budget. Capitalized labor, or labor costs that are eligible to be capitalized under the District’s Capital Improvement Plan are included in the department salaries and benefits budget but removed at the fund level since they are included within the Capital Improvement Budget.

The following table depicts a five-year history of the budgeted number of positions by Department for fiscal years 2021 through 2025.

Personnel Summary by Department					
Department	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget	FY 2024 Budget	FY 2025 Budget
Administration	18	18	18	19	18
Engineering	54	53.5	53.5	53.5	56
Environmental Services	28.5	29	30	30	28
Finance	29	29	29	29	29.5
Human Resources	11.5	11.5	12.5	12.5	12.5
Information Systems	17	17	18	18	20
Public Affairs & Customer Experience	81	81	79	79	77
Operations & Maintenance	312	312	311	311	311
Motorpool	18	18	18	18	18
Total	569	569	569	570	570

The District has two bargaining units operating under multi-year Memoranda of Understanding (MOU):

Association of Supervisory Support Evaluation Team (ASSET) – Expires December 31, 2026

Coachella Valley Water District Employees Association (CVWDEA) – Expires December 31, 2025

Bargaining unit MOUs provide for an annual Cost of Living Adjustment (COLA), based on the actual Riverside, San Bernardino, Ontario Consumer Price Index-U with a minimum of two (2%) and a maximum of five (5%) percent for FY 2025. Unrepresented staff follow the District’s Defined Benefit and Contribution Plan (DBCP), which the Board first adopted in January 2023. The DBCP allows for consistency in the application of compensation and benefits as authorized by the Board for unrepresented staff.

MEDICAL BENEFITS

The District offers four medical plans to eligible employees – one health maintenance organization (HMO) plan, one preferred provider organization (PPO) plan, one High Deductible Health Plan (HDHP), and one other medical plan (EPO, HMO, POS, or PPO). All employee medical plans are cost-sharing plans. Employee contributions are based on either bargaining unit agreements or the DBCP. The adjacent table depicts the employer and employee contribution percentages. Medical and vision plans are fully insured, while dental plans are self-insured.

Medical/Dental/Vision Premium Contribution Split		
Type	Employer	Employee
<u>Bargaining Unit</u>		
ASSET	75%	25%
CVWDEA	80%	20%
<u>DBCP (Non-Rep)</u>		
Category 1	75%	25%
Category 2	75%	25%
Category 3	80%	20%

CALIFORNIA PUBLIC EMPLOYEE RETIREMENT SYSTEM (CALPERS)

The District participates in the CalPERS retirement system, a multiple-employer defined benefit pension plan. In fiscal year 2008, the District contracted for the 2.5% @ 55 retirement formula, with all employees hired before January 1, 2013 defined as Classic Members. The Public Employees’ Pension Reform Act (PEPRA) went into effect on January 1, 2013, with a retirement formula of 2% @ 62. All employees hired after December 31, 2012, and not a prior Classic Member of CalPERS are covered under the PEPRA retirement formula.

The following table depicts employer and employee contributions based on the participant’s hire date. Classic Member participants are required to contribute up to 8% of their annual covered salary, and PEPRA members will contribute 7.75% in fiscal year 2025.

FY 2025 CalPERS Contribution Split						
Member Type	Hire Date	Retirement Formula	Employer Normal Cost Distribution	Implied Employer Unfunded Liability Contribution ⁽¹⁾	Employee Contribution	Combined Contribution
Classic	Before 01/01/13	2.5% @ 55	10.800%	27.800%	8.000%	46.600%
PEPRA	After 12/31/12 ⁽²⁾	2% @ 62	10.800%	27.800%	7.750%	46.350%

⁽¹⁾ Employer Unfunded Liability Contribution of \$17.9 million expressed as a percentage for comparison purposes.

⁽²⁾ Employees who were not previous members of CalPERS.

In fiscal year 2018, CalPERS began collecting employer contributions toward the plan’s unfunded liability as dollar amounts instead of a percentage of payroll. This was done to avoid possible funding issues that could arise from a declining payroll or a reduction in the number of active members in the plan. The plan’s normal contribution continues to be collected as a percentage of payroll. The District’s UAL payment for fiscal year 2025 is \$17.9 million.

RETIREE BENEFITS/OTHER POST-EMPLOYMENT BENEFITS (OPEB)

The District offers post-employment medical benefits, with benefits and employee/employer contributions based on years of service, hire date, and date of retirement. CVWD provides 100% coverage of retiree medical for all employees who have met the years of service requirement and retired prior to July 1, 2015. The coverage will continue for the retiree, their spouse or registered domestic partner, and their eligible dependents until they become eligible for Medicare benefits.

Historically, benefits were funded on a pay-as-you-go basis. In fiscal year 2014, the District established an OPEB Trust Fund to reduce the actuarial accrued OPEB liability and deposited \$10 million. An additional \$10 million was deposited in fiscal year 2015. As a part of the annual budget process, the District reviews the actuarial liability to determine if future trust payments are needed. Annual OPEB costs are calculated based on the employer’s annual required contribution (ARC), an amount actuarially determined in accordance with the parameters of GASB Statements 74 and 75. ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal expenses each year and to amortize any unfunded actuarial liabilities over a period not to exceed 30 years.

WORKERS’ COMPENSATION

The District utilizes a self-insurance program for workers’ compensation claims. In order to limit the District’s loss exposure, CVWD purchases excess insurance coverage through a commercial insurer. This program is accounted for in the Workers’ Compensation Self-Insurance Fund.

The rate is reviewed annually as a part of the budget process. It is assessed on gross salaries to provide revenue to pay current claims and an established accrued liability to cover any outstanding claims. The District conducts an actuarial valuation every three (3) years, with the most recent valuation completed in June 2024. The actuarial valuation reflected an increase in estimated outstanding losses as well as an increase in received claims and projected ultimate losses.

ADMINISTRATION



General Manager			
Jim Barrett			
Assistant General Manager	3	Clerk of the Board	6
Assistant General Manager	1	Clerk of the Board	1
Executive Program Administrator	1	Executive Assistant	1
Financial Analyst	1	Deputy Clerk of the Board	1
Assistant General Manager	1	Administrative Legal Clerk	1
Assistant General Manager, Operations and Maintenance	1	Administrative Assistant	2
		Administrative Services	7
		Records Program Manager	1
		Records Specialist	1
		Office Assistant II	3
		Office Assistant I	2
Total FTE			
18			

DEPARTMENT DESCRIPTION

Administration is responsible for adhering to and implementing policies of the elected five-member Board of Directors (Board). Administration is made up of three divisions: Executive Staff, Clerk of the Board, and Administrative Services.

Mission

To ensure that CVWD’s adopted mission statement and Board directions and policies are followed in a consistent manner throughout the organization.

DIVISION DESCRIPTIONS

Executive Staff

This division consists of five full-time positions; the General Manager, who is selected by and reports directly to the Board, an Assistant General Manager, an Assistant General Manager for Operations & Maintenance, and the Clerk of the Board who all report to the General Manager. The Executive Staff is responsible for maintaining effective and timely communications between the Board and the District’s departments, with a particular focus on the following functions and activities:

General Manager

Provides daily oversight, direction, leadership, and management to District personnel in regards to:

- Policies
- Strategic initiatives
- Assets and resources
- Administrative, operational, and functional activities of Coachella Valley Water District
- Adheres to and implements policies of the elected five-member Board of Directors
- Prioritizes items that require Board authorization and approval

Assists staff in the development and conduct of consistent practices.

Integrates the Strategic Plan.

Monitoring performance efforts and decision-making processes.

Creates accountability and transparency within the District.

Assistant General Manager

Principal representative in all matters related to the District's sources of existing and future imported water (including management and negotiations).

- Water is used directly for irrigation and groundwater replenishment purposes and is critical to the overall stability and sustainability of the Coachella Valley.
- Sources include State Water Project water (contracted through the State of California) and Colorado River Water (contracted through the Federal Government).

Additional responsibilities also include implementing, overseeing, and monitoring the District's annual Strategic Plan, which:

- Helps define and prioritize critical issues to the District's success.
- Was created through collaborative efforts between the CVWD Board and staff.
- Guides the direction of the District by providing a framework for decisions, action plans, and initiatives.

The Assistant General Manager supervises the Executive Program Administrator and Financial Analyst II to assist in the responsibilities above.

Assistant General Manager, Operations & Maintenance

Provides global oversight in all matters related to the operations, maintenance, and repair to eight of CVWD's enterprise funds including Domestic Water, Sanitation (including Non-Potable Water), Stormwater, Canal Water, Replenishment, and Motorpool. Explores opportunities to optimize resource allocation more effectively and efficiently while striving for continuous improvement in performance and levels of service.

Additional responsibilities also include:

- Managing the development and implementation of a comprehensive Asset Management Program.
- Developing and executing operational plans in accordance with fiscal budgets and strategic initiatives.
- Procuring and managing contractors, suppliers, and consultants to support CVWD's multi-layered operations.
- Developing and implementing preventive maintenance programs, departmental reports, and training programs.
- The Assistant General Manager for Operations and Maintenance supervises a team of 329 employees to assist in the responsibilities above.

Clerk of the Board /Administrative Services

The Clerk’s Office is responsible for supporting the Board of Directors, General Manager and Assistant General Manager, ensuring adherence to established policies and procedures, serves as a liaison with other District staff, outside agencies, and the public; serves as the District’s custodian of records, and manages and maintains the District’s Records Management Program. In addition, the Clerk of the Board:

- Prepares, publishes, and distributes the Board of Directors’ Meeting agenda and back-up materials in accordance with legal requirements for public meetings (Govt. Code Section 54950-54962).
- Prepares and maintains official records of Board actions including meeting minutes, resolutions, and ordinances.
- Processes all requests for information pursuant to the California Public Records Act on behalf of the District.
- Supports and coordinates general District elections in accordance with state and local election and campaign financing laws; and administers oath of office to newly elected directors.
- Coordinates the filing of Conflict-of-Interest Statements, Annual Campaign Disclosure Statements, Statement of Facts, and election materials for Board of Director candidates and other filings.
- Records, preserves, researches, and provides for public access to the District’s records.
- Coordinates all travel arrangements for Board members and District personnel.
- Provides photocopy and mailroom services to District departments.
- Greets and receives visitors in Palm Desert and Coachella Administration, and ensures visitors are screened and escorted to their destination.

Administration Department Metrics

Administration Department Workload Measures					
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Clerk of the Board					
District Documents Recorded	152	704	354	516	518
Board/Special Meeting Agendas Compiled	23	26	24	26	28
Board/Special Meeting Minutes Compiled	23	26	23	21	24
General Manager's Report of Activities	12	12	12	12	12
Secretary's Report of Documents Recorded	12	12	12	12	12
General Manager's Report of Authorizations/Executions	12	12	12	12	12
District Travel Requests Processed	170	32	15	8	23
Administration/Board Travel Requests Processed	83	6	45	58	46
Documents Notarized	216	377	468	455	527
Incoming Mail Processed	12,706	8,584	8,289	7,313	7,947
Outgoing Mail Processed	11,683	10,928	11,338	11,844	11,180
Documents Scanned for FileNet Entry	2,057	2,447	2,415	2,571	1,799
Visitors Badges Issued at Reception Counter	1,539	261	680	1,210	1,194
Public Records Act Requests	323	360	409	497	627
Administrative Services					
Calls Answered	69,205	25,080	21,202	14,980	12,295
Incoming Mail Processed	17,252	13,216	12,022	14,191	12,957
Outgoing Mail Processed	20,457	20,257	15,815	19,035	19,477
Documents Processed for FileNet	10,754	9,637	10,384	10,464	15,856
Boxes Destroyed in Accordance with Records Retention	1,000	-	479	249	129
Visitor Badges Issued at Reception Counter	410	186	425	360	488

FISCAL YEAR 2023-24 ACCOMPLISHMENTS

Administration

Continued to advance CVWD's efforts of securing its non-Colorado River imported water supply by securing Board approvals for continued funding through 2024 for new water supply planning projects, including the Delta Conveyance Project (Delta Conveyance) and Sites Reservoir Project (Sites Reservoir).

Continued to promote CVWD's position in imported water supply by holding leadership positions in related organizations, including President of the State Water Contractors and being a Board member on the Delta Conveyance Design and Construction Authority, Delta Conveyance Finance Authority, and the Sites Reservoir Project Reservoir Committee.

Continued to represent CVWD in the Colorado River negotiations on the successor agreement to the 2007 Interim Operating Guidelines.

Engaged in the following activities as part of the efforts to help improve conditions on the Colorado River system:

- Continued to administer replenishment curtailment program (Thomas E. Levy Replenishment Facility Curtailment Program) to conserve up to 35 TAF/year through CY 2025.
- Created a new agricultural water conservation program (Colorado River Water Conservation Program) to conserve up to 10 TAF/year through CY 2026.
- Submitted two applications under the Inflation Reduction Act, Bucket 2, for long-term actions to conserve Colorado River water:

Water Reclamation Plant 4 (WRP 4) Recycled Water Expansion Project

Golf Course Conservation Program

Continued to promote CVWD's voice in the water industry by holding leadership positions on American Water Works Association's (AWWA) Water Utility Council (Vice-chair) and Partnership for Clean Water Program (Steering Committee Chair).

Enhanced CVWD's visibility in the water industry by participation and presentation at various conferences, including the Association of Metropolitan Water Agencies (AMWA), AWWA, and Colorado River Basin Golf and Water Summit.

Operations & Maintenance

Developed and implemented configuration enhancements for the Computerized Maintenance Management System.

Optimized the replenishment of imported water at the Whitewater Groundwater and Palm Desert Replenishment Facilities.

Completed the incorporation of the Preventative Maintenance Program into the Asset Management Program.

Completed the development of a comprehensive Instrumentation Implementation Platform.

Designed and installed an Electric Vehicle Charging System for the Palm Desert Campus.

Clerk of the Board / Administrative Services

Implemented an online portal (NextRequest) automating the District's public records request process.

Implemented an online ethics tracking module (DisclosureDocs) for District officials (Board members).

Implemented a system (Logikcull) to automate the eDiscovery process and support the Clerk's office in

preserving electronic data in response to requests for production in a lawsuit, investigation, or records request.
Destroyed 129 archive boxes and 2,680 electronic documents in accordance with the records retention schedule.
Presented training to District staff on FileNet, the District's repository system.
Provided bulk printing services to District departments amounting to 30,000 pages.
Indexed over 15,000 documents in FileNet, the district's electronic records repository.
Continued the scanning and archiving of the District's historical records.

FISCAL YEAR 2024-25 GOALS

Administration

Preserve CVWD's Colorado River water supply through actively participating in negotiations of drought response planning and operating agreement (2007 Interim Guidelines).
Continue to administer CVWD's Colorado River Water Conservation Programs.
Finalize negotiations with USBR on WRP 4 Recycled Water Expansion Project.
Secure Board approval for continued funding of Delta Conveyance Project.
Continue to preserve CVWD's non-Colorado River water supply interests through active participation in the Delta Conveyance and Sites Reservoir and work with The Metropolitan Water District of Southern California and Desert Water Agency to find opportunities to deliver more water to the service areas.

Operations & Maintenance

Prioritize and implement key recommendations of the Security Vulnerability and Risk Assessment Findings for critical infrastructure sites.
Implement a comprehensive Fleet Management System (Fleetio) to provide better vehicle maintenance scheduling and direct billing capabilities.
Develop and implement a comprehensive Domestic Water Pressure Monitoring Program to identify leaks and other equipment related issues.
Complete the Zero Emission Fleet Study to ensure compliance with the California Air Resource Board.
Develop and implement Microsoft Power Business Intelligence (Power BI) into the Asset Management Program.

Clerk of the Board / Administrative Services

Issue an RFP for a new agenda management system to replace existing Granicus system.
Develop a policy to outline the approval levels and establish guidelines for the adoption, modification and deletion of administrative policies and procedures.
Destroy archive boxes in accordance with the Records Retention Schedule and complete the review and verification of 1,000 archived boxes to ensure conformity with the District's Retention Schedule.
Develop and implement a records management training for District office staff to ensure compliance with the District Records Management Program.
Continue the review, identification and scanning of the District's historical records.

Administration Department	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Expenses by Type						
Salaries and Wages	\$ 2,391,015	\$ 2,564,294	\$ 2,844,913	\$ 3,097,103	\$ 252,190	8.9%
Employee Benefits	1,154,609	1,310,932	1,557,117	1,702,340	145,223	9.3%
Outside Labor	46,876	35,118	-	-	-	-
Professional Development	995,273	105,857	642,083	329,450	(312,633)	-48.7%
Professional Services	3,252,791	3,331,907	3,517,000	3,567,800	50,800	1.4%
Advertising and Media	8,411	9,888	15,000	15,000	-	-
Election Costs	149,247	-	-	60,000	60,000	-
Utilities	6,786	10,931	8,500	9,200	700	8.2%
Materials and Supplies	166,832	97,946	145,000	183,500	38,500	26.6%
Motorpool	37,863	43,847	40,414	39,635	(779)	-1.9%
Contract Services	46,525	176,722	64,000	141,500	77,500	121.1%
Miscellaneous Expense	1,637,591	3,003,648	2,188,513	2,530,177	341,664	15.6%
Capital Outlay	-	-	-	15,000	15,000	-
Total	\$ 9,893,819	\$ 10,691,089	\$ 11,022,540	\$ 11,690,705	\$ 668,165	6.1%
Expenses by Division						
Board of Directors	\$ 140,702	\$ 136,195	\$ 219,600	\$ 219,600	\$ -	-
Board of Secretary	1,141,584	1,129,232	1,226,160	1,496,607	270,447	22.1%
Administration	4,833,072	5,276,021	5,845,061	6,297,084	452,023	7.7%
Records Management	1,025,676	977,121	1,350,123	1,452,868	102,745	7.6%
Colorado River and Other	2,258,928	2,659,059	1,570,430	1,880,978	310,548	19.8%
State Water Project	493,858	513,460	811,166	343,568	(467,598)	-57.6%
Total	\$ 9,893,819	\$ 10,691,089	\$ 11,022,540	\$ 11,690,705	\$ 668,165	6.1%
Expenses by Fund						
Domestic Water	\$ 1,190,829	\$ 1,288,287	\$ 2,499,165	\$ 2,693,668	\$ 194,503	7.8%
Canal Water	4,110,004	4,631,829	3,564,137	4,042,307	478,170	13.4%
West Whitewater Replenishment	2,046,477	1,989,221	787,319	865,348	78,029	9.9%
Mission Creek Replenishment	94,122	130,114	114,052	131,662	17,610	15.4%
East Whitewater Replenishment	340,372	423,416	463,044	520,355	57,311	12.4%
State Water Project	898,226	974,954	1,321,714	958,307	(363,407)	-27.5%
Sanitation	809,029	821,104	1,440,916	1,567,128	126,212	8.8%
Stormwater Fund	390,252	417,571	819,476	898,612	79,136	9.7%
Motor Pool Fund	14,509	14,593	12,717	13,318	601	4.7%
Total	\$ 9,893,819	\$ 10,691,089	\$ 11,022,540	\$ 11,690,705	\$ 668,165	6.1%

⁽¹⁾ Unaudited

Water-Related Costs	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
<u>Water Purchases</u>						
IID CVWD QSA Water	\$ 4,969,628	\$ 3,131,374	\$ 11,498,681	\$ 12,726,896	\$ 1,228,215	10.7%
MWD 15,000 AF Conservation	6,903,236	4,890,000	4,957,500	5,190,000	232,500	4.7%
MWD 35,000 AF Non SWP	1,852,550	2,430,330	2,430,301	2,297,904	(132,397)	-5.4%
Sites Reservoir	1,000,000	1,600,000	1,600,000	400,000	(1,200,000)	-75.0%
GLC/Rosedale (Commodity)	-	5,757,200	5,481,500	-	(5,481,500)	-100.0%
Total Non-SWP Water Purchases	\$ 14,725,414	\$ 17,808,904	\$ 25,967,982	\$ 20,614,800	\$ (5,353,182)	-20.6%
<u>State Water Project Water</u>						
Delta Charge Capital (V)	\$ 5,652,502	\$ 5,373,467	\$ 5,424,049	\$ 5,460,359	\$ 36,310	0.7%
Transportation Capital (F)	10,312,390	10,391,168	10,303,148	11,155,270	852,122	8.3%
Delta Water OMPR (V)	7,699,172	7,276,719	7,342,212	7,163,967	(178,245)	-2.4%
Transportation OMPR (F)	18,600,342	24,414,945	20,614,196	24,084,868	3,470,672	16.8%
Water System Bond Surcharge (F)	527,714	495,745	540,751	463,131	(77,620)	-14.4%
East Branch Bond P&I (F)	4,164,841	3,900,180	3,817,552	4,271,717	454,165	11.9%
Off-Aqueduct Maintenance (V)	9,013	140,014	326,186	242,361	(83,825)	-25.7%
Transportation OMPR (V)	4,554,049	8,694,560	29,337,832	20,733,604	(8,604,228)	-29.3%
Tehachapi 2nd Debt Service (F)	(173)	147	58,697	58,857	160	0.3%
SWP Portion of MWD	9,207,450	8,979,670	8,979,699	9,462,096	482,397	5.4%
Yuba Dry Year	833,269	-	-	213,906	213,906	-
Article 21	2,486,864	-	-	-	-	-
GLC/Rosedale (Transportation)	-	1,003,689	2,437,320	-	(2,437,320)	-100.0%
East Branch Cost Reallocation	-	-	-	1,119,614	1,119,614	-
Storage Exchange Agreement	-	3,085,945	3,085,981	-	(3,085,981)	-100.0%
Total SWP Water Purchases	\$ 64,047,433	\$ 73,756,249	\$ 92,267,623	\$ 84,429,750	\$ (7,837,873)	-8.5%
<u>Other Water-Related Costs</u>						
Canal Water (Interfund Sales)	\$ 3,384,066	\$ 2,873,439	\$ 4,880,964	\$ 5,450,138	\$ 569,174	11.7%
Desert Water Agency Shared Costs	509,277	563,030	356,296	366,985	10,689	3.0%
QSA Mitigation Costs	2,706,745	3,285,204	3,285,205	-	(3,285,205)	-100.0%
	\$ 6,600,088	\$ 6,721,674	\$ 8,522,465	\$ 5,817,123	\$ (2,705,342)	-31.7%
Total Water-Related Costs	\$ 85,372,935	\$ 98,286,827	\$ 126,758,070	\$ 110,861,673	\$ (15,896,397)	-12.5%

⁽¹⁾ Unaudited

ENGINEERING



Director of Engineering			
Carrie Oliphant			
Administration	4	Engineering Services	1
Supervising Management Analyst	1	Engineer Manager	1
Administrative Assistant	2		
Engineering Aide II	1	Construction Inspection	9
		Construction Inspection Supervisor	1
Water Resources	2	Senior Construction Inspector	2
Water Resources Manager	1	O & M Scheduler I	1
Management Analyst	1	Construction Inspector II	2
		Construction Inspector I	3
Stormwater/Irrigation	6		
Engineering Manager	1	Development Services	7
Stormwater Engineer II	2	Engineering Technician Services Supervisor	1
Stormwater Engineer I	1	Engineering Technician II	4
Irrigation Engineer II	1	Engineering Technician I	2
Irrigation Engineer I	1		
		Right-of-Way	3
Domestic Water/General District	9	Engineering Technician Services Supervisor	1
Engineering Manager	1	Engineering Aide I	2
Domestic Engineer II	5		
Domestic Engineer I	3	Survey	6
		Land Survey Supervisor	1
Sanitation/Nonpotable Water/Electrical	8	Land Surveyor Senior	1
Engineering Manager	1	Engineering Technician II	2
Sanitation Engineer II	2	Engineering Aide II	1
Sanitation Engineer I	2	GIS Technician	1
Supervising Electrical Engineer	1		
Electrical Engineer II	1		
Electrical Engineer I	1		
Total FTE			
56			

DEPARTMENT DESCRIPTION

The Engineering Department consists of six divisions: Administration, Stormwater/Irrigation, Domestic Water/General District, Sanitation/Nonpotable Water/Electrical, Water Resources, and Engineering Services (Construction Inspection, Development Services, Right-of-Way, and Survey).

Mission

Provide professional engineering and technical services that ensure long-term comprehensive planning, reliable project design, and quality construction management to meet the water related needs of the Coachella Valley.

Core Values

- Exceptional customer service
- Fair and efficient business practices
- Cost effective, sustainable, and reliable solutions
- Collaboration
- Comprehensive communication
- Commitment
- Accountability
- Integrity

DIVISION DESCRIPTIONS

Each division's primary focus is on the following functions and activities:

Administration

Provides overall management support and leadership to ensure the Engineering Department's mission and goals are accomplished.

Stormwater/Irrigation

Responsible for planning, design, and construction of the District's Irrigation/Drainage and Stormwater facilities.

Performs planning and engineering studies regarding the condition and/or capacity of existing infrastructure.

Administers Riverside County's Ordinance 458 as a part of FEMA's National Flood Insurance Program (NFIP).

In coordination with other CVWD departments, meets with developers and outside engineers to discuss concepts and general requirements for new projects and developments.

Reviews proposed subdivisions to determine compliance with CVWD's Development Design Manual and planned expansions.

Coordinates design, construction, and operation & maintenance activities with the United States Bureau of Reclamation (USBR).

Domestic Water/General District

Responsible for the planning, budgeting, design, and construction of the District's Domestic Water and General District facilities.

Performs planning and engineering studies regarding the condition and/or capacity of existing infrastructure.

Provides project management, engineering, and grant support for the consolidation of private Disadvantaged Community water systems.

In coordination with the other CVWD departments, meets with developers and outside engineers to discuss concepts and general requirements for new projects and developments.

Prepares hydraulic model studies to assist developers with sizing infrastructure for planned development.

Reviews proposed subdivisions to determine compliance with CVWD's Development Design Manual and planned expansions.

Provides support to the Environmental Services Department for the preparation of California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) documents and permits for capital projects.

Develops and implements developer connection fees, including the Water System Backup Facilities Charge (WSBFC).

Sanitation/Nonpotable Water/Electrical

Oversees planning, design, and construction of sanitation, nonpotable water, and electrical facilities.

Develops and implements CVWD's Nonpotable Water and Sanitation System Master Plans.

In coordination with the other CVWD departments, meets with developers and outside engineers to discuss concepts and general requirements for new projects and developments.

Reviews proposed subdivisions to determine compliance with CVWD's Development Design Manual and planned expansions.

Supports Environmental & Water Quality Division regarding California Environmental Quality Act (CEQA), National Environmental Policy Act (NEPA) and permitting issues to ensure compliance with the Safe Drinking Water Act, Clean Water Act, National Pollution Discharge Elimination System permits, and others.

Prepares hydraulic model studies to assist developers with sizing infrastructure for planned development.

Develops and implements developer connection fees, including the Sanitation Capacity Charge (SCC).

Leads and conducts studies in automation and instrumentation control of water reclamation plant processes and initiates treatment performance tests for telemetry systems, electrical systems, process control, and instrumentation components.

Prepares control descriptions, outlining operation, control, and telemetry of treatment processes.

Performs as a lead project manager and construction manager for expansions/renovations of sanitation and nonpotable water facilities, including water reclamation plants, pump stations, pipelines, lift stations, and water treatment facilities, through conceptual scope development, preliminary engineering, design construction, and start-up.

Water Resources

Responsible for long-term water resource planning, including:

Compliance with the Sustainable Groundwater Management Act (SGMA) including monitoring, reporting, and periodic evaluations and updates of the Indio Subbasin Alternative Plan and Mission Creek Subbasin Alternative Plan.

Regional Urban Water Management Plan.

Integrated Regional Water Management/Stormwater Resources (IRWM / SWR) Plan.

Coachella Valley Salt and Nutrient Management Plan (SNMP) monitoring and plan updates.

Other water resources planning and monitoring activities requiring coordination with various partner agencies, tribes, and local stakeholders.

Engineering Services

Provides overall management support and leadership to the following:

CONSTRUCTION INSPECTION

Inspects all Capital Improvement Projects.

Inspects all water/sewer installations for developer projects in the District's service area.

Inspects all single sewer lateral installations.

Inspects all street resurfacing projects to ensure CVWD's valve/manholes are adjusted as part of the process.

Inspects work authorized via Encroachment Permits.

Coordinate receipt of record drawings and asset register upon completion of projects.

DEVELOPMENT SERVICES

- Tracks all new development within the District service area (8 cities, 2 counties).
- Prepares development review letters and developer agreements.
- Coordinates developer meetings.
- Establishes new customer accounts.
- Tracks infrastructure plan submittals.
- Processes developer fees and deposits.
- Provides utility coordination and planning, including management of valve and manhole adjustment contract.
- Performs development plan check and review.

RIGHT-OF-WAY

- Monitors, reviews, and approves activities related to the District’s fee-owned land and easements (managing over 7,000 acres of land and over 3,500 easements).
- Manages and researches District and United States Bureau of Reclamation right-of-way.
- Conveys and acquires right-of-way.
- Processes encroachment permits, noninterference review letters, and leases.
- Supports Development Services and Survey in review of development packages.

SURVEY/GIS/MAPPING

- Provides office and field survey support to all District departments.
- Stakes existing utilities and easements.
- Performs topographic and boundary surveys.
- Reviews tract and parcel maps.
- Reviews and prepares legal descriptions and plat depictions.
- Prepares record of surveys.
- Prepares exhibits and plans using AutoCAD/Civil 3D and Geographic Information System (GIS).
- Responsible for Infrastructure mapping of District facilities, record drawing management and updating the GIS As-Built Viewer.
- Updates GIS with new infrastructure installed by Developers and Capital Improvement Projects.
- Coordinates with other departments to add infrastructure to GIS as part of the Asset Management/NEXGEN/ work order process.

Capital Projects Budget vs. Spend						
		FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Amended Budget	\$	127,250,000	\$ 103,777,000	\$ 143,072,123	\$ 135,617,442	\$ 121,031,254
Actual Spend		116,082,000	96,355,214	131,234,137	111,479,948	94,650,738
% of Budget		91.2%	92.8%	91.7%	82.2%	78.2%

Engineering Metrics

Engineering Workload Measures	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Administration					
Engineering Letters Processed	807	931	1,154	983	2,122
Environmental Services Letters Processed	147	75	277	207	684
Bids Processed	22	41	18	23	14
Documents Routed for Electronic Signature	-	1,459	1,420	1,096	884
Stormwater/Irrigation					
Achieved a minimum of 70% CIP Execution Rate	Yes	Yes	Yes	Yes	Yes
Processed a minimum 90% of Development Review Letters within 2 Weeks	Yes	Yes	Yes	Yes	Yes
Processed a minimum 90% of Hydraulics and Hydrology Requests within 4 Weeks	Yes	Yes	Yes	Yes	No
Elevation Certificates Processed	104	81	45	25	22
Flood Management Reviews Processed	60	5	17	28	32
Development Review Letters Processed	158	66	72	73	57
Developer Meetings Attended	141	82	139	15	97
Number of Installation Agreements	10	2	3	-	4
Encroachment Permits/Noninterference Review Letters (NIRLs) Reviewed	76	16	17	25	56
Change Orders	18	13	30	31	67
Domestic Water/General District					
Achieved a minimum of 70% CIP Execution Rate	Yes	Yes	Yes	Yes	Yes
Processed a minimum 90% of Development Review Letters within 2 Weeks	Yes	Yes	Yes	Yes	Yes
Processed a minimum 90% of Water Meter Sizing Requests within 1 Week	Yes	Yes	No	No	No
Change Orders	67	60	26	11	37
Customer Phone Calls	284	183	113	179	173
Development Review Letters	55	66	72	73	57
Hydraulic Models, Trench Calculations, Water Meter Sizing	865	556	978	602	322
Developer Meetings Attended	67	93	96	123	155
Support Meetings with Other Departments	118	148	164	226	296
Other Meetings Attended	228	469	1,175	556	930
Board Action Items	21	21	17	25	17
Sanitation/Nonpotable Water/Electrical					
Achieved a minimum of 70% CIP Execution Rate	Yes	Yes	Yes	No	Yes
Processed a minimum 90% of Development Review Letters within 2 Weeks	Yes	Yes	Yes	Yes	Yes
Developer Plan Reviews Received	43	66	72	73	57
Developer Meetings Attended	37	33	30	37	35
Right-of-Way Reviews	66	23	51	40	70
Hydraulic Models Assigned	21	20	30	19	22
Trench Calculations Assigned	29	25	37	16	19
Sanitation - Submittals Received	529	139	67	34	105
Sanitation - Requests for Information	232	163	52	4	33
Sanitation - Change Orders	82	54	18	4	16
Nonpotable Water - Submittals Received	12	56	158	132	137
Nonpotable Water - Requests for Information	8	15	107	145	91
Nonpotable Water - Change Orders	5	1	51	22	30
Electrical - Sanitation/Nonpotable Water Submittals Reviewed	194	146	50	49	105
Electrical - Domestic Water Submittals Reviewed	40	117	36	36	72
Electrical - Stormwater/Irrigation Submittals Reviewed	17	59	82	27	33
Electrical - General District Submittals Reviewed	3	32	1	8	17
Electrical - Sanitation/Nonpotable Water Inspections	139	110	119	35	56
Electrical - Domestic Water Inspections	37	55	28	17	10
Electrical - Stormwater/Irrigation Inspections	139	9	5	7	52
Electrical - General District Inspections	1	25	42	2	3
Electrical - Requests for Information - Sanitation/Nonpotable Water	126	82	34	22	33
Electrical - Requests for Information - Domestic Water	27	55	8	8	2
Electrical - Requests for Information - Stormwater/Irrigation/Canal	2	12	17	5	7
Electrical - Requests for Information - General District	2	-	2	-	17
Electrical - Utility Coordination	197	237	231	1	258
Water Resources					
Short-Term Water Supply Adequacy	100%	100%	100%	100%	100%
Long-Term Water Supply Adequacy	100%	100%	100%	100%	100%
SGMA Wells above Minimum Thresholds - Indio Subbasin	100%	100%	100%	100%	100%
SGMA Wells above Minimum Thresholds - Mission Creek Subbasin	-	-	-	100%	100%

Engineering Workload Measures	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Engineering Services					
Construction Inspection					
Customer Contacts Walk-Ins/Phone Calls/Emails	14,483	15,879	15,181	16,699	14,919
Pre Cons Attended	78	93	81	89	78
Tract Inspections	110	135	101	3,360	106
CIP Inspections	53	27	33	1,920	30
Existing Facilities Inspections	46	37	45	31	26
Single Sewer Laterals Inspections & Sewer Video Tract Inspections	32	31	45	33	38
Development Services					
Produce a Minimum 90% of Cost Notification for Service Invoices within 10 Business Days of Receipt	Yes	No	No	No	No
Approved a minimum 90% of Landscape Plans within 7 - 10 Business Days	Yes	Yes	Yes	Yes	Yes
Process Development Review Letters within 7-10 business days	Yes	Yes	Yes	Yes	Yes
Landscape Plans approved	124	163	239	169	126
Additional Water Meters Installed	755	1,063	1,418	1,232	645
Domestic and Sanitation Cost Notifications	966	1,202	1,691	1,369	860
Plans Released	18	35	55	44	46
Customer Contacts Phone Calls/Emails	25,792	30,496	35,308	55,625	67,980
Customers at Counter	1,327	128	610	814	800
Development Meetings	85	83	69	95	102
Development Security Deposit Processed	21	27	29	12	16
Plan Checks (1st, 2nd, 3rd Checks)	114	426	403	301	311
Customer Contact	2,979	1,893	2,010	1,910	1,810
Correspondence	5,006	3,010	3,892	15,256	10,517
Phone Calls	1,360	591	720	520	480
Right-of-Way (ROW)					
Percent of Right-of-Way Permit Requests Processed Within 30 Days of Receipt of a Complete Submittal	100	100	100	100	100
Walk-in Customers	49	-	17	15	13
Research Requests/Initial Inquiries	4,284	3,447	5,080	3,546	3,668
Issuance of ROW Numbers for ROW Docs	484	651	278	137	135
Issuance of ROW Numbers for Others	192	390	394	157	34
New Permits/Noninterference Review Letters (NIRLs)	95	211	152	121	112
Permit Extensions	71	185	82	51	60
CIB Projects	53	73	26	21	15
Developer Meetings Attended	83	29	46	69	56
Developer Acquisitions/Conveyances	33	62	37	33	38
Encroachments	4	8	11	11	9
Vacation Requests	3	2	9	4	2
Leases Researched	23	11	9	4	2
Bureau of Land Management/Bureau of Indian Affairs Rights	5	5	3	4	1
United States Bureau of Reclamation (USBR) Processes	14	34	15	15	7
ROW Acquisitions/Conveyances	39	100	40	44	42
Land Sale Requests	11	14	21	19	36
Tax Default Parcels Researched	7	8	4	3	5
Survey					
Percent of Requests for Field Survey Processed within 3 Days of Receipt	100	100	100	100	100
Completed Reviews of Maps/Easements	38	31	29	22	25
Legal and Plats Reviewed	221	193	85	113	126
Exhibit A Legals Written	112	219	198	309	175
Staking Plans/Survey Processing Projects	405	494	407	372	390
Plotting Requests	13	22	23	12	35
Internal Easement Legal and Plats Completed	65	62	55	27	84
Meetings/Training Sessions Attended	237	189	220	309	336
Requests for Information/Research/Material	304	399	355	375	378
Preliminary Title Reports Reviewed	93	104	27	30	44
CIP Computer-Aided Design (CAD) Hours	401	620	1,734	-	-
Board Agenda Item Maps	176	338	296	652	471
Plat Updates	336	412	456	218	-
Process Plat Update Requests within 5 Business Days	Yes	Yes	Yes	Yes	Yes
GIS Viewer Updates Hours	-	199	579	1,640	2,937

FISCAL YEAR 2023-24 ACCOMPLISHMENTS

Strategic Plan

- SG 2.3** Prepared a study to review converting Cl2 to UV disinfection at WRP 10.
- SG 2.4** Analyzed the possibility of rehabilitating Well 5662-1 as an alternative to re-drilling a new well.
- SG 3.7** Conducted a feasibility study of implementing groundwater reuse and recharge in-lieu of expanding CVWD's nonpotable water (NPW) system.
- SG 4.9** Issued a Request for Proposals for a Pipe Condition Assessment Pilot Study in Sun City Palm Desert.

Administration

Processed a minimum 90% of tasks orders within 5 business days.

Stormwater/Irrigation

- Achieved a minimum 75% CIP execution rate.
- Achieved an average 5% or less for change orders as a % of project total.
- Achieved a turnaround time of 2 weeks or less for a minimum of 90% of development review letters.
- Achieved a turnaround time of 2 weeks or less for a minimum of 90% of new irrigation water service requests.
- Maintained an average turnaround time of 3 weeks or less for a minimum of 90% of Riverside County flood management reviews.
- Achieved an average turnaround time of 4 weeks or less for a minimum of 90% of developer plan reviews.
- Completed the Mid-Canal Storage Project.
- Completed the Coachella Canal Emergency Repairs.
- Completed the Johnson Street Drain Improvement Project.
- Completed the Coachella Valley Stormwater Channel Improvements – Ave 54 to Thermal Drop Structure Project.
- Completed the Oasis In-Lieu Recharge Phase 2 Project.

Domestic Water/General District

- Achieved a minimum 75% CIP execution rate.
- Achieved an average 5% or less for change orders as a % of project total.
- Maintained a turnaround time of 2 weeks or less for a minimum of 90% of development review letters.
- Achieved a turnaround time of 2 weeks or less for a minimum of 90% of fire flow analysis requests.
- Maintained a turnaround time of 2 weeks or less for a minimum of 90% of trench review requests.
- Completed the Reservoir 3570-1 Project (constructed as part of the Verano Development).
- Completed the Hydro-pneumatic/Surge Tank Replacement Program – Phase 2 Project.
- Completed the Via De Anza Water Main Replacement – Phase 2 and Phase 3 Projects.
- Completed the Adams Street Water Main Replacement Project Phase 1 Project.
- Completed warranty work for Reservoirs 4602-2, 4606-2, and 4605-2.
- Completed 100% design of the Reservoir 4711-3 and -4 Project.
- Completed 100% Contract Documents for Well No. 4530-1 Drilling (to be constructed for Cotino Development).
- Completed the Local Hazard Mitigation Plan 2024 Update.

Completed the Palm Desert Operations Parking Rehabilitation, Phase 2 Project.
 Completed 100% design of the Palm Desert Operations Parking Rehabilitation, Phase 3 Project.
 Completed the Salt and Nutrient Management Plan Monitoring Wells – Phase 2 Project.
 Completed the SCADA Master Plan and System Replacement Project.
 Completed the SRAB Board Room Audio and Video Upgrade Project.
 Completed the Palm Desert Demonstration Garden.

Sanitation/Nonpotable Water/Electrical

Achieved a minimum 75% CIP execution rate.
 Maintained a turnaround time of 2 weeks or less for a minimum of 90% of development review letters.
 Achieved a turnaround time of 3 weeks or less for a minimum of 90% of trench review requests.
 Completed the WRP 7 – Process Optimization Project.
 Completed the Sewer Manhole Rehabilitation for Palm Desert and Thousand Palms.
 Completed the Varner Road Trunk Sewer – Pavement Repair Work.
 Completed the Monroe Trunk Sewer Project.
 Completed the Oasis Country Club NPW Pipeline Connection.
 Completed the Woodhaven Country Club NPW Pipeline Connection.
 Completed the Palm Desert Resort NPW Pipeline Connection.
 Completed the Bermuda Dunes Country Club NPW Pipeline Connection.
 Completed 100% design of the WRP 7 – Phase 1 Recycled Water Expansion Project.
 Completed 100% design of the Suncrest County Club Connection.
 Completed 100% design of the Tamarisk County Club Connection.
 Completed 100% design of the Jack Ivey Ranch NPW Connection.
 Completed 100% design of the Annenberg (aka Sunnylands) Golf Club Connection.
 Completed 100% design of the Palm Royale Country Club Project.
 Completed 100% design of the Southwest Community Church/Gerald Ford School Project.
 Completed 100% design of the WRP 10 T1 Filter Assessment and Repair Project.
 Completed 100% design of the Lift Station 81-07 and Lift Station 55-12 Odor Control Upgrades.

Water Resources

Received approval from the Department of Water Resources on the first periodic evaluations of the 2022 Indio Subbasin and Mission Creek Subbasin Water Management Plan Updates (2022 Alternative Plan Updates).
 Completed Agricultural Drainage Flow Study identified in the 2022 Indio Subbasin Alternative Plan Update to refine Subbasin characterization and address recommendations in the DWR staff report.
 CVWD participated in the Coachella Valley Regional Water Management Group which secured awards of 3 million dollars in fiscal year 2023-2024 to support local water resources and conservation programs.
 Submitted the Indio Subbasin and Mission Creek Subbasin Annual Reports for Water Year 2022-23 to comply with requirements of SGMA.
 Continued collaborative work with other participating agencies to implement the Development Work Plan to update the Coachella Valley SNMP, including finalizing Technical Memorandum for Task 1 – Characterize TDS/N Mass Loading to the Coachella Valley Groundwater Basin.

Continued collaborative work with other participating agencies to successfully implement the Coachella Valley SNMP Groundwater Monitoring Workplan for year three of triennial monitoring and to fill monitoring data gaps identified in the Workplan.

Engineering Services (Construction Inspection, Development Services, Right-of-Way, and Survey)

Processed requests for Field Survey within 3 days of receipt.

Attained a 5-day processing time for Plat Update requests.

FISCAL YEAR 2024-25 GOALS

Stormwater/Irrigation

Continue to achieve a minimum 75% CIP execution rate.

Achieve an average 5% or less for change orders as a % of project total.

Achieve a turnaround time of 2 weeks or less for a minimum of 90% of development review letters.

Achieve a turnaround time of 2 weeks or less for a minimum of 90% of new irrigation water service requests.

Maintain an average turnaround time of 3 weeks or less for a minimum of 90% of Riverside County flood management reviews.

Achieve an average turnaround time of 4 weeks or less for a minimum of 90% of developer plan reviews.

Domestic Water/General District

Achieve a minimum 75% CIP execution rate.

Achieve an average 5% or less for change orders as a % of project total.

Maintain a turnaround time of 2 weeks or less for a minimum of 90% of development review letters.

Achieve a turnaround time of 4 weeks or less for 90% of hydraulic model requests.

Achieve a turnaround time of 2 weeks or less for a minimum of 90% of fire flow analysis requests.

Maintain a turnaround time of 2 weeks or less for a minimum of 90% of trench review requests.

Continue to process a minimum 90% of water meter sizing requests within 1 week.

Sanitation/Nonpotable Water/Electrical

Achieve a minimum 75% CIP execution rate.

Achieve an average 5% or less for change orders as a % of project total.

Maintain a turnaround time of 2 weeks or less for a minimum of 90% of development review letters.

Achieve a turnaround time of 4 weeks or less for 90% of hydraulic model requests.

Achieve a turnaround time of 3 weeks or less for a minimum of 90% of trench review requests.

Water Resources

Participate in the Coachella Valley Regional Water Management Group with planning partners to secure grant funding for projects and programs that benefit the Coachella Valley Integrated Regional Water Management

Region.

Submit the Indio Subbasin and Mission Creek Subbasin Annual Reports for Water Year 2023-24 to comply with requirements of SGMA.

Work collaboratively with other participating agencies, regional Water Board, and stakeholders to continue implementing the Salt and Nutrient Management Plan (SNMP) Development Work Plan to update the Coachella Valley SNMP.

Work collaboratively with other participating agencies and tribes to implement the Coachella Valley SNMP Groundwater Monitoring Workplan for year one of second triennial monitoring and continue filling monitoring data gaps identified in the Workplan.

Initiate implementation of a new groundwater data management system (DMS) to replace iSeries, improve groundwater data management and reporting, and better align with SGMA DMS requirements.

Implement pipe rig study in support of stannous chloride without filtration in the ID 8 System and complete the update of the 2015 Domestic Water System Source of Supply/Treatment Study.

Engineering Services (Construction Inspection, Development Services, Right-of-Way, Survey, Technical Services)

Process requests for Field Survey within 3 days of receipt.

Achieve a turnaround time of 4 weeks or less for 90% of encroachment permits.

Process the release of Performance Guarantee Deposits within 12 weeks of the warranty period ending.

Continue to update the GIS system and As-Built Viewer as the database of record for assets.

Implement an electronic tracking system (via Masterworks) to monitor the plan checking and developer related submittals.

Engineering Department	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Expenses by Type						
Salaries and Wages	\$ 7,061,037	\$ 7,220,925	\$ 8,061,178	\$ 8,799,833	\$ 738,655	9.2%
Employee Benefits	3,725,866	3,913,244	4,759,180	5,009,890	250,710	5.3%
Professional Development	35,622	15,805	69,645	69,645	-	-
Professional Services	937,604	1,658,482	2,631,100	1,636,000	(995,100)	-37.8%
Utilities	26,223	27,641	24,014	24,254	240	1.0%
Materials and Supplies	37,913	109,022	79,450	78,150	(1,300)	-1.6%
Motorpool	177,453	169,432	196,344	145,020	(51,324)	-26.1%
Contract Services	375,636	4,032,763	4,162,168	956,190	(3,205,978)	-77.0%
Safety	2,647	2,715	3,360	3,360	-	-
Miscellaneous Expense	104,513	337,923	407,200	406,819	(381)	-0.1%
Capital Outlay	7,759	-	119,680	50,000	(69,680)	-58.2%
Total	\$ 12,492,273	\$ 17,487,953	\$ 20,513,319	\$ 17,179,161	\$ (3,334,158)	-16.3%
Expenses by Division						
Administration	\$ 1,966,321	\$ 2,071,478	\$ 2,177,922	\$ 2,302,579	\$ 124,657	5.7%
Water Resources	-	1,071,254	1,690,915	817,064	(873,851)	-51.7%
Stormwater	1,059,601	4,418,434	4,466,065	1,332,072	(3,133,993)	-70.2%
Irrigation	729,261	482,064	1,031,225	1,039,357	8,132	0.8%
Electric Energy	726,776	679,095	803,820	870,313	66,493	8.3%
Domestic Water	1,693,823	1,903,296	2,056,664	2,190,687	134,023	6.5%
Sanitation	1,082,829	1,016,500	1,415,875	1,397,103	(18,772)	-1.3%
Right of Way	596,059	819,928	1,123,583	1,111,776	(11,807)	-1.1%
Survey	1,219,573	1,417,332	1,403,946	1,533,869	129,923	9.3%
Development Services	1,664,192	1,861,669	2,231,178	2,314,760	83,582	3.7%
Inspection	1,753,839	1,746,901	2,112,126	2,269,581	157,455	7.5%
Total	\$ 12,492,273	\$ 17,487,953	\$ 20,513,319	\$ 17,179,161	\$ (3,334,158)	-16.3%
Expenses by Fund						
Domestic Water	\$ 3,845,025	\$ 4,628,257	\$ 4,893,291	\$ 5,116,195	\$ 222,904	4.6%
Canal Water	1,343,068	1,313,840	2,338,213	2,295,213	(43,000)	-1.8%
West Whitewater Replenishment	491,272	929,173	1,566,092	1,030,439	(535,653)	-34.2%
Mission Creek Replenishment	64,347	180,088	244,599	201,667	(42,932)	-17.6%
East Whitewater Replenishment	377,945	458,351	450,235	353,794	(96,441)	-21.4%
Sanitation	3,854,502	4,043,539	4,730,517	4,940,809	210,292	4.4%
Stormwater Fund	2,516,114	5,934,703	6,290,372	3,241,044	(3,049,328)	-48.5%
Total	\$ 12,492,273	\$ 17,487,953	\$ 20,513,319	\$ 17,179,161	\$ (3,334,158)	-16.3%

⁽¹⁾ Unaudited

ENVIRONMENTAL SERVICES



DIVISION DESCRIPTIONS

Environmental Services' primary responsibilities include: water quality, groundwater replenishment monitoring and reporting, biological resource management, environmental assessments and permitting, water management planning, and advocating for water quality and environmental regulations based on good science, with particular focus on the following functions and activities:

Environmental

Ensures District projects and activities are evaluated and comply with local, state, and federal environmental protection requirements such as National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA), the Coachella Valley Multiple Species Habitat Conservation Plan (CVMSHCP), and other applicable regulations and guidelines.

Oversees the biological and cultural resources surveys used in the assessment of project impacts.

Analyzes CVWD projects for avoidance, minimization, and mitigation of environmental impacts.

Develops and implements compliance plans and mitigation monitoring plans for CVWD projects.

Coordinates mitigation requirements and compliance work for project habitat conservation and monitoring plans.

Ensures CVWD facilities, equipment, and operations are permitted according to State guidelines including:

- Backup power generators (air quality).
- CVWD staff training and employee safety (environmental safety).
- Materials storage, disposal, and risk management (hazardous waste).
- Storm Channel maintenance (biological / hydrological).

Works with regulatory agency staff to obtain and satisfy Clean Water Act permits for District facilities and covered activities.

Participates in environmental and biological workgroups and committees focusing on regional environmental challenges (i.e. Salton Sea, Dos Palmas).

Works with outside departments to develop and implement CVWD's Climate Adaption and Action Plan.

Water Quality

Develops water quality monitoring programs for the District's domestic water, wastewater, recycled water, irrigation/drainage, and regional stormwater protection services and implements reporting programs for the same.

Evaluates proposed regulations.

Surveys and tests new water treatment technologies.

Works with regulators and the regulated water community to develop reasonable, beneficial, and cost-effective water quality regulations.

Provides customer service related to water quality including customer requests for information and assistance.

Laboratory

Maintains a state-certified laboratory to perform timely and high-quality sample analysis and reporting needed to determine compliance with water quality regulations.

Implements a Laboratory Information Management System (LIMS) needed to meet state and federal electronic reporting requirements and provides an effective data storage system for performing water quality evaluations.

Provides laboratory analytical services to regulatory agencies (such as Riverside County Department of

Environmental Health), State Small Systems, and private well owners.

Reports drinking water compliance data to State Water Board.

Trains District staff to perform sample collection and water quality analyses.

Monitoring

Implements water-quality monitoring programs for District domestic water, wastewater, recycled water, irrigation/drainage, and regional stormwater protection services.

Performs sample collection services supporting water replenishment.

Performs field sampling and analysis at District facilities, including: domestic water and wastewater treatment plants.

Provides customer service in the field related to water quality, including: visiting customer's residences to provide information and assistance.

Monitors water levels in wells throughout the Coachella Valley to produce reports needed to evaluate water supply conditions and make water management decisions.

Source Control

Evaluates, inspects, and permits commercial use of District wastewater collection and treatment facilities.

Develops and implements programs that enforce sanitation regulations protecting District wastewater collection and treatment facilities.

Evaluates proposed wastewater discharges and supports the assessment of Sanitation Capacity Charges (SCC).

Water Resources

Develops, implements, monitors, and reports District groundwater replenishment and water rights programs.

Works with private well operators to locate and inventory water wells to measure and report groundwater production as part of the District's Replenishment Assessment Charge (RAC) Program.

Administers the following: Artesian Well Rebate Program and State Well Numbering Program.

Coordinates the District's compliance with the State's Sustainable Groundwater Management Act (SGMA).

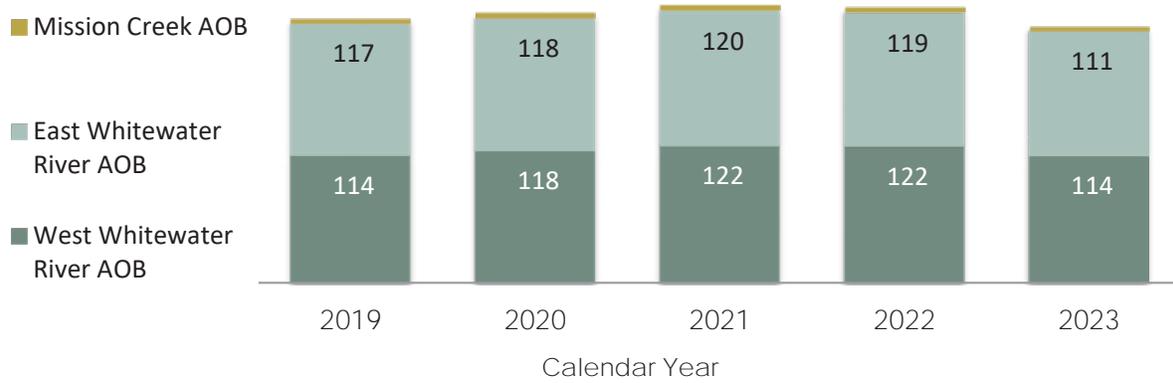
Manages the District's evaluation of expanding groundwater replenishment activities in the mid and east portions of the Coachella Valley.

Manages the District's participation in the Coachella Valley Salt and Nutrient Manage Plan Update and Groundwater Monitoring Program.

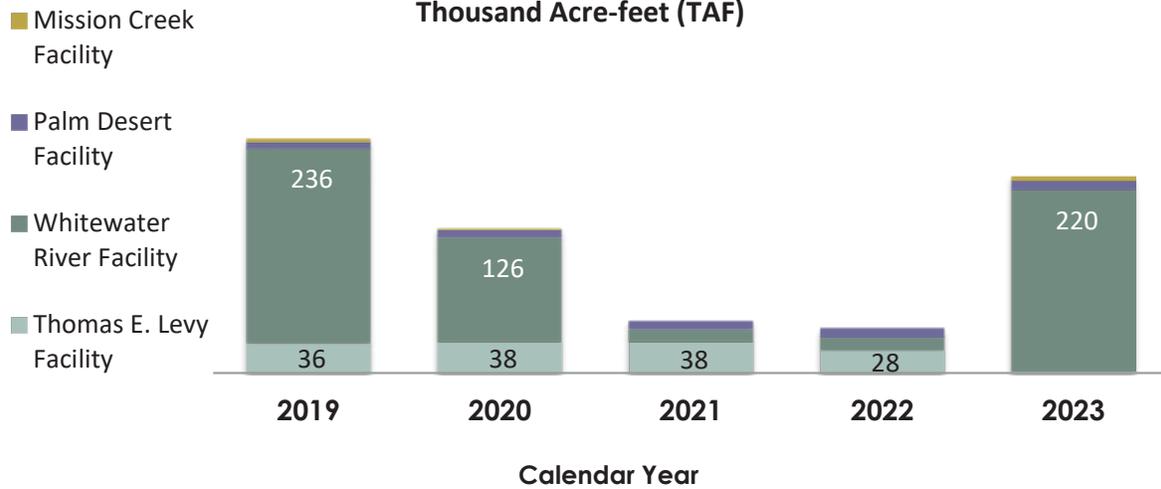
Environmental Services Metrics

Environmental Services' metrics are reflected in calendar year (CY) versus fiscal year (FY) due to existing state reporting requirements. The first graph shows the last five years of groundwater production for the three CVWD Areas of Benefit (AOB), while the second graph depicts water delivered to each replenishment facility.

Groundwater Production by AOB
Thousand Acre-feet (TAF)

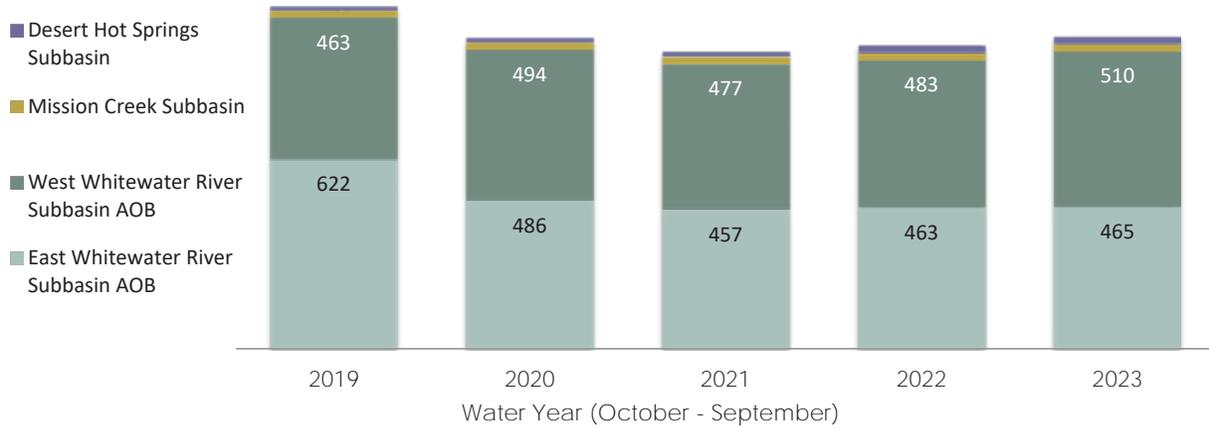


Groundwater Replenishment by Facility
Thousand Acre-feet (TAF)



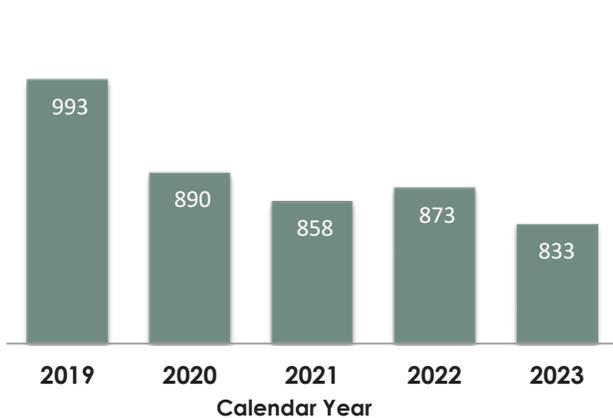
The following graph shows water level measurements for each subbasin in the Coachella Valley over the last five years. Starting in 2019, water level measurements are reported based on the Water Year (October 1-September) as required for annual SGMA reporting.

Groundwater Level Measurement by Subbasin / Area of Benefit
Number of Level Measurements

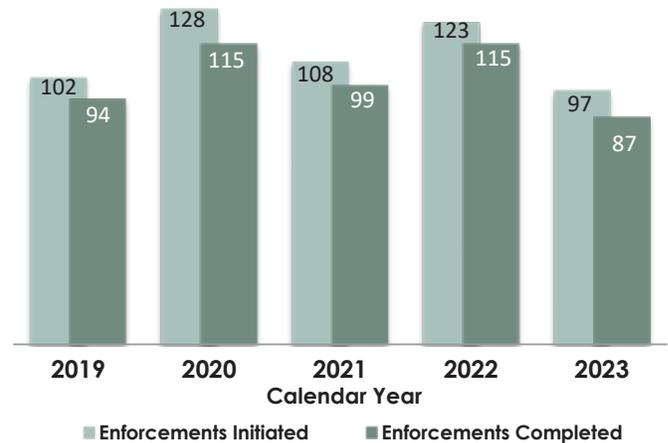


Source Control metrics for inspections and enforcements for the past five calendar years are reflected in the following graphs.

Source Control Inspections



Source Control Enforcement Count



Environmental Services Metrics

Environmental Services Workload Measures					
	CY 2019	CY 2020	CY 2021	CY 2022	CY 2023
Environmental					
Greenhouse Gas Emissions (metric tons)	61,825	61,405	60,030	58,480	56,234
Water Quality					
Taste/Odor Complaints	15	10	17	17	10
Appearance Complaints	27	15	29	16	13
Health Concern Complaints	3	2	8	14	9
Total Complaints	45	27	54	47	32
Drinking Water Compliance Rate - Days in Compliance	100%	100%	100%	100%	100%
Laboratory					
Proficiency Testing Performance	100%	100%	96%	99%	99%
# Total Analyses Completed	10,583	11,412	13,354	11,475	9,924
# of Drinking Water Compliance Analyses Reported Electronically to State		963	1,702	937	990
# of Analyses Completed for Laboratory Analytical Services Customers		401	526	622	906
Source Control					
Commercial Sites Inspected	993	890	858	873	833
% of Sites Out of Compliance	10%	10%	13%	6%	10%
% of Sites Returned to Compliance	92%	90%	92%	93%	89%
Water Resource					
Short-Term Water Supply Adequacy	100%	100%	100%	100%	100%
Long-Term Water Supply Adequacy	100%	100%	100%	100%	100%
Monitoring					
Total Coliform Rule Samples Collected	2,279	2,204	2,088	1,949	1,926
Title 22 Bacteriological Well Samples Collected	378	384	392	391	396
Water Level Readings Performed	1,119	1,017	972	993	1,021

FISCAL YEAR 2023-24 ACCOMPLISHMENTS

Administration

SG 2.2 Develop mitigation credits for infrastructure projects

Environmental

- Obtained two Clean Water Act permits for construction of the Thousand Palms Flood Control Project.
- Completed environmental review for the North Cathedral City Flood Control Project.
- Implemented mitigation monitoring for the Whitewater Groundwater Replenishment Facility Lease Renewal.
- Completed a second environmental review Addendum for the Valley View Domestic Water Consolidation Project.
- Completed an environmental review for the WRP-7 Non-Potable Water Expansion Project.
- Obtained final Clean Water Act permits for the construction of Palm Desert Groundwater Replenishment Facility Phase 2 Project.
- Maintained applicable permitting for air quality compliance on CVWD facilities and equipment.
- Maintained applicable permitting for hazardous materials compliance on CVWD facilities.
- Updated Risk Management Plans for regulated hazardous materials at CVWD Water Reclamation Plants.

Implemented various capital project Habitat Mitigation Monitoring Plans and Nesting Bird Management Plans.
Attended Habitat Plan Resource Management Unit Committee and Biological Workgroup meetings.
Developed CVWD Strategic Plan Goal 2.2: Mitigation Credit for CVWD Infrastructure Projects.

Water Quality

Completed 2023 annual report of systems and consumer confidence report.
Completed annual Environmental Protection Agency Sludge Report.
Completed annual Municipal Separate Storm Sewer System (MS4) Stormwater Report.
Completed comments for proposed changes to MS4 National Pollutant Discharge Elimination System (NPDES) permit.
Completed comments for proposed Water Reclamation Plant No. 10 permit renewal.

Laboratory

Completed onsite assessment of laboratory by third party assessor (TPA) per new State Board Environmental Laboratory Accreditation Program (ELAP) regulations and The NELAC Institute (TNI) 2016 laboratory standards.
Completed amendment application to ELAP to update methods for wastewater analyses per the US EPA's 2021 Method Update Rule (2021 MUR).
Completed and submitted renewal application to ELAP to renew Laboratory certification. Certification renewed to 2026.

Monitoring

Inspected all required service line connections in the Cove system to comply with the Lead and Copper Rule Revision monitoring plan.
Completed triennial monitoring for the Salt and Nutrient Management Plan Groundwater Monitoring Program.
Completed a standard operating procedure for the new Lead and Copper Rule Revision monitoring plan.
Completed trimester water level monitoring in wells throughout the Coachella Valley.
Collected all required samples to maintain compliance with CVWD Domestic and Sanitation permits.

Source Control

Completed the development of the new Source Control Facilities Management database in GIS, which is accessible to Environmental Compliance Inspectors via tablets anywhere at any time; allowing for on-site inspection reports to be completed and emailed to facilities, thus enhancing productivity.
Coordinated with agencies within CVWD's jurisdiction such as: Code Enforcement and Riverside County Department of Environmental Health to ensure all projects receive a final inspection to verify compliance with CVWD's sanitation code, regulations governing sanitation service, and CVWD's pretreatment standards.
Completed 24-hour composite sampling events and established quarterly sampling of gravity fed sewer main lines in support of Water Reclamation Plan #4 (WRP-4).
Created and distributed brochures containing information on "Kitchen Best Management Practices" to food service establishments (FSEs) within CVWD's FOG program.

Water Resources

Completed the annual Engineer's Report on Water Supply and Replenishment Assessment for CVWD's three Areas of Benefit and presented to the CVWD Board of Directors by the May 1, 2024 deadline.

Completed pending and new groundwater production audits within the groundwater management areas.

Continued to survey all parcels in the Indio Subbasin to identify all existing groundwater wells for SGMA Well Registration.

Awarded four separate Artesian Well Rebates totaling \$27,200 to private well owners in Fiscal Year 2023-24.

Implemented the Coachella Valley Salt and Nutrient Management Plan (SNMP) Groundwater Monitoring Program and coordinated with the SNMP agencies to submit the Annual Progress Report to the RWQCB by the March 31, 2024 deadline.

FISCAL YEAR 2024-25 GOALS

Environmental

Obtain Clean Water Act permits for construction of the North Cathedral City Flood Control Project.

Complete a draft environmental review for WRP4 Non-Potable Water Improvements Project.

Complete environmental review for the Thousand Palms Channel Project.

Obtain Final Clean Water Act permits for the Thousand Palms Flood Control Project.

Complete Clean Water Act permit pre-construction compliance for construction of the Palm Desert Groundwater Replenishment Project Phase 2.

Complete Clean Water Act permit pre-construction compliance for the construction of Reservoirs 4711-3&4.

Implement Clean Water Act permit mitigation for the CVSC 54 to Thermal Drop Project.

Implement Clean Water Act permit mitigation for the HWY 86 Domestic Transmission Phase 1 project.

Obtain final Clean Water Act permits for the Cook Street Slope Lining Project.

Complete an environmental review for the HWY 86 Domestic Transmission Project Phases 3 & 4.

Complete an environmental review for the Peirce Street Sewer and Water Project.

Complete an environmental review for the Avenue 76 Water Consolidation Project.

Complete an Environmental Review Addendum for the 2024-2025 Non-Potable Water Connections Project.

Complete a Cultural Resources phase 2 Study for the Avenue 66 Trunk Sewer Project.

Complete Cultural Resources studies for Eastern Coachella Valley priority irrigation line replacements.

Provide environmental services to obtain resource agency work plan approval for created habitat projects for CVWD's permittee responsibility in the Coachella Valley Multiple Species Habitat Conservation Plan.

Maintain applicable permitting for air quality compliance on CVWD facilities and equipment.

Maintain applicable permitting for hazardous materials compliance on CVWD facilities.

Update CVWD's Guidelines for implementing the California Environmental Quality Act.

Implement capital project Habitat Mitigation Monitoring Plans and Nesting Bird Management Plans.

Attend Habitat Plan Resource Management Unit Committee and Biological Workgroup meetings.

Complete remaining environmental mitigation obligations for the Coachella Canal Lining Project.

Implement CVWD Strategic Plan Goal 2.2: Comprehensive Compensatory Mitigation Guidance Planning.

Water Quality

- Complete 2024 annual report of systems and consumer confidence report.
- Complete 2025 Public Health Goal (PHG) Report for Fall 2025 public hearing.
- Complete Lead and Copper Monitoring compliance reports and customer notifications for Cove Community Public Water System.
- Complete annual Environmental Protection Agency Sludge Report.
- Complete annual Municipal Separate Storm Sewer System (MS4) Stormwater Report.
- Complete comments for proposed changes to MS4 National Pollutant Discharge Elimination System (NPDES) permit.

Laboratory

- Complete implementation of Inductively Coupled Plasma – Mass Spectrometry (ICP-MS) instrument for the analysis of dissolved elements in drinking water and non-potable water sources.
- Complete implementation of chemical inventory module in the laboratory's information management system (LIMS).
- Continue implementation of The NELAC Institute (TNI) 2016 standards adopted by regulation and effective on January 1, 2024.
- Complete training of new laboratory staff positions as a result of 1 Chemist retirement in 2024.

Monitoring

- Collect all required samples to maintain compliance with CVWD Domestic and Sanitation permits.
- Collect samples from CVWD prioritized Domestic Wells and the associated points of entry for the Hexavalent Chromium project – Activity 2.
- Complete trimester water level monitoring in wells throughout the Coachella Valley.
- Finalize all service line investigations to comply with the Lead and Copper Rule Revision monitoring plan.
- Complete year one of Salt and Nutrient Management Plan Groundwater Monitoring Program Workplan sampling.

Source Control

- Complete Standard Operating Procedures for each field equipment/instrumentation used by Source Control Staff and continue to provide monitoring support to other Departments.
- Coordinate and collaborate with Collections/Sanitation on this year's sectional audits of the Sanitary Sewer Management Plan (SSMP) pertaining to Source Control.
- Continue implementing the Cooling Tower permitting and reporting program.

Water Resources

- Complete the annual Engineer's Report on Water Supply and Replenishment Assessment for the three Groundwater Replenishment Areas of Benefit by May 1, 2025.
- Complete pending and new groundwater production audits within the groundwater management areas.
- Continue to identify all groundwater wells within CVWD's Groundwater Sustainability Agency boundary and add wells to the SGMA Well Registration GIS Workspace.
- Work collaboratively with other participating agencies to implement the Coachella Valley SNMP Groundwater Monitoring Workplan for year one of the second triennial monitoring.

Environmental Services Department	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Expenses by Type						
Salaries and Wages	\$ 3,233,510	\$ 3,294,827	\$ 3,262,301	\$ 3,277,887	\$ 15,586	0.5%
Employee Benefits	1,671,968	1,882,666	1,975,542	1,862,384	(113,158)	-5.7%
Professional Development	73,304	5,099	113,900	189,825	75,925	66.7%
Professional Services	978,703	218,742	175,000	266,000	91,000	52.0%
Utilities	10,865	14,571	13,660	12,700	(960)	-7.0%
Materials and Supplies	223,890	278,829	196,550	293,450	96,900	49.3%
Motorpool	122,740	135,213	124,214	119,020	(5,194)	-4.2%
Contract Services	604,644	412,665	415,228	706,500	291,272	70.1%
Safety	4,770	5,269	5,250	5,750	500	9.5%
Miscellaneous Expense	1,975,967	2,207,224	2,055,310	2,294,700	239,390	11.6%
Capital Outlay	-	219,816	300,000	300,000	-	-
Total	\$ 8,900,361	\$ 8,674,921	\$ 8,636,955	\$ 9,328,216	\$ 691,261	8.0%
Expenses by Division						
Administration	\$ 1,755,124	\$ 1,642,445	\$ 1,662,496	\$ 1,349,331	\$ (313,165)	-18.8%
Source Control	471,002	464,990	515,603	503,848	(11,755)	-2.3%
Environmental	929,793	1,027,622	907,212	1,295,169	387,957	42.8%
Water Resources	2,273,430	1,241,973	1,197,130	1,307,533	110,403	9.2%
Monitoring	886,034	1,068,897	1,052,989	1,038,029	(14,960)	-1.4%
Water Quality	1,487,675	1,608,070	1,666,880	2,177,219	510,339	30.6%
Laboratory	1,097,303	1,620,924	1,634,645	1,657,087	22,442	1.4%
Total	\$ 8,900,361	\$ 8,674,921	\$ 8,636,955	\$ 9,328,216	\$ 691,261	8.0%
Expenses by Fund						
Domestic Water	\$ 2,383,216	\$ 2,419,068	\$ 2,483,624	\$ 2,827,176	\$ 343,552	13.8%
Canal Water	1,557,359	1,612,430	1,496,391	1,520,221	23,830	1.6%
West Whitewater Replenishment	892,597	703,016	837,476	829,282	(8,194)	-1.0%
Mission Creek Replenishment	307,641	209,474	232,282	281,233	48,951	21.1%
East Whitewater Replenishment	831,839	619,525	728,204	688,056	(40,148)	-5.5%
Sanitation	2,400,058	2,583,006	2,257,174	2,503,867	246,693	10.9%
Stormwater Fund	519,659	517,929	592,606	674,623	82,017	13.8%
Motor Pool Fund	7,992	10,473	9,198	3,758	(5,440)	-59.1%
Total	\$ 8,900,361	\$ 8,674,921	\$ 8,636,955	\$ 9,328,216	\$ 691,261	8.0%

⁽¹⁾ Unaudited



CVWD employee working in CVWD's water quality laboratory

FINANCE



DIVISION DESCRIPTIONS

Each division's primary focus is on the following functions and activities:

Accounting

Prepares monthly and annual financial reports, including the preparation of the Annual Comprehensive Financial Report.

Maintains the general ledger, including account and subsidiary ledger reconciliations in accordance with Generally Accepted Accounting Principles (GAAP) and Government Accounting Standards Board (GASB) requirements.

Manages transactional accounting, financial analysis, and reporting, including payroll preparation and reporting, accounts payable and receivable functions, grant accounting, cash and investments reporting, and cash management.

Ensures that the District meets all Internal Revenue Service, federal, and state agency reporting requirements.

Administers fiscal controls and policies, including monitoring internal controls over all financial transactions.

Budget & Financing

Coordinates, develops, and monitors the District's annual operating and capital improvement budgets, along with preparing and monitoring the five-year forecast.

Develops financial analysis, revenue forecasts, and rates for the Domestic Water, Canal Water, Sanitation, Stormwater, and Replenishment Funds.

Maintains, reconciles, and reports on Capital Improvement Projects (CIP) and Non-CIP Projects.

Develops financial funding plans to support long-term needs.

Administers grant programs, prepares applications, coordinates compliance with other departments and other agencies, and prepares necessary reports.

Administers debt issuance and management programs and post-issuance compliance, prepares applications, coordinates reporting requirements with other departments and other agencies, and prepares necessary reports.

Develops and coordinates the cost of service study process to ensure appropriate rates are set for services.

Oversees special assessment district administration.

Procurement, Contracts, & Warehouse

Assists District personnel in acquiring required goods, services, equipment, and supplies from reliable sources following the District's Procurement Policy.

Ensures a competitive process by publicly soliciting formal bids and requests for proposals for the District.

Receives and inspects goods, equipment, and supplies ordered by District personnel.

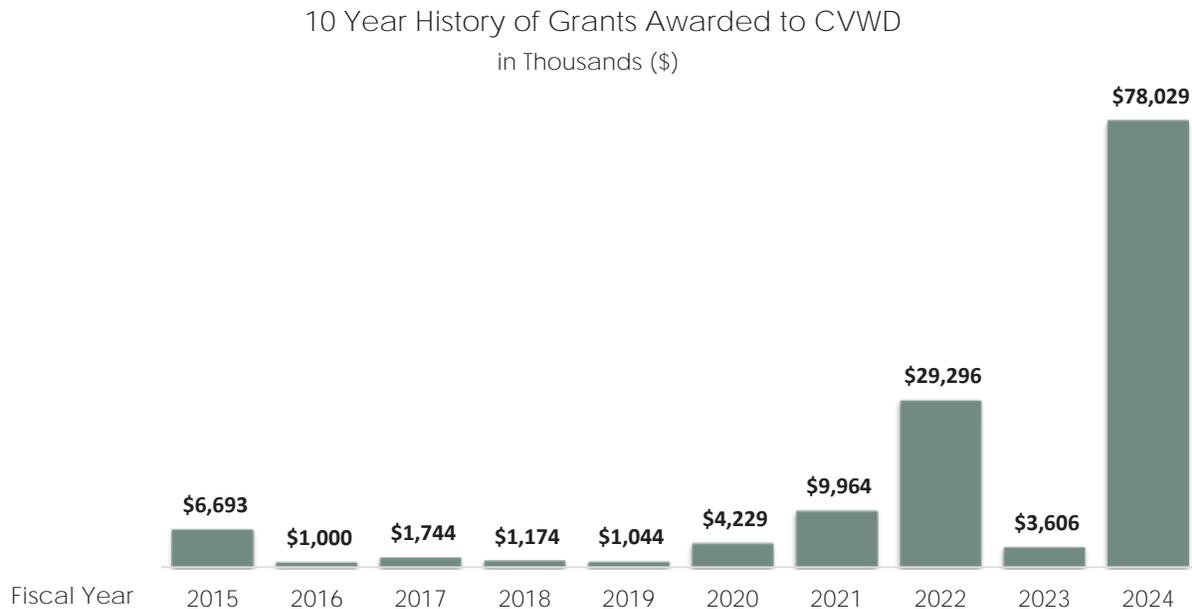
Responsible for inventory controls to ensure supplies are available and ready when needed by District personnel.

Provides mail delivery between CVWD offices in Coachella and Palm Desert, records retrieval, and inventory.

Finance Metrics

Finance Workload Measures					
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Financial Reporting and Analysis					
Complete Cost of Service Studies	-	5 of 5	1 of 1	-	-
Produce Distinguished Budget Document within Deadline Established by GFOA	Yes	Yes	Yes	Yes	Yes
Produce Budget in Brief Document within 90 days of Board Adoption	Yes	Yes	Yes	Yes	Yes
Produce Annual Comprehensive Financial Report by December 31	Yes	Yes	Yes	Yes	Yes
Have Financial Policies and Procedures Available	Yes	Yes	Yes	Yes	Yes
Audit Financial Results and Internal Controls	Yes	Yes	Yes	Yes	Yes
Correct Control Deficiencies and Material Weaknesses from Previous Audits	-	-	-	-	-
Maintain Rate Stabilization Reserves to Sustain Operations During Revenue Fluctuations, in Addition to 60 or 90 Days of Operating Reserves	Yes	Yes	Yes	Yes	Yes
Cash Management					
Average CAMP Interest Rate (%) *	-	-	-	5.04%	5.49%
Average LAIF Interest Rate (%) *	-	-	-	2.93%	3.93%
Average TPIF Interest Rate (%)	1.82%	0.46%	0.41%	2.50%	4.15%
Average Rate of Return on Investments (%)	2.44%	1.61%	1.00%	1.53%	2.67%
Average Investment Portfolio	\$ 417,625,455	\$ 379,063,398	\$ 391,958,730	\$ 569,359,030	\$ 652,333,827
Billing, Collections, and Disbursement					
Average Accounts Receivable	\$ 2,054,669	\$ 3,600,775	\$ 4,801,972	\$ 5,347,540	\$ 4,636,811
Payroll	\$ 53,030,712	\$ 54,894,661	\$ 56,742,194	\$ 59,950,051	\$ 63,370,160
Amount Paid Through Accounts Payable	\$ 191,159,794	\$ 165,654,680	\$ 219,367,497	\$ 244,913,988	\$ 283,541,882
Amount Paid Through Wire Transfers	\$ 112,398,362	\$ 109,669,977	\$ 98,966,217	\$ 70,201,505	\$ 104,820,235
Number of Accounts Payable Checks & EFTs	5,926	7,361	9,552	9,538	8,393
Number of Purchasing Card Transactions	9,793	9,234	8,679	9,121	9,638
Procurement & Contracts					
Amount of Inventory Received	\$ 7,479,171	\$ 7,247,573	\$ 11,837,561	\$ 10,902,025	\$ 12,914,242
Amount of Inventory Issued	\$ 7,016,099	\$ 7,393,881	\$ 9,288,824	\$ 10,752,574	\$ 10,470,108
Incoming Warehouse Transactions	18,053	17,198	14,406	13,681	13,435
Outgoing Warehouse Transactions	93,636	98,040	89,001	92,940	102,295
Number of Competitive Bids and Quotes	277	350	334	307	230
Number of Purchase Orders Issued	3,249	3,333	3,112	3,041	2,966
* California Asset Management Program (CAMP) and Local Agency Investment Fund (LAIF) portfolios added in February 2023					

The graph below depicts the District's grant awards over the past ten years.



FISCAL YEAR 2023-24 ACCOMPLISHMENTS

Accounting

Obtained an Unqualified "Clean" opinion for the fiscal year 2023 audit.

Received GFOA Certificate of Achievement for Excellence in Financial Reporting for the Annual Comprehensive Financial Report for the year ended June 30, 2023.

Published and revised the monthly financial report, allowing other departments to run it at any time.

Budget & Financing

Received approval from the Board for Domestic, Sanitation, and Canal gate and surcharge rate increases that are at or below previously noticed rate increases in order to meet the rising cost of inflation, new debt service, and cost of capital projects while minimizing impacts on customers.

Received the GFOA Distinguished Budget Award for fiscal year beginning July 1, 2023.

Awarded \$23.4 million in State Water Resources Control Board (SWRCB) grant funding for the Saint Anthony Mobile Home Park Water Consolidation Project.

Awarded \$14.2 million in SWRCB grant funding for the Airport Boulevard Sewer Consolidation Project.

Awarded \$12.3 million in Title XVI Water Infrastructure Improvements for the Nation Act (WIIN) funding for water reclamation and reuse projects in the Sanitation fund.

Awarded \$10.7 million in SWRCB grant funding for the Valley View Mobile Home Park Water Consolidation Project.

Awarded \$10.1 million in SWRCB grant funding for the Avenue 66 Trunk Sewer Project.

Awarded \$2.8 million in SWRCB grant funding for the Oasis Gardens Mobile Home Park Septic-to-Sewer Project.

Awarded \$1.5 million in US Bureau of Reclamation WaterSMART Water and Energy Efficiency Grant (WEEG) funding for additional turf conversion projects.

Procurement, Contracts, & Warehouse

Created new solicitation templates to align with best procurement practices for Request for Bids and Request for Proposals.

Remodeled the Palm Desert warehouse to create a more efficient and organized facility, enhancing its ability to better meet CVWD's operational needs.

Adjusted the Coachella and Palm Desert warehouse min/max par levels for efficient ordering and adequate stocking of material availability.

Developed specifications and implemented annual consolidated bulk purchasing of waterworks supplies, resulting in savings of over \$300,000 compared to previous years' expenditures on the same items. This strategy also streamlined operations by eliminating the administrative processing of repetitive low-dollar purchase orders.

FISCAL YEAR 2024-25 GOALS

Strategic Plan

SG 6.14 Develop and implement a comprehensive plan to ensure financial adequacy.

Accounting

Award a contract for the replacement/upgrade of the District's financial Enterprise Resource Planning (ERP) and Utility Billing (UB) systems.

Obtain an Unqualified "Clean" opinion for the fiscal year 2024 audit.

Prepare and publish an Annual Comprehensive Financial Report and receive a GFOA Certificate of Achievement for Excellence in Financial Reporting.

Prepare and submit the State Controller's Annual Transaction Report and Annual Compensation Report.

Budget & Financing

Prepare and publish the fiscal year 2025 Operating and Capital Budget, including a budget in brief document, and receive a GFOA Distinguished Budget Presentation Award.

Review and enhance the fiscal year 2026 budget development process to provide materials for study sessions that focus on fund-specific discussions with the Board rather than separate study sessions for rates, operating expenses and capital. This approach will allow greater focus and ensure the proper amount of time is spent on discussions for each enterprise fund.

Develop additional tools for enhanced grant tracking, forecasting, and expense monitoring to support District departments proactively.

Prepare and submit required grant reports on a quarterly and semi-annual basis.

Compliance monitoring and timely filing of reports and all required disclosures related to debt.

Review and update the Budget, Debt and Grant policy documents.

Support the District ERP and Utility Billing system implementation.

Procurement, Contracts, & Warehouse

Revise the Procurement Policy to better align with procurement best practices and streamlined administrative procedures.

Develop a new Purchasing Manual to support the revised Procurement Policy providing details on the procedures for acquiring materials, services, equipment and public works construction.

Finance Department	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Expenses by Type						
Salaries and Wages	\$ 2,891,082	\$ 2,906,859	\$ 3,248,665	\$ 3,413,229	\$ 164,564	5.1%
Employee Benefits	1,460,500	1,662,967	1,985,847	2,000,688	14,841	0.7%
Outside Labor	173,281	76,833	20,000	20,000	-	-
Professional Development	23,963	26,785	32,900	30,688	(2,212)	-6.7%
Professional Services	922,603	357,665	1,001,000	1,059,700	58,700	5.9%
Utilities	3,138	4,497	4,700	5,100	400	8.5%
Materials and Supplies	47,809	46,738	28,100	25,500	(2,600)	-9.3%
Motorpool	49,073	61,508	55,115	86,795	31,680	57.5%
Contract Services	58,378	26,828	60,800	39,300	(21,500)	-35.4%
Safety	1,985	2,007	-	2,000	2,000	-
Miscellaneous Expense	17,696	25,333	17,000	11,700	(5,300)	-31.2%
Capital Outlay	-	58,372	-	82,000	82,000	-
Total	\$ 5,649,508	\$ 5,256,391	\$ 6,454,127	\$ 6,776,700	\$ 322,573	5.0%
Expenses by Division						
Administration	\$ 1,159,498	\$ 467,101	\$ 711,106	\$ 612,373	\$ (98,733)	-13.9%
Budget and Financing	-	1,196,956	1,699,509	1,726,751	27,242	1.6%
Accounting	2,556,717	1,606,336	1,987,027	2,196,778	209,751	10.6%
Purchasing	906,318	873,197	1,038,238	988,325	(49,913)	-4.8%
Warehouse	1,026,975	1,112,801	1,018,247	1,252,473	234,226	23.0%
Total	\$ 5,649,508	\$ 5,256,391	\$ 6,454,127	\$ 6,776,700	\$ 322,573	5.0%
Expenses by Fund						
Domestic Water	\$ 1,978,348	\$ 1,874,946	\$ 2,207,587	\$ 2,354,911	\$ 147,324	6.7%
Canal Water	845,627	783,812	1,015,788	1,090,136	74,348	7.3%
West Whitewater Replenishment	436,473	317,202	418,343	420,533	2,190	0.5%
Mission Creek Replenishment	18,472	11,736	26,494	25,810	(684)	-2.6%
East Whitewater Replenishment	258,100	207,814	283,010	276,888	(6,122)	-2.2%
State Water Project	14,292	85,466	67,377	63,652	(3,725)	-5.5%
Sanitation	1,099,032	1,122,888	1,390,395	1,477,244	86,849	6.2%
Stormwater Fund	713,697	591,875	740,651	751,424	10,773	1.5%
Motor Pool Fund	285,338	261,850	304,482	316,102	11,620	3.8%
Worker's Compensation	164	(1,246)	-	-	-	-
Self Insurance Dental	(36)	46	-	-	-	-
Total	\$ 5,649,508	\$ 5,256,391	\$ 6,454,127	\$ 6,776,700	\$ 322,573	5.0%

⁽¹⁾ Unaudited



CVWD Welding Workshop

HUMAN RESOURCES



Director of Human Resources			
Scott Hunter			
Human Resources	5.5	Risk Management	3
Human Resources Administrator	2	Risk Manager	1
Sr. Human Resources Analyst	1	Sr. Human Resources Analyst (Risk)	1
Human Resources Analyst	2	Human Resources Analyst (Risk)	1
Human Resources Office Assistant	0.5		
		Safety	3
		Emergency Management & Safety Administrator	1
		Safety & Training Assistant	1
		Safety & Training Specialist	1
		Total FTE	12.5

DEPARTMENT DESCRIPTION

Human Resources provides administrative and operational human resources support to District employees, retirees, directors, and all eligible dependents by providing services in five core areas: human resources, benefits, risk management, safety, and claims.

Mission

The Human Resources department is committed to providing effective customer service to all departments and employees of CVWD. We will actively attract, retain, and develop our workforce to provide quality public service to residents of the Coachella Valley. We believe that we have a moral obligation to send all employees home healthy and injury free at the end of every day. We will promote a work environment that encourages professionalism, pride, and respect.

Core Values

- **Integrity** - We will interact among ourselves and with employees honestly and ethically, thereby building relationships based on trust. We will always respect the confidentiality entrusted to us.
- **Respect** - We will exercise patience and sensitivity in dealing with the concerns and problems of others. We will be open-minded and fair in our interactions with employees and with one another.
- **Communication** - We will actively seek to understand the perspectives of others by listening with an open mind and communicating honestly and with appropriate discretion.
- **Collaboration and Teamwork** - We will encourage diversity of ideas and experiences, and strive to be a trusted strategic partner.
- **Innovation** - We are open to change and are committed to continuous improvement while meeting the needs of the District and workforce. We believe those we serve deserve an excellent service, a safe, productive, and healthy work environment.

DIVISION DESCRIPTIONS

Human Resources provide a variety of services related to employees, retirees, Board of Directors, and eligible dependents, with particular focus on the following functions and activities:

Human Resources

Develops District workforce to empower employees to provide quality services to their customers

Streamlines processes related to facilitating and managing employees, in compliance with federal and state laws, and current Memorandum of Understanding (MOU) guidelines through:

- Recruitment
- Development and training
- Competitive rewards and compensation packages
- Negotiating MOUs with District bargaining units

Administers the mandatory and voluntary health and welfare benefits for employees, retirees, Board of Directors, and their eligible dependents including:

- Medical
- Dental
- Vision
- Employee Assistance Program (EAP)
- Supplemental and group term life insurance
- Short and long-term disability
- Consolidated Omnibus Budget Reconciliation Act (COBRA), medical and dependent care
- Flexible spending accounts (FSA)
- Wellness program
- 401(a) and 457 deferred compensation plans

Risk Management

Analyzes and evaluates the District's risk management and insurance programs, including, but not limited to:

- Securing insurance to limit the District's exposure to financial risk
- Administering the District's self-insured workers' compensation program
- Administering the District's insured and self-insured property and casualty program including self-administered claims
- Ensuring contractor insurance compliance

Serves as consultant to management in a wide range of risk, insurance, and claim matters

Identifies procedures to avoid or minimize negative fiscal impact to the District

Claims

Investigates, analyzes, evaluates, and resolves internal and external claims involving potential or present damages to person and/or property.

Interprets state and federal law to ensure that claims are handled in accordance with the applicable law.

Protects the Coachella Valley Water District from undue liability and ensures that claims are resolved efficiently and justly.

Safety

Plans, implements, monitors, and evaluates the District’s Injury and Illness Prevention Program.

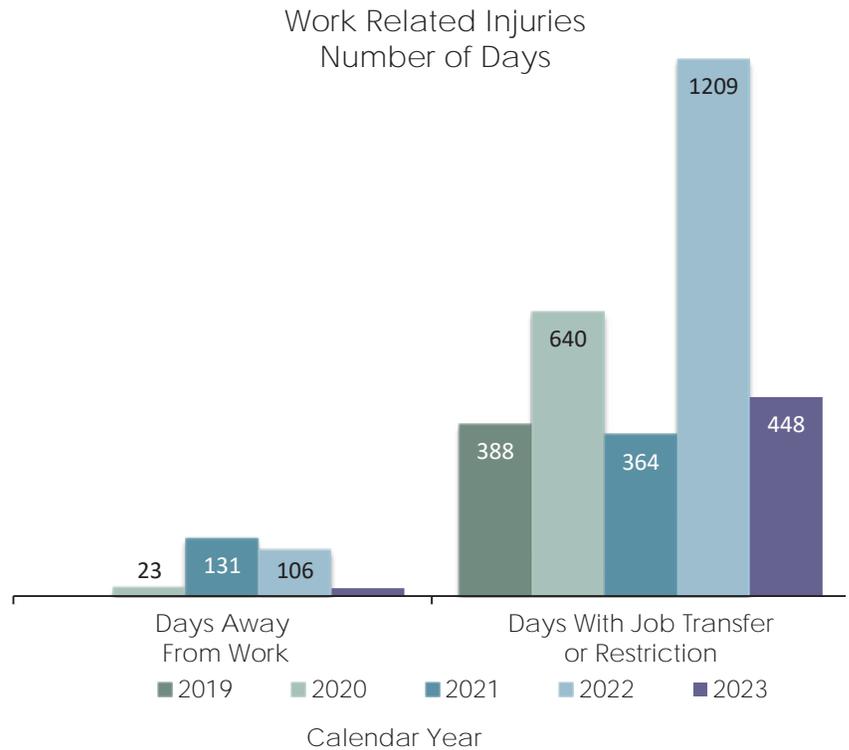
Develops proactive training programs that actively and effectively communicate to employees the District’s safety policies and standards, as they pertain to California Occupational Safety and Health Administration (Cal/OSHA) compliance.

Works in tandem with Risk Management to investigate and report incidents and claims according to federal and state statutes and codes.

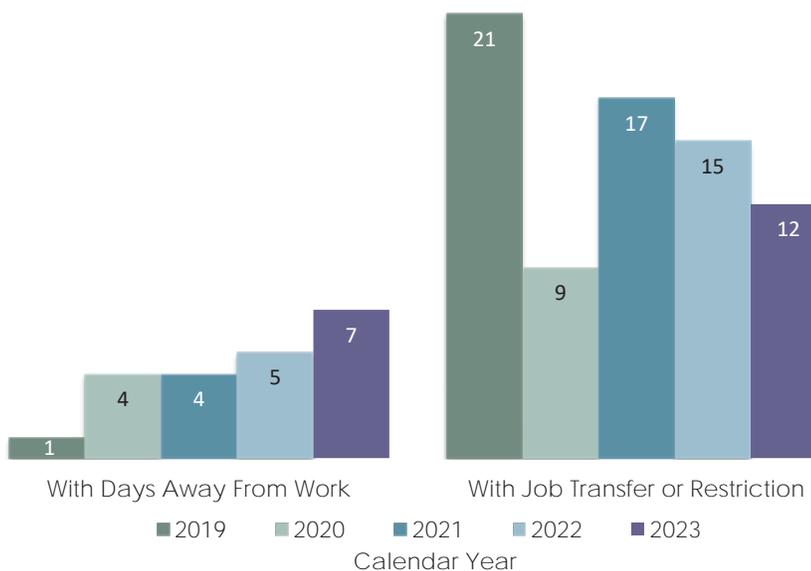
Human Resources Metrics

Human Resources Workload Measures					
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Human Resources					
Critical-Skill Positions Filled Internally vs. Outside Recruitment	59.0%	55.0%	52.0%	42.0%	57.0%
Average Days Vacant Due to Staff Departures	60.6	54.1	46.46	61	61
Voluntary Departures*	6.4%	3.8%	10.8%	9.1%	7.1%
Retirement Departures	4.6%	2.4%	5.6%	3.5%	1.9%
Turnover Rate	7.3%	5.3%	12.9%	9.7%	9.4%
Experience in Years Lost to Retirement	520	374	642	346	237
Experience in Years Lost to Turnover*	593	497	831	476	331
Certifications Achieved or Maintained	100.0%	100.0%	100.0%	100.0%	100.0%
Risk Management					
Supplemental Workers' Compensation Lost Time Benefit	\$6,420	\$1,766	\$8,934	\$7,956	\$5,417
Claims					
Total Number General Liability & Auto Insurance Claims Per 200,000 Employee Hours Worked	4.15	2.7	1.8	1.58	1.6
Total Amount of General Liability & Auto Insurance Claims Per 200,000 Employee Hours Worked	\$10,976	\$44,910	\$1,777	\$2,863	\$948,311
Safety					
Number of days away from work due to work-related injury (Calendar Year)	23	62	131	106	139
Number of days with restrictions or job transfer due to work-related injury (Calendar Year)	640	426	364	1,209	517
* Includes retirements and resignations					

The first graph reflects the five-year history of the number of work-related injury cases with days away from work and with job transfer or restriction.



Work Related Injuries Number of Cases



The second graph reflects a five-year history of the number of days away from work associated with work-related injuries and the number of days with job transfer or restriction.

Overall, the number of cases with days away from work and number of actual days away from work are significantly lower than the number of cases with job transfer or restriction or the number of days with job transfer or restriction.

FISCAL YEAR 2023-2024 ACCOMPLISHMENTS

Strategic Plan

- SG 1** Coordinate community outreach for CVWD Career Opportunities
- SG 5** Develop a comprehensive Supervisor/Managerial training program platform

Human Resources

- Successfully Negotiated Successor MOU with ASSET Bargaining Group.
- Implemented Board Adopted CVWD Employee Classification & Compensation Plan.
- Developed Training Curriculum Platforms for Employee Development in the Human Resources Development Program (HRDP).
- Established an additional deferred compensation plan 401(a) for eligible employees.

Risk Management

- Contracted with Alliant as the Property and Casualty Insurance Broker.
- Received Workers Compensation actuarial from AON evaluating cost trends by analyzing loss costs.

Claims

- Contracted with Coast Professional for debt collection services.
- Procured Cloud Claims software to improve efficiencies of the claims process.
- Created a comprehensive Claims Management manual with standard operating procedures.

Safety

- Conducted in person trainings for numerous employees and divisions including, Silica Safety Awareness, HAZWOPER, Fall Protection, Excavation/Trench Safety, and Confined Space Rescue.
- Created, reviewed and/or updated the District's COVID Prevention Plan, Bloodborne Pathogens Plan, Fire Prevention Plan, Forklift Policy, Workplace Violence Prevention Plan, and Hearing Conservation Plan.
- Secured the services of an industrial hygienist to perform permissible exposure limit (PEL) readings for the asbestos cement pipe safety program.
- Ensured all 900+ District Portable Fire Extinguishers completed annual inspection.
- Ensured roughly 160 employees in the Respiratory Protection Program were successfully fit tested and trained on how to properly wear half-face and full-face respirators.

FISCAL YEAR 2024-25 GOALS

Human Resources

Negotiated successor Defined Benefit & Compensation Plan (DBCP) for Confidential/At-will/Unrepresented Employees.

Provided an Employee Development cohort Program through University of California-Riverside for those employees who are currently in management or aspire to be in management an opportunity to receive a Certificate in Supervision/Leadership.

Develop, Meet & Confer & Implement a new Performance Appraisal system for employees.

Refined/Developed job assessments relating to the new adopted CVWD job classifications.

Updated/Revised the CVWD Employee Handbook.

Updated the District's Reasonable Accommodation Process & Protocol.

Risk Management

Secure fully insured automobile liability insurance.

Conduct workers' compensation supervisor training.

Claims

Established standard operating procedures for Cloud Claims and conduct district wide training for completing incident reports.

Created and define procedures and protocol for the self-insured automobile liability program.

Safety

Developed and Implemented the Cal/OSHA mandated Workplace Violence and Prevention Program.

Cal/OSHA standards – Review and update (if necessary) at least five written Safety Programs.

Update the District's decibel survey in support of the District's Hearing Conservation Program.

Update the District's Risk and Resilience Assessment in conjunction with Engineering and other impacted stakeholders to ensure continued compliance with the America's Water Infrastructure Act of 2018.

Enhance and strengthen the Districts Health and Safety Audit program utilizing digital tools to assist with trend analysis and training needs.

HUMAN RESOURCES

Human Resources Department	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Expenses by Type						
Salaries and Wages	\$ 1,502,172	\$ 1,634,421	\$ 1,648,527	\$ 1,828,668	\$ 180,141	10.9%
Employee Benefits	774,976	873,601	964,654	1,045,583	80,929	8.4%
Outside Labor	17,653	24,120	5,000	20,000	15,000	300.0%
Professional Development	180,030	161,576	409,950	432,800	22,850	5.6%
Professional Services	879,297	763,507	1,140,000	1,295,000	155,000	13.6%
Self-Insurance Costs	2,093,700	2,342,458	2,497,735	2,700,860	203,125	8.1%
Utilities	5,502	7,183	6,250	5,750	(500)	-8.0%
Workers' Comp	239,531	2,007,531	2,050,000	300,000	(1,750,000)	-85.4%
Materials and Supplies	221,248	190,567	173,650	185,650	12,000	6.9%
Motorpool	10,747	15,960	20,097	17,704	(2,393)	-11.9%
Contract Services	64,572	186,608	20,800	177,200	156,400	751.9%
Safety	35,888	94,249	80,000	95,000	15,000	18.8%
Miscellaneous Expense	2,387,051	2,118,909	2,429,515	2,763,765	334,250	13.8%
Total	\$ 8,412,366	\$ 10,420,689	\$ 11,446,178	\$ 10,867,980	\$ (578,198)	-5.1%
Expenses by Division						
Administration	\$ 4,417,271	\$ 4,474,005	\$ 4,739,417	\$ 5,254,322	\$ 514,905	10.9%
Safety	906,978	1,061,869	993,512	1,201,922	208,410	21.0%
Claims	692,986	2,340,422	2,708,537	1,129,750	(1,578,787)	-58.3%
Risk Management	2,395,131	2,544,392	3,004,712	3,281,986	277,274	9.2%
Total	\$ 8,412,366	\$ 10,420,689	\$ 11,446,178	\$ 10,867,980	\$ (578,198)	-5.1%
Expenses by Fund						
Domestic Water	\$ 3,492,101	\$ 3,741,612	\$ 5,088,286	\$ 4,775,637	\$ (312,649)	-6.1%
Canal Water	884,291	921,547	1,376,170	1,254,744	(121,426)	-8.8%
West Whitewater Replenishment	259,113	229,401	338,494	304,238	(34,256)	-10.1%
Mission Creek Replenishment	156	248	25,684	9,765	(15,919)	-62.0%
East Whitewater Replenishment	201,407	211,089	271,194	267,606	(3,588)	-1.3%
Sanitation	2,109,319	2,184,317	2,920,722	2,838,775	(81,947)	-2.8%
Stormwater Fund	954,070	947,894	1,104,694	1,108,194	3,500	0.3%
Motor Pool Fund	352,078	2,118,390	93,175	103,032	9,857	10.6%
Worker's Compensation	163,933	66,190	178,986	205,989	27,003	15.1%
Self Insurance Dental	(4,102)	-	48,773	-	(48,773)	-100.0%
Total	\$ 8,412,366	\$ 10,420,689	\$ 11,446,178	\$ 10,867,980	\$ (578,198)	-5.1%

⁽¹⁾ Unaudited

INFORMATION SYSTEMS



Director of Information Systems			
Luis Maciel			
Business Applications	7	Network & Systems	8
Information Systems Manager	1	Information Systems Manager	1
Information Systems Analyst II	4	Information Systems Analyst II	4
GIS Analyst II	1	Information Systems Analyst I	1
GIS Analyst I	1	Senior SCADA Systems Analyst	1
		SCADA System Analyst I	1
Desktop Support	4		
Information Systems Analyst II	1		
Information Systems Specialist II	2		
Information Specialist I	1		
		Total FTEs	20

DEPARTMENT DESCRIPTION

Information Systems (IS) provides information technologies to enable efficiency, productivity, and innovation to the various District departments.

The main objective of this department is to meet the technological challenges of the District. Information Systems provides strategic technology direction, manages information technology, supports cross-departmental priorities, and implements operational policies and standards.

Mission

The mission of Information Systems is to uphold the values of CVWD by fostering innovation through technologies and processes that improve efficiency and productivity.

Core Values

- **Dedication** - Deliver the best possible services to our customers and stakeholders.
- **Integrity** - Operate with the objective of providing high-quality water and protecting our resources.
- **Fiscal responsibility** - Manage funds efficiently to continue to provide affordable water.

DIVISION DESCRIPTIONS

Information Systems is responsible for the design, development, analysis, implementation, integration, and maintenance of new and existing applications, such as the Finance and Supervisory Control and Data Acquisition (SCADA) systems.

Other critical responsibilities of IS include the development of specialized computer applications, workstation customization, installation and configuration of new and existing IS related equipment, server and network management, network security, voice networks, email, internet access, audio/visual equipment, and end-user support, with particular focus on the following functions and activities:

Business Applications

Provides an integrated and complete set of services that include analysis, design, development, testing, implementation, and maintenance.

Works closely with project managers and department liaisons to develop specifications and make recommendations on the use of new and emerging technologies.

Determines the appropriate architecture and other technical solutions to reduce non-value-added work.

Determines application data access requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases.

DEVELOPMENT

Develops and implements data analyses, data collection systems, and other strategies that optimize statistical efficiency and quality.

Develops and implements databases, data collection systems, data analytics, and other strategies that optimize statistical efficiency and quality.

Responsible for the following:

- Produce clean, efficient code-based specifications
- Integrate software components and third-party programs
- Verify and deploy programs and systems
- Troubleshoot, debug, and upgrade existing software
- Gather and evaluate user feedback
- Recommend and execute improvements
- Create technical documentation for reference and reporting

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

Develops comprehensive GIS that provides valuable tools including:

- More efficient and effective access
- Linking
- Analyses
- Maintenance of information for and about the District and its ratepayers

Desktop Support

Provides maintenance and support for every aspect of electronic equipment such as:

- Computer hardware
- Software
- Networking
- Mobile technologies
- Telephony

Works directly with end-users to provide technical support and training.

Develops methods, practices, and procedures in an effective and efficient manner to ensure maximum access to technology services and resources.

Network & Systems

Implements and maintains network infrastructure.

Plans, designs, and maintains servers and data.

Administers day-to-day operations of networks and servers.

Implements Local Area Network (LAN) and Wide Area Network (WAN) maintenance and server administration procedures.

Secures all systems and network related equipment such as firewalls, switches, and routers.

Evaluates security trends, evolving threats, risks, vulnerabilities, and implements solutions to mitigate risk as necessary.

Ensures that the disaster recovery, risk management, and access control needs of the District are addressed.

Coordinates continuity of operations plans and teams.

Responsible for improvements to and upgrades of:

- Email system
- Virtual infrastructure
- File systems
- Unified messaging
- Mobility systems
- Domain controllers
- Databases
- Security systems
- Network infrastructure

Supervisory Control and Data Acquisition

Oversees the operation, support, maintenance, analysis, databases, graphic display, and external system interface requirements, adhering to SCADA technology standards.

Evaluates the effectiveness of systems.

Develops specifications for new technologies or prototype systems to improve production and/or workflow.

Information Systems Metrics

Information Systems Workload Measures					
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Information Systems - Infrastructure and Systems					
Critical Systems Availability - Goal 99% or more	99%	99%	99%	99%	99%
Network Availability - Goal 99% or more	99%	99%	99%	99%	99%
Unscheduled Infrastructure Downtime Across All Applications - Goal 0.1% or less	2.8%	2.5%	2.8%	2.5%	2.7%
Quarterly Verification Backups - Goal 99%	99%	99%	99%	99%	99%
Information Systems - Service					
Help Desk Tickets	5,540	5,275	5,450	5,370	5,160
Tickets resolved according to Service Level Agreement (SLA) - Goal 90% or more	90%	94%	93%	95%	94%
Tickets Completed - Goal 90% or more	93%	92%	92%	94%	94%
Average First Response Time to Ticket - Goal less than 24 hours	9	9	9	9	9
Average Days to Ticket Resolution - Goal less than 3 days	2.0	2.0	2.5	2.0	2.0
Information Systems - Employee Development					
Training per Team Member - Goal more than 6 hours per month	8	10	9	10	10
Information Systems - System Update					
Quarterly Systems Updates - Goal 90%	90%	93%	94%	94%	93%
Information Systems - Projects					
Projects Completed - Goal 90% or more	93%	94%	92%	93%	94%

FISCAL YEAR 2023-24 ACCOMPLISHMENTS

Strategic Plan

SG 6.19 Selected ERP and billing system. Planning procurement for FY 2024-2025.

Business Applications

- Upgraded the time and attendance system, including 13-time clocks.
- Completed upgrade of the SRAB AV equipment, including conference rooms.
- Developed a process to automate employee benefit changes for open enrollment.
- Upgraded the Laboratory Information Management system, server, and database to the latest version.
- Completed testing and implementation of the new meter reading system.
- Implemented a Configuration Management Process to integrate IT assets with the Service Desk system.

GIS

Completed purchase of new drone and image processing server.

Developed and deployed a GIS-based workflow for submitting, analyzing, and responding to Right of Way Application Permits that centralizes data, attachments, and communication.

Developed and deployed a GIS-based workflow for submitting, analyzing, and responding to Inspection/Source Control reports that centralizes data, attachments, and communication.

Expanded the catalog of drone imagery of CVWD sites and assets using existing drone equipment.

Upgraded the GIS Enterprise Platform to the most current version.

Implemented phase I of the Subsurface Mapping for reclamation plants project.

Desktop Support

Audited all mobile devices and replaced end-of-life iPads and iPhones.

Implemented an incident tracking system for Control.

Replaced 60 end-of-life PCs.

Replaced 20 end-of-life Toughbook laptops.

Upgraded the end-point management system to the latest version.

Improved and refined the IT service catalog using the FITSM methodology.

Implemented phase I of a Chain of Custody system to track assigned equipment.

Network & Systems

Upgraded the servers for the Canal Water Ordering System.

Implemented a high-speed datalink between Coachella and Palm Desert.

Implemented phase I of the Wide Area Network bandwidth improvement/remediation.

Upgraded the wireless controller (WLAN) and access points in Coachella (APs).

Implemented phase I of the new conferencing and collaboration system for emergencies.

Migrated users to the new Unified Messaging System for Emergency IM and Remote Call Control functions.

Replaced remaining legacy Avaya network switches.

SCADA

Developed new SCADA screens to replace 51 legacy Remote Terminal Units (RTUs).

Implemented a new SCADA site for the Oasis Phase 2 project.

Developed new SCREENS for the upcoming four new non-potable sites.

Completed redundant infrastructure for the SCADA Network between Palm Desert and Coachella.

Completed decommissioning of legacy SCADA system.

FISCAL YEAR 2024-25 GOALS

Strategic Plan

SG 6.19

- Complete purchase of selected ERP and Billing system.
- Implement phase I of the ERP and Billing system replacement.

Business Applications

Upgrade FileNet servers to the newest version and improve the electronic records process and disposition.

Migrate SharePoint on-premise to the cloud and update department sites.

Implement Power BI to manage legacy ERP and Billing data.

Complete phase II of the Chain of Custody system (test and implement new workflows).

Develop a data lake to support the implementation of the new ERP and Billing systems.

Support the implementation of the new rates for Domestic, Sanitation, RAC wells, and Canal Water services in the Naviline and Irrigation systems.

GIS

Enhance asset data inventory by adding spatial information to existing data assets. This will allow us to visualize and maintain our widespread assets more easily.

Transition the existing GIS Enterprise Platform to new infrastructure to support upgraded functionality and stability.

Develop an imagery storage and access solution to handle the growing need for historical imagery and high-resolution drone imagery.

Create a series of plat maps for GIS data covering major business units. This will allow the creation of hard copies for offline and emergency situations.

Implement data refresh projects with various units within operations to update and enhance existing data.

Work with asset management to create uniform data standards.

Desktop Support

Implement a customer service request system for Water Management

Upgrade iPads and iPhones that have reached end-of-life.

Replace 50 end-of-life PCs.

Replace 20 end-of-life Toughbook laptops.

Upgrade the Coachella Board and Conference rooms with Crestron technology.

Review and improve the existing ITIL process for the Service Desk.

Audit and upgrade/replace printers that have reached end-of-life.

Network & Systems

Support implementation of the Security Vulnerability & Risk Assessment.

Upgrade the enterprise's physical servers in Palm Desert.

- Implement phase II of the Wi-Fi upgrade in Palm Desert.
- Complete deployment of the virtual desktop telephony client.
- Finalize Office 365 account migration and systems integration.
- Implement a new digital network topology to properly document the network infrastructure.
- Finalize the redundancy/backup strategy between Coachella and Palm Desert for the SCADA system.
- Implement phase II of Wide Area Network bandwidth improvement between reclamation plants and headquarters.
- Finalize deployment of new conferencing and collaboration system for emergencies.
- Replace end-of-life network distribution switches.

SCADA

- Continue replacement of legacy Terminal Units (RTUs) with modern PLCs. Planning to replace 40 RTUs this fiscal year.
- Support the new SCADA roadmap plan to continue to improve and optimize SCADA processes.
- Support the development and implementation of the Generators’ Runtime Reports.
- In collaboration with the operations team, continue to optimize the SCADA Alarm management program.
- Work with Domestic and NDI to fine-tune the Time of Use Pump Control Programs.
- Replace the Coachella SCADA physical server hosts that have reached end-of-life.
- Upgrade the SCADA Storage system in Coachella.

Information Systems Department	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Expenses by Type						
Salaries and Wages	\$ 2,392,354	\$ 2,599,985	\$ 2,570,160	\$ 2,918,129	\$ 347,969	13.5%
Employee Benefits	1,317,363	1,518,649	1,543,223	1,700,485	157,262	10.2%
Professional Development	36,134	10,415	31,500	31,500	-	-
Professional Services	62,210	51,435	120,000	120,000	-	-
Utilities	79,851	84,650	56,000	66,000	10,000	17.9%
Materials and Supplies	505,714	427,366	436,500	455,000	18,500	4.2%
Motorpool	1,440	4,615	4,386	2,895	(1,491)	-34.0%
Contract Services	2,264,605	3,148,343	2,800,000	3,050,000	250,000	8.9%
Miscellaneous Expense	9,989	11,554	10,000	10,000	-	-
Capital Outlay	-	22,873	-	-	-	-
Total	\$ 6,669,660	\$ 7,879,885	\$ 7,571,769	\$ 8,354,009	\$ 782,240	10.3%
Expenses by Division						
Information Systems	\$ 6,669,660	\$ 7,879,885	\$ 7,571,769	\$ 8,354,009	\$ 782,240	10.3%
Total	\$ 6,669,660	\$ 7,879,885	\$ 7,571,769	\$ 8,354,009	\$ 782,240	10.3%
Expenses by Fund						
Domestic Water	\$ 2,618,664	\$ 3,106,333	\$ 3,003,816	\$ 3,314,649	\$ 310,833	10.3%
Canal Water	1,064,265	1,257,563	1,185,410	1,305,502	120,092	10.1%
West Whitewater Replenishment	383,965	454,253	457,546	505,799	48,253	10.5%
Mission Creek Replenishment	54,861	65,628	41,324	44,494	3,170	7.7%
East Whitewater Replenishment	313,448	371,369	356,336	393,068	36,732	10.3%
Sanitation	1,734,818	2,052,879	1,972,107	2,175,098	202,991	10.3%
Stormwater Fund	393,591	461,879	445,357	491,620	46,263	10.4%
Motor Pool Fund	106,047	109,982	109,873	123,779	13,906	12.7%
Total	\$ 6,669,660	\$ 7,879,885	\$ 7,571,769	\$ 8,354,009	\$ 782,240	10.3%

⁽¹⁾ Unaudited

PUBLIC AFFAIRS & CUSTOMER EXPERIENCE



Director of Public Affairs & Customer Experience			
Scott Burritt			
Administration	3	Customer Service	15
Government Affairs Program Manager	1	Customer Service Manager	1
Management Analyst	1	Senior Customer Service Representative	2
Administrative Assistant	1	Customer Service Representative II	7
		Customer Service Representative I	4
		Office Assistant II	1
Outreach & Education	8	Customer Billing	14
Communications Prgrm. Mgr. / Public Info. Officer	1	Revenue Manager	1
Multimedia Specialist	1	Revenue Services Supervisor	1
Education Specialist	1	Accountant II	1
Communications Specialist	4	Accounting Technician	8
Administrative Assistant	1	Accounting Assistant	3
Water Management	14	Meter Readers	22
Conservation Manager	1	Meter Reader Manager	1
Office Assistant II	1	Meter Reader Crew Chief	2
Administrative Assistant	1	Meter Services Representative	3
Senior Conservation Program Specialist	2	Meter Reader II	5
Conservation Program Specialist II	6	Meter Reader I	9
Conservation Program Specialist I	1	Service Worker	2
Water Management Aide	2		
Total FTE			
			77

DEPARTMENT DESCRIPTION

The Public Affairs & Customer Experience Department plays a significant role interacting with customers and the public through customer service, education, media, community events, social media, and government affairs. The department makes considerable efforts on an ongoing basis to develop programs, tools, and processes that improve customer interactions with CVWD, enriching the customer experience and promoting a positive public image.

Mission

To exceed public expectations through dedicated, knowledgeable, and professional employees who embody integrity, innovation, and support, and who elevate public interactions through continuous improvements to programs, tools, and processes that deliver a high-level customer experience.

DIVISION DESCRIPTIONS

The Public Affairs & Customer Experience Department is organized into six divisions that provide customer-related services and information to the public and manage communications internally and externally. The department has a particular focus on the following functions and activities:

Administration

Develops recommendations for new and revised policies and improved processes based on research, data analysis, and best practices to improve the customer experience, create efficiencies, and strengthen revenue collection.

Provides government and legislative leadership by analyzing draft legislation at the state and federal levels, engaging directly with policymakers and elected officials, and managing the District's contract advocates in Sacramento and Washington D.C.

Public Relations & Education

Provides education and information to customers, employees, and the community on services, conservation programs, water policy, regulations, water issues, and capital improvement projects.

Provides internal communication to employees by producing and distributing the bi-weekly Water Drop newsletter and the quarterly CVWD Connect Magazine and managing internal digital information monitors.

Assists other departments with communication, public outreach, graphic design, branding, photography, and social media.

Engages, educates, and communicates with the media through press releases, news conferences, event materials, and interviews to generate favorable news coverage.

Educates local students and residents through presentations, activities, tours and field trips of District facilities to create awareness of issues such as history, canal safety, water science, conservation and sustainability, development, regulations, and the District's role in the community.

Customer Billing

Completes billing for all water-related services, including domestic water, sanitation, well replenishment, non-potable, canal, and canal water availability.

Receives and processes all customer payments and billing adjustments on a daily basis.

Performs collection activities, customer notification of past due accounts, liens, and promissory notes.

Customer Service

Manages more than 500 incoming telephone calls, counter interactions, and customer emails per day (120,000+ per year)

Assists customers in establishing new accounts, making payments, placing canal irrigation orders, and answering billing and high consumption questions.

Primary contact for water leak emergency reports during regular business hours and Saturdays.

Makes outbound calls to customers to inform them about delinquent balances and customer assistance programs.

Works across the District to support our customers.

Meter Readers

Collects monthly manual and automated meter reads for all Domestic, Construction, and Replenishment Assessment Charge (RAC) meters.

Determines meter type (AMR or Non-AMR) for all new accounts.

Responsible for completion of customer turn-ons, final reads, field investigations, delinquent turn-offs, and other miscellaneous work orders.

Works with customers to perform meter accuracy tests and resolve concerns.

Investigates causes of high consumption.

Investigates possible crossed meters and meter discrepancies.

Investigates accounts with low consumption and identify failed and undersized meters.

Maintains Domestic and RAC meter information in GIS.

Assists with the identification of water waste and Non-Functional Turf (NFT) for Water Management.

Water Management

Assists customers in improving water use efficiency through several conservation initiatives, including rebate programs, educational presentations, free installation of smart irrigation controllers, and free indoor conservation kits for homeowners.

Provides technical assistance, including on-site conservation reviews or audits, to evaluate water use, offer suggestions to improve water use efficiency, and meet assigned water budgets.

Provides special audit program to offer technical assistance to targeted customers whose consumption indicates inefficient water use practices.

Investigates and enforces local and state water use restrictions and helps violators comply.

Reviews new and rehabilitated landscape development plans for compliance with the District's Landscape Ordinance.

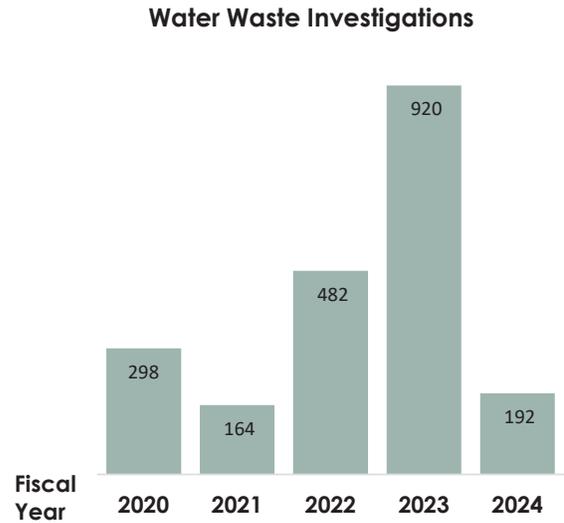
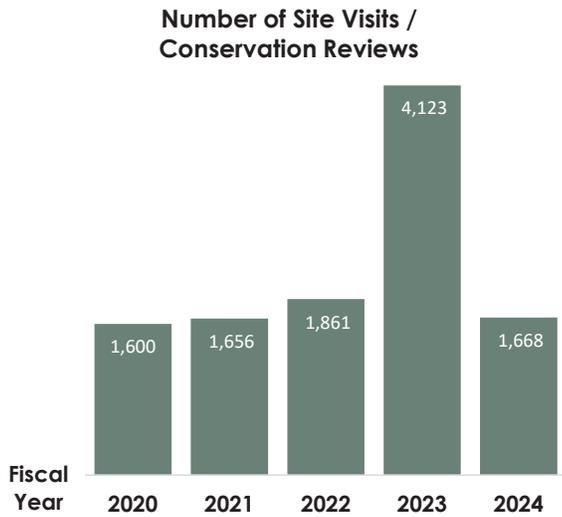
Calculates the water needs for all District customers using various methods to ensure the accuracy of water budgets for Budget Based Tiered Rates.

Reviews customer appeals regarding their water budget.

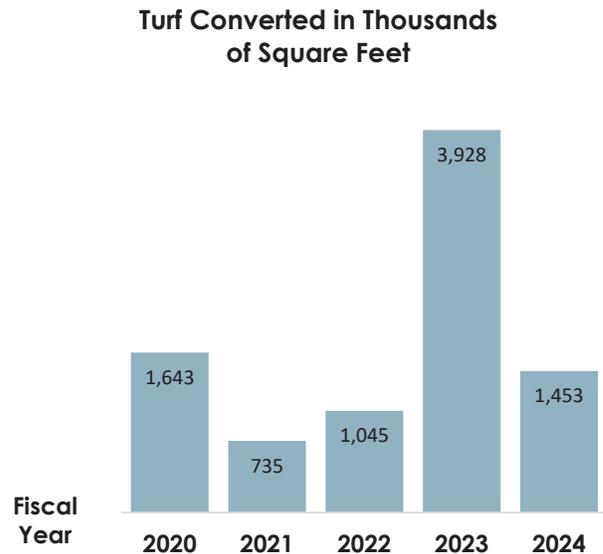
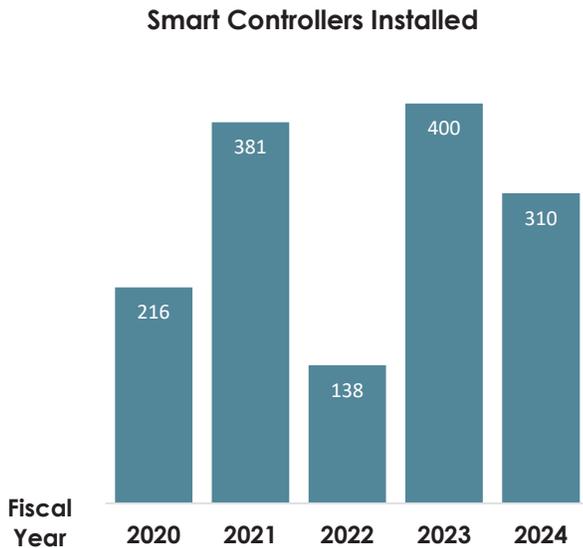
Public Affairs & Customer Experience Metrics

Public Affairs & Customer Experience Workload Measures	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Public Relations & Education					
Media Stories (newspaper, TV, radio, etc.) Concerning CVWD Per Year	125	155	251	380	122
Students Receiving Educational K-12 Presentations	5,174	197 *	80 *	2,111	4,676
News Releases & Blogs	39	31	35	26	32
Tours & Field Trips Provided	56	- *	2 *	8	27
Presentations to Community Groups	15	- *	148	11	16
Informational Booths Staffed at Community Events	13	- *	1 *	12	13
Informational Workshops Hosted or Presented	-	-	-	-	5 **
Active Stakeholder & Community Contacts	-	-	-	-	51 **
Special Events/Press Conferences	-	-	-	-	3 **
Publications & Collateral (Digital & Print)	-	-	-	-	129 **
Multimedia Photos & Video	-	-	-	-	231 **
Social Media Posts	-	-	-	-	58 **
Customer Billing					
Maintain Average Receivables Over 90 Days - Goal 6.26% or Less	4.00%	6.00%	6.32%	6.27%	4.10%
Maintain Assessor's Parcel Number (APN) Rejection Rate of 2% or Less	0.0%	0.0%	0.0%	0.0%	0.0%
Complete Daily Bank Deposit by 3:30 PM - Goal 80% or more	97.0%	98.0%	98.0%	98.0%	98.0%
Requests for Account Review	1,616	1,224	1,209	1,255	681
Met Established Training Standards	Yes	Yes	Yes	Yes	Yes
Customer Service					
Calls Received	105,671	109,783	91,608	92,841	86,855
Calls Answered	104,937	109,455	91,153	92,380	86,596
Calls Answered Within 3 Minutes or Less - Goal 90% or More	97.4%	98.2%	98.1%	98.0%	98.9%
Average Abandon Rate - Goal 5% or less	0.7%	0.3%	0.5%	0.5%	0.3%
Average Call Handle Time - Goal 4 minutes or less	2:50	2:53	2:51	3:11	2:56
Average Wait Time - Goal 2 minutes or less	0:58	0:34	0:50	0:45	0:41
Met Established Training Standards	Yes	Yes	Yes	Yes	Yes
Meter Readers					
AMR Meters Read Manually to Assure Accuracy & Function - Goal 3,000	4,238	14,155	16,183	16,268	13,897
Average Number of Meters Read Monthly	112,208	113,259	114,270	115,614	115,797
Average Number of AMR Meters Read Monthly using Drive-By System	19,137	19,214	19,146	19,188	19,212
Met Reading and Billing Deadlines, Cycle Standards (28 to 32 days)	Yes	Yes	Yes	Yes	Yes
Direct Read Meters Upgraded to AMR Meters	21	41	112	64	63
Nonrecurring Work Orders Completed	32,816	46,315	39,274	34,428	32,306
Met Established Training Standards	Yes	Yes	Yes	Yes	Yes
Water Management					
Residential Smart Controllers Installed	117	163	107	229	185
Large Landscape Smart Controllers Installed	16	218	31	171	125
Rebates Issued to Homeowners for Landscape Conversion	160	263	378	1,083	295
Square Feet of Grass Replaced with Desert-Friendly Landscape - Homeowners	203,327	375,392	519,006	1,698,910	453,722
Rebates Issued to Large Landscape Customers for Landscape Conversion	64	73	69	225	94
Square Feet of Grass Replaced with Desert-Friendly Landscape - Large Landscape Customers	634,044	359,738	526,248	2,228,970	999,333
Rebates Issued Toilet Replacement Program	1,411	1,310	540	592	336
Rebates Issued Residential Hot Water Recirculating Pump Program	16	37	51	81	32
Rebates Issued High Efficiency Washing Machine Rebate Program	25	263	223	229	179
Water Waste Investigations	262	164	482	920	192
Nozzles Replaced	651	1,082	373	597	2,754
Plan Checks	264	466	624	466	340
Appeals	456	1,646	1,614	2,222	727
Government & Regional Affairs					
Community & Industry Events Attended	N/A	N/A	81	151	96
Items tracked:					
Federal Bills	N/A	N/A	167	218	201
State Bills	N/A	N/A	78	102	33
State & Federal Regulations	N/A	N/A	6	8	-
Number of Letters Submitted Regarding Legislation & Regulations Affecting the District	14	4 *	19	20	37
* Numbers impacted by COVID-19 restrictions.					
** April-June 2024					

The first graph reflects a five-year history of site visits/conservation reviews completed by Water Management. The second graph reflects a five-year history of water waste investigations. The graphs below reflect sharp increases in fiscal years 2022 and 2023 due, in part, to the statewide mandate to conserve water.

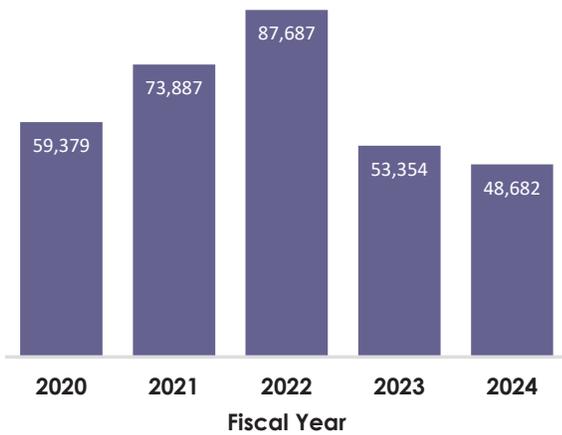


The graphs below reflect a five-year history of the number of residential and large landscape smart controllers installed and a five-year history of the total square feet of turf converted to a desert-friendly landscape.

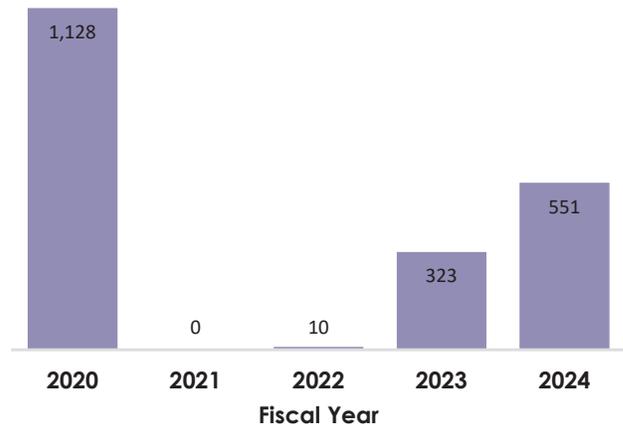


The following graphs show a five-year history of meter reader activities completed each fiscal year. The Governor’s Executive Order for the COVID-19 pandemic significantly affected fiscal year 2020 and all effectively halted turn-offs for fiscal year 2021. In addition, the stay-in-place orders issued because of COVID-19 continued to impact meter tampering and work orders in fiscal year 2021.

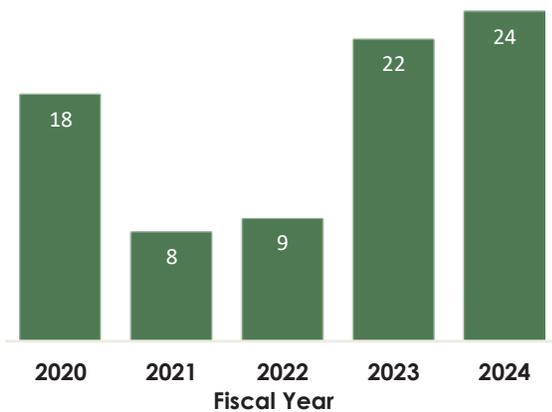
Past Due/Turn Off Notices Sent



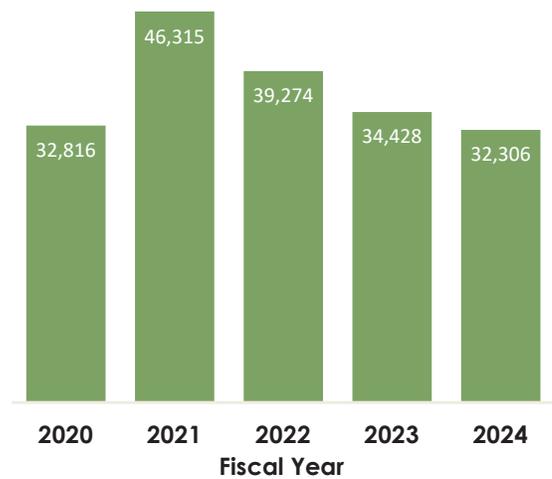
Turn Offs Completed



Meter Tamperings



Miscellaneous Work Orders



FISCAL YEAR 2023-24 ACCOMPLISHMENTS

Strategic Plan

SG 1.1 Disadvantaged Communities-focused outreach

Administration

Developed language for the Coachella Valley electric service Joint Powers Authority bill and facilitated its advancement through the legislative process.

Utilized CVWD's legislative platform to develop positions on regulations and legislation that impacted the District, resulting in several favorable outcomes.

Developed and implemented a process to ensure sanitation fees are assessed properly and efforts are still ongoing.

Public Relations & Education

Organized a community celebration to recognize \$100 million in grant funding from county, state, and federal sources. The grants have funded 17 projects to provide clean water and reliable sewer service to underserved Eastern Coachella Valley communities who experience failing or at-risk water systems, unreliable sanitation systems, and inadequate fire protection.

Co-hosted an event with the State Water Resources Control Board to celebrate more than 100 water system consolidations across the state that have benefitted 90,000 Californians with safe drinking including West Side Elementary School, which was connected to the District's domestic water system in 2020.

Reimagined social media as a powerful tool for community engagement and digital storytelling to educate and connect with the customers, employees and the community. This resulted in seven "viral" posts and a 292 percent increase in engagement from the previous year. The District's social media was recognized by the California Association of Public Information Officials with the Epic Communication Award.

Provided presentations to various community groups on emerging water issues and conservation including several Homeowner Associations, Leadership Coachella Valley, CV Water Counts Academy, city council and planning commissions.

Provided outreach and communication for several capital improvement projects including the North Indio Regional Flood Control Project, Nonpotable and Recycled Water Pipeline Projects, Sewer Rehabilitation Project and the Dale Kiler Road Water Main Replacement Project.

Produced drone video and photography documentation on several capital improvement projects and a video series highlighting District employees and water jobs.

Educated 4,676 K-12 students with presentations aligning with Common Core and Next Generation Science Standards on topics including the water cycle, local water history, conservation and more.

Customer Billing

Utilized GIS to identify lost revenue related to IWAA and Sanitation to ensure parcels are charged annual assessments.

Developed a process to review potential undersized meters to identify potential lost revenue.

Administered various customer assistance efforts, resulting in credits of \$223,000 applied to approximately 1,000 accounts from various customer assistance programs.

Staff participated in presentations and demonstrations provided by three ERP system vendors that may be selected to replace Naviline.

Customer Service

Met or surpassed all call center targets with a 98.9% service level, 2:56 minute average handling time, 41 second average waiting time, and 0.3% abandoned call rate.

Staff participated in presentations and demonstrations provided by three ERP system vendors that may be selected to replace Naviline.

Initiated several projects to update customer information so that it's accurate and up to date before moving to a new utility billing system.

Staff completed "ride-alongs" or office visits with Sanitation, Development Services, Water Management, Meter Readers and Zanjeros to expand knowledge of field service activities.

Meter Readers

Implemented new meter reading handhelds and reading software resulting in immediate improvement of operational effectiveness and customer service.

Transitioned meter reader fleet to 19 electric vehicles and worked with Facilities Maintenance to properly retrofit vehicles to meet staff tool and equipment needs.

Participated in the ERP procurement process and assisted with responses to questions from potential bidders.

Water Management

Provided more than \$4.4 million in rebates to residential and large landscape customers to convert more than 1.4 million square feet of turf to low water use landscape.

Completed construction of the Palm Desert Operations Demonstration Garden.

Developed and launched Golf Conservation Program to fund the conversion of turf to low-water use landscape.

Created comprehensive virtual document, a "Quick-Guide" resource, of all divisional policies, procedures, and practices.

FISCAL YEAR 2024-25 GOALS

Administration

Identify and pursue an optimal path forward to address CVWD's concerns with the newly adopted Cr-6 regulations.

Pursue the identification of parcels subject to the Sewer Availability charge and collaborate with customer billing to ensure charges are assessed on qualifying parcels.

In collaboration with other CVWD departments, develop processes to identify potential revenue capture opportunities regarding water availability and State Water Project taxes.

Public Relations & Education

Build social media presence to actively engage with customers, employees and the community, increase brand awareness and drive Facebook and Instagram followers to the District's website cvwd.org.

Expand education program displays including revising the Wastewater Treatment community tour and field trip with engaging visual enhancements and hands-on activities.

Increase Spanish language educational materials, videos and website information.

Host water-efficient gardening workshops and activities for customers and students in the District's expanded demonstration garden.

Customer Billing

Cross-train with other departments to learn more about each department's role in Public Affairs & Customer Experience.

Participate in efforts to cleanup data in the current Utility Billing system to facilitate a smooth transition to the new ERP.

Contribute to the implementation of ERP/Utility Billing systems.

Assist with reviewing revenue assurance data to help improve and strengthen revenues.

Complete Quick Guide resource in One Note for staff outlining Customer Billing processes and procedures.

Customer Service

Provide high-quality service by handling calls, counter interactions and inbound emails with accuracy and efficiency.

Make frequent phone calls to late-paying customers to lower outstanding balances.

Contribute to the implementation of ERP/Utility Billing systems by providing knowledge and testing cases

Help achieve the objectives of other departments, such as Conservation activities and campaigns, Finance and the ERP system, Communications outreach events, etc.

Meter Readers

Complete Subeca AMI pilot project.

Contribute to the implementation of ERP/Utility Billing system.

Complete Quick Guide resource for staff outlining Meter Reading processes and procedures.

Ensure EV's are equipped with all necessary equipment to meet safety and work-related requirements.

Cross-train with Operations, Engineering and Public Affairs & Customer Experience to prepare staff to more efficiently complete customer-related requests.

Water Management

Propose Water Waste Ordinance to Board for consideration and adoption to resume enforcement and penalties for water waste.

Facilitate and complete mapping project of all golf courses within Coachella Valley to quantify the irrigated square footage of turf and landscape area.

Implement software programs, such as ServiceDesk and Masterworks, to improve workflows and increase efficiency and transparency.

Implement cross-training throughout division to diversify workload and increase capacity of staff to handle variety of customer related requests.

Develop a Non-Functional Turf (NFT) program to prepare HOAs for compliance with the newly adopted conservation regulations, including the development and distribution of a fact sheet that assists HOAs with the identification of NFT areas.

PUBLIC AFFAIRS & CUSTOMER EXPERIENCE

Public Affairs & Customer Experience Department	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
<u>Expenses by Type</u>						
Salaries and Wages	\$ 7,226,365	\$ 7,612,090	\$ 8,019,141	\$ 8,201,640	\$ 182,499	2.3%
Employee Benefits	4,105,507	4,557,885	4,909,242	4,895,848	(13,394)	-0.3%
Outside Labor	30,138	-	17,000	17,000	-	-
Professional Development	80,290	77,769	166,825	174,225	7,400	4.4%
Professional Services	185,358	174,164	226,233	226,250	17	0.0%
Advertising and Media	225,384	218,746	188,500	207,000	18,500	9.8%
Utilities	27,628	44,567	47,526	49,011	1,485	3.1%
Materials and Supplies	746,591	750,123	811,625	843,825	32,200	4.0%
Motorpool	350,355	361,450	356,535	295,506	(61,029)	-17.1%
Contract Services	1,210,469	1,239,550	1,530,175	1,675,450	145,275	9.5%
Safety	6,998	7,466	8,000	8,100	100	1.3%
Miscellaneous Expense	12,795,970	4,563,632	5,909,055	3,102,585	(2,806,470)	-47.5%
Total	\$ 26,991,052	\$ 19,607,442	\$ 22,189,857	\$ 19,696,440	\$ (2,493,417)	-11.2%
<u>Expenses by Division</u>						
Outreach and Education	\$ 2,092,454	\$ 1,970,296	\$ 2,330,863	\$ 2,146,026	\$ (184,837)	-7.9%
Water Management	15,526,779	7,405,550	8,911,133	6,153,435	(2,757,698)	-30.9%
Administration	704,651	927,302	1,173,053	1,258,095	85,042	7.2%
Customer Service	2,033,858	2,194,821	2,298,404	2,446,639	148,235	6.4%
Meter Reading	3,152,134	3,401,623	3,576,263	3,673,041	96,778	2.7%
Customer Billing	3,481,177	3,707,850	3,900,141	4,019,204	119,063	3.1%
Total	\$ 26,991,052	\$ 19,607,442	\$ 22,189,857	\$ 19,696,440	\$ (2,493,417)	-11.2%
<u>Expenses by Fund</u>						
Domestic Water	\$ 24,067,233	\$ 16,488,521	\$ 18,942,003	\$ 16,222,256	\$ (2,719,747)	-14.4%
Canal Water	1,283,171	1,348,936	1,324,293	1,402,754	78,461	5.9%
West Whitewater Replenishment	437,780	465,617	488,041	501,390	13,349	2.7%
Mission Creek Replenishment	11,427	12,056	11,849	12,170	321	2.7%
East Whitewater Replenishment	420,969	445,222	474,369	508,012	33,643	7.1%
State Water Project	-	-	-	41,242	41,242	-
Sanitation	608,265	664,615	734,973	774,877	39,904	5.4%
Stormwater Fund	162,207	182,475	214,329	233,739	19,410	9.1%
Total	\$ 26,991,052	\$ 19,607,442	\$ 22,189,857	\$ 19,696,440	\$ (2,493,417)	-11.2%

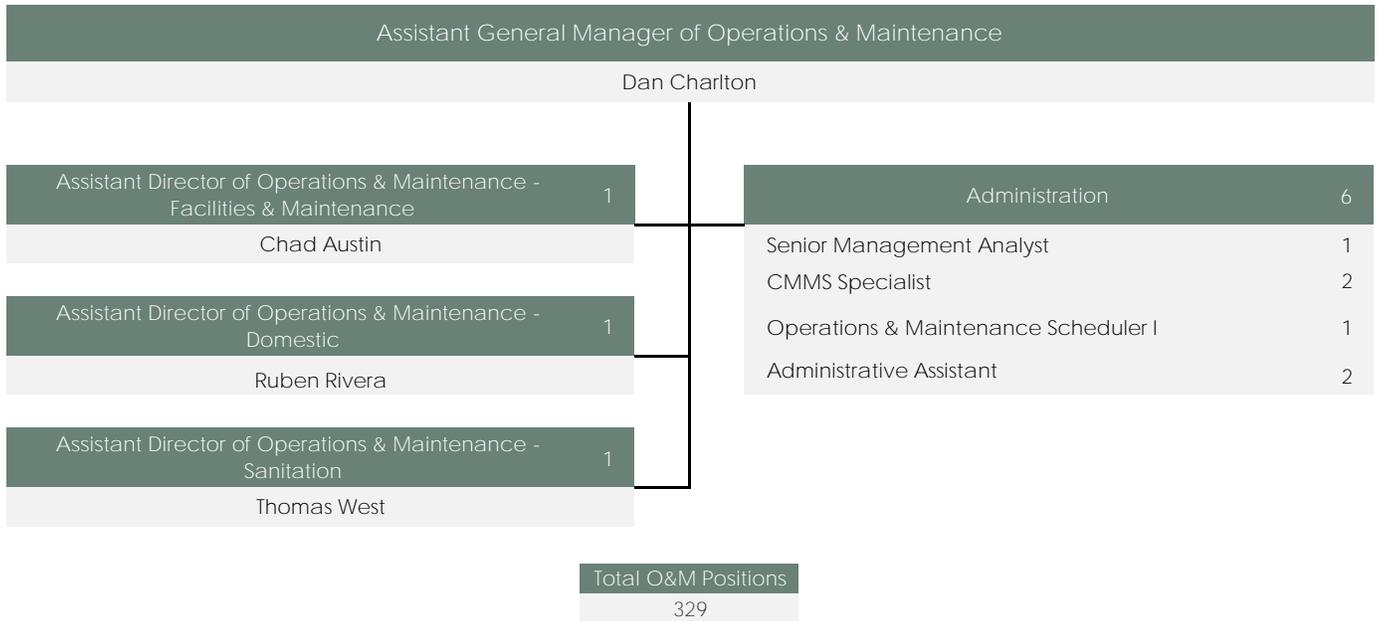
⁽¹⁾ Unaudited



CVWD Facilities and Maintenance staff hang photography created by the Communication Department.

OPERATIONS & MAINTENANCE





DEPARTMENT DESCRIPTION

The Operations & Maintenance Department (Operations & Maintenance) is the largest Coachella Valley Water District (CVWD) department, with 329 employees. Operations & Maintenance consists of 3 departmental branches with 32 divisions that are responsible for the operations, maintenance, and repair of all CVWD’s infrastructure, including Domestic Water, Sanitation, Nonpotable Water, Canal Water, Stormwater, and Groundwater Replenishment facilities. Operations & Maintenance is also responsible for maintaining all CVWD campuses and the Motorpool (maintenance and procurement).

Mission

The Operations & Maintenance Department is dedicated to providing proactive, courteous, and professional services to our internal and external customers by developing and deploying a staff of skilled technicians, operators, and craftsmen who are committed to providing superior workmanship and outstanding service. We strive to exceed the expectations of our fellow departments by providing our customers with exceptional service while furthering the mission of the Coachella Valley Water District.

Core Values

- Integrity
- Accountability
- Teamwork
- Loyalty

DIVISION DESCRIPTION

Administration

The Operations & Maintenance Administrative Team (Administration) provides organizational oversight to facilitate interdivisional relationships and creates efficiencies to ensure safe, reliable, and economical services to CVWD's customers. Administration defines clear expectations for the various divisions and provides the tools and guidance to accomplish the goals, including funding, staffing, equipment, training, standardization, and accountability.

Administration develops and implements strategic programs and provides support and resources to skilled technicians, tradesmen, and operators, who provide superior workmanship and outstanding service to our internal and external customers.

Administration has developed and implemented CVWD's Asset Management Program (AMP), which is critical to the long-term sustainability of CVWD. The Asset Management Master Plan (AMMP) laid the foundation for developing a comprehensive AMP, which included implementing a computerized maintenance management system (CMMS) that captures GIS information, catalogs asset infrastructure, and tracks condition assessment to help prioritize capital improvements. The CMMS prioritizes maintenance needs by criticality and consequence of failure, schedule recurring preventative maintenance, and track non-recurring (reactive) work activity.

Administration completed the full-scale implementation of the Geotab GPS Program, including a robust application platform, fleet-grade hardware, and versatile devices, easily transferable between vehicles. GeoTab provides risk mitigation and takes a more proactive driver training and monitoring approach. Continuous monitoring is a proactive way to correct risky driver behavior before accidents occur.

The guiding principle of Operations & Maintenance is to stay true to CVWD's Mission Statement, "to meet the water-related needs of the people through dedicated employees, providing high-quality water at a reasonable cost."

Strategic Initiatives

- SI 2.5** Analyze issues associated with implementing a zero-emission fleet.
- SI 4.10** Construct a model of the Coachella Canal to enhance training and operations.
- SI 4.11** Perform a security vulnerability assessment on critical infrastructure sites.
- SI 5.12** Develop a comprehensive instrumentation implementation program.

FISCAL YEAR 2023-24 ACCOMPLISHMENTS

Administration

- Completed Coachella Roof Safety Project Phase 2 Jennings and Auto Shop Buildings.
- Completed installing 26 Battery Electric Vehicle charging stations and placed 25 Battery Electric Vehicles in service.
- Completed construction of an additional office and remodel project at the Palm Desert Warehouse.
- Developed and implemented the Alarm Management Program.
- Developed and implemented the Service Desk Program for Control.
- Completed a pilot Underground Piping Composite Plan for WRP 10.

FISCAL YEAR 2024-25 GOALS

Implement Fleetio Fleet Management System.

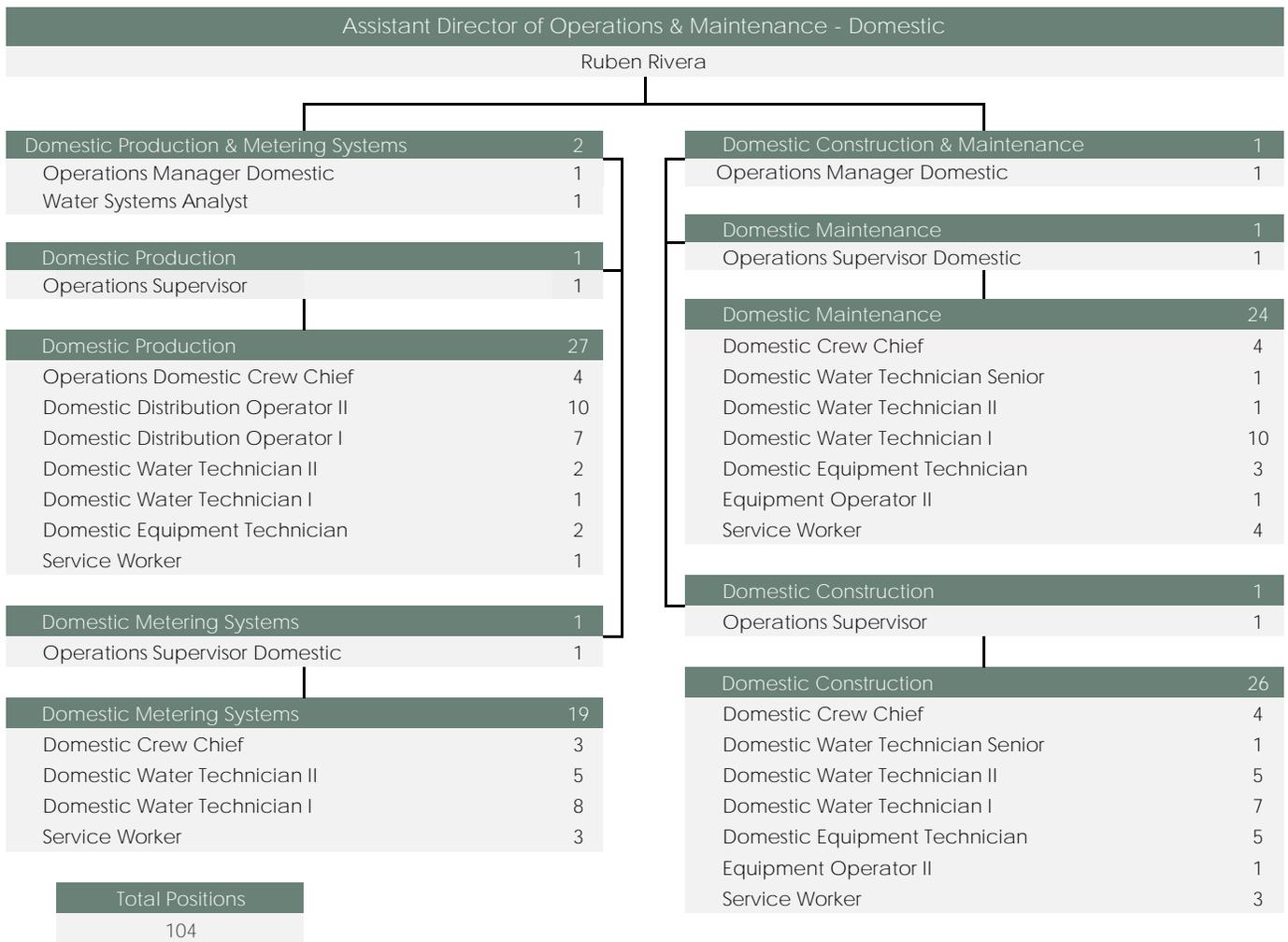
Complete the Security Vulnerability Assessment for Critical Infrastructure Sites (Strategic Initiative No. 12).

Complete the Zero-Emission Fleet Study, including mitigation/recommendations to comply with South Coast Air Quality Management.

Complete Phase III of the PLC Implementation Replacement Program for 30 Domestic Facilities (PLC Upgrade Project).

Create a pilot underground piping composite plan for WRP 4 and 7.

Develop and implement a Water Information Management Solutions (WIMS) program for the Mechanical Division to collect Generator Inspection sheets for compliance reporting.



DOMESTIC WATER DIVISION DESCRIPTIONS

Domestic Water Operations is responsible for the daily operation, maintenance, and repair of the domestic water system to ensure supply meets demand, adequate pressures, and deliveries comply with water quality standards. Domestic Water Operations maintains their focus on the following functions and activities:

Domestic Production

SERVICE WORKERS / WATER QUALITY / WATER TREATMENT

Provides first responder services for all domestic water customer-related issues while maintaining operations 24 hours/day and 7 days/week.

Evaluates and coordinates remedies for pumping facility alarms, thefts, and vandalism for over 220 domestic water facilities.

Records monthly production data and inspections for all sites regularly to ensure operational availability, adequate pressures, and the safety of the infrastructure.

Maintains, repairs, and operates two Ion Exchange Treatment Plants (IXTPs) and provides disinfection of the District's drinking water supply, which consists of wellhead chlorination.

WEST SHORES

The West Shores Crew maintains the West Shores area by performing some or all the duties of the service workers, leak repair, meter repair, maintenance, and construction divisions.

Domestic Metering Systems

BACKFLOW

Performs testing, repair, and replacement of all backflow devices as required by the State.

Conducts field investigations, hazard assessments, and cross-connection tests as required.

Installs, relocates, removes, and repairs temporary construction meters throughout the service area.

METER REPAIR

Maintains well and customer meters throughout the distribution system.

Maintains, repairs, and replaces CVWD's customer meters, well meters, and RAC meters.

Performs random customer water meter testing and production well meter testing annually to ensure accuracy (data collected is used in the water loss audit report mandated by the State).

Coordinates the completion of the Annual Water Loss Audit Report and submittal to the State.

PRESSURE CONTROL DEVICE/AIR-VAC

Maintains, repairs, and troubleshoots air-vacuum/air-release (Air-Vacs) valves and hydraulic and automatic control valves.

Maintains, repairs, and tests hydropneumatic tanks and air compressors to protect the distribution system from pressure surges and spikes.

Domestic Maintenance

SYSTEM MAINTENANCE

Exercises, flushes, inspects and maintains valves and blow-offs within the domestic water system.

VALVE REPAIR

Repairs and replaces domestic water mainline valves within the distribution system.

HYDRANT MAINTENANCE

Exercises, flushes, inspects, and maintains fire hydrants in the domestic water system, including hydrant flow testing.

Maintains and provides water tenders for use in the event of an emergency water outage and for community events promoted by the District's public outreach group.

DOMESTIC MAINTENANCE

Performs all asphalt repairs and well site, reservoir, and booster site maintenance.

Domestic Construction

LEAK REPAIR

Repairs domestic water mainlines and service lines up to the customer's meter.

SERVICE INSTALLATION

Repairs domestic water mainlines and service lines to the customer's meter. In addition, constructs and/or installs new detector check valve assemblies, point of connections for new development, water services, meters, and backflow devices.

FACILITIES / LEAK DETECTION

Surveys the domestic distribution system for non-surfacing leaks to help determine leak locations and document leakage volume.

Assists Wastewater Reclamation Plants (WRPs), Collections, and Nonpotable Crews in tracing the source of possible leaks.

Locates, identifies, and marks all CVWD-owned and operated underground infrastructure for the general public, contractors, other municipalities, and internal departments.

Communicates necessary plat sheet updates with Engineering.

CONSTRUCTION

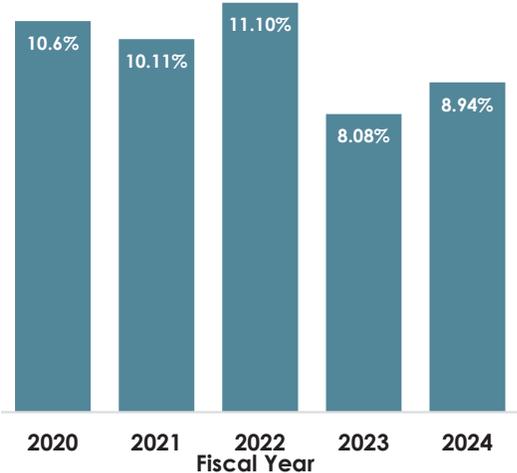
Constructs all new domestic water well ancillary improvements and installs new appurtenances (detector check valve assemblies, fire hydrants, stub-out connections, point of connections for new development, water services, meters, backflow devices, and service lines).

Domestic Water Metrics

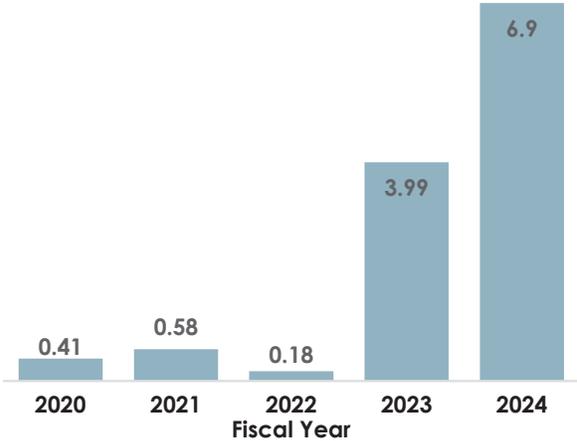
Domestic Operations Workload Measures					
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Repaired/Replaced Fire Hydrants	411	638	406	595	601
Repaired/Replaced Main Line Valves	186	400	399	333	233
Concrete Collars Replaced	85	133	168	290	40
Proactive Meter Replacements	465	4,299	7,460	6,581	5,911
Meter Installations	668	1,040	1,323	1,385	584
Meter Exchanges	1,471	2,364	873	888	809
Meter Register and Box Repairs	5,900	2,957	5,224	1,585	1,124
Automated Meter Reading (AMR) Meter Upgrades	56	57	101	42	35
Customer Service Calls	3,331	4,008	4,778	4,554	4,834
Facilities Maintained (Wells, Boosters, IXTP's, Reservoirs)	13,772	17,075	22,008	25,538	23,674
Facilities Repaired/Replaced (Wells, Boosters, IXTP's, Reservoirs)	563	866	794	767	244
Backflow Devices Tested	9,403	12,513	11,475	10,837	12,081

The first graph depicts the percentage of water loss that the District experiences in a given fiscal year. The second graph depicts the domestic distribution failure rate, or the number of leaks/ breaks the District has experienced per 100 miles of pipe. The District's total distribution system includes 2,024 miles of pipe.

% Distribution System Water Loss

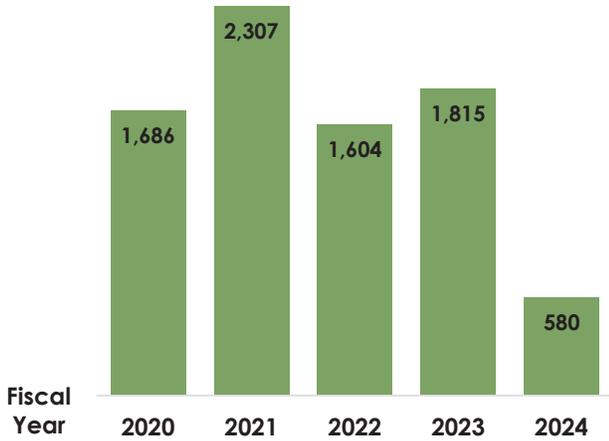


Domestic Leak/Break Failure Rate Per 100 Miles of Pipe

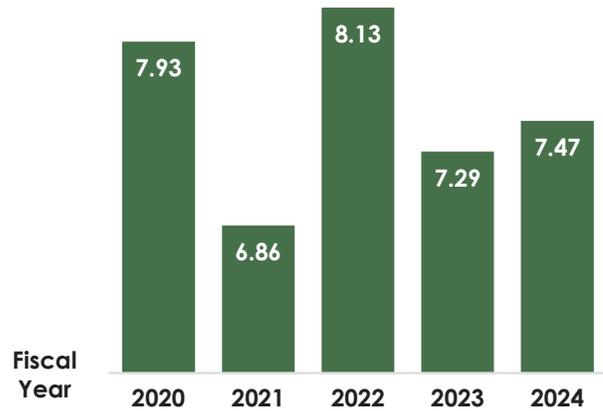


CVWD treats the distribution system with chemicals to ensure that service meets all water quality standards, including disinfection/chlorination of domestic water. The District operates two Ion Exchange Treatment Plants (IXTPs), which treat drinking water through a resin media that removes undesired constituents. Operational data is collected and used to optimize treatment processes and practices. Below are graphs depicting chemical usage at the IXTP and well sites over the past five years.

Chemical Use Domestic Production Ion Exchange Plants Pounds per Million Gallons

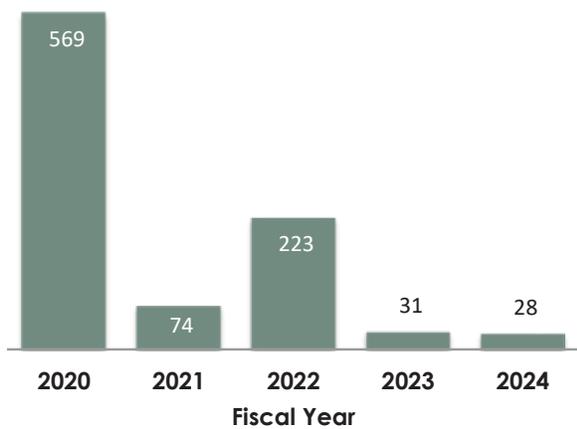


Chemical Use - Domestic Production Pounds per Million Gallons

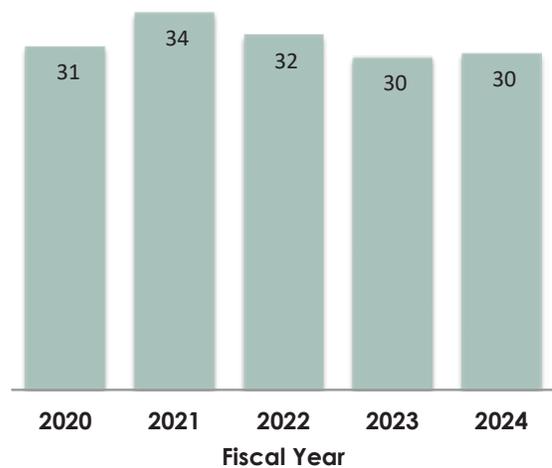


The first graph depicts the amount of water treated at the ion-exchange plants. The second graph shows the amount of water chlorinated. Changes in consumption have a direct correlation to the amount of water chlorinated.

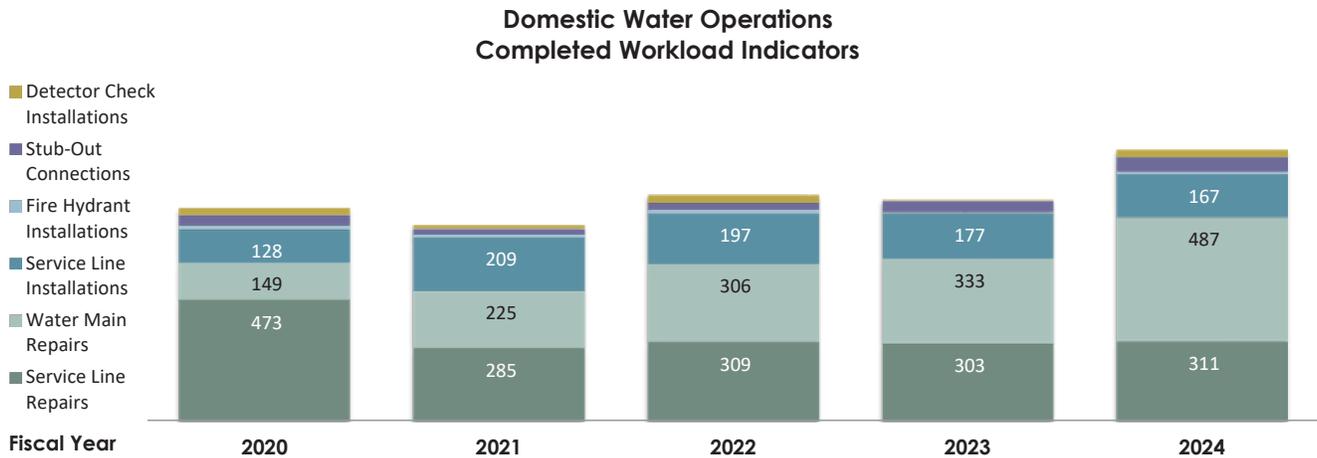
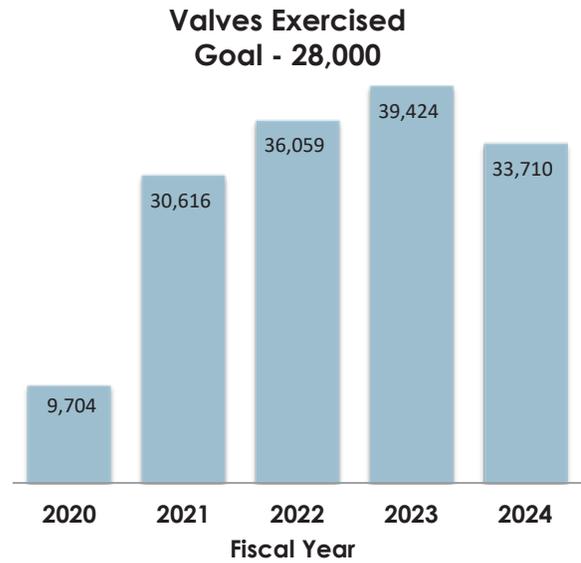
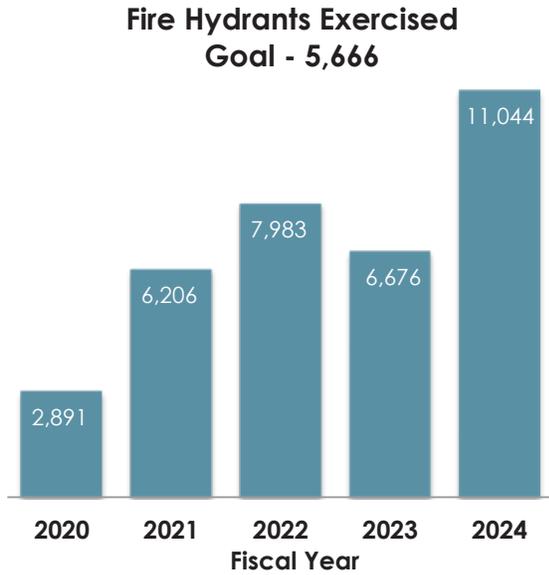
Water Treated in Millions of Gallons Ion-Exchange Treatment Plants



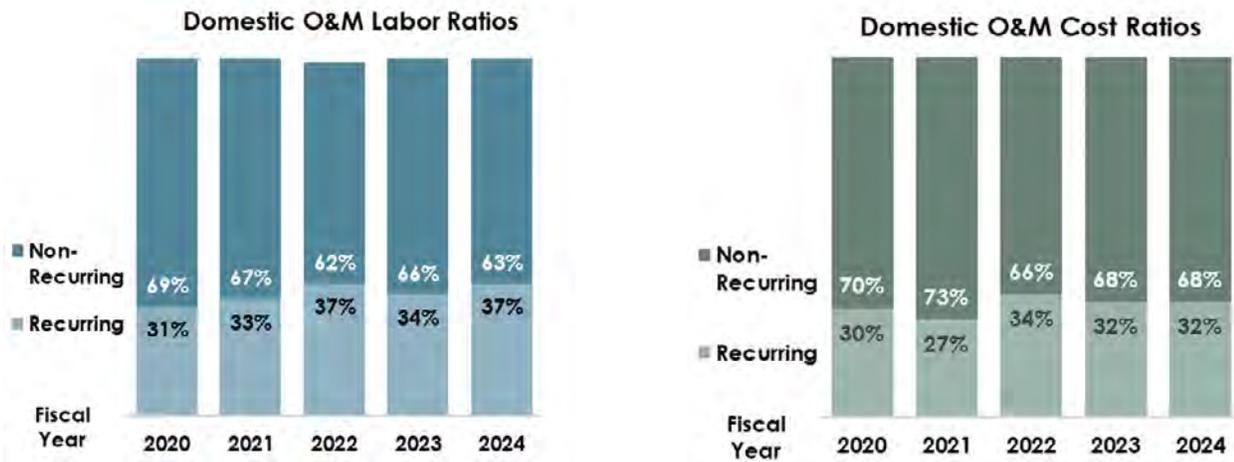
Water Chlorinated in Millions of Gallons



The following graphs show the number of valves and hydrants exercised by the Operations Domestic Water Department. American Water Works Association (AWWA) standards state that all system valves and fire hydrants should be exercised, flushed, and maintained annually.



The following graphs reflect the percentage of costs incurred on recurring and nonrecurring expenses for maintenance activities and the percentage of man-hours worked on recurring and nonrecurring activities.



FISCAL YEAR 2023-24 ACCOMPLISHMENTS

Domestic Water

- Completed the Comprehensive Proactive Meter Replacement Program, Phase 3.
- Complete Valley Production Zone analysis and improve system operations.
- Completed the Combination Air Valve Upgrade Project, Phase 5.
- Completed the PLC Upgrades Project, Phase 2.
- Completed the Annual Consumption Meter Testing Program.
- Completed Fiscal Year 2024 Reservoir Inspections.

FISCAL YEAR 2024-25 GOALS

Domestic Water

- Complete Comprehensive Proactive Meter Replacement Program, Phase 4.
- Complete the Pressure Regulating Stations Upgrade Project, Phase 3.
- Complete the Combination Air Valve Upgrade Project, Phase 6.
- Complete the Annual Consumption Meter Testing Program.
- Complete the PLC Upgrades Project, Phase 3.
- Complete the Pressure Management Program, Phase 1.

Assistant Director of Operations & Maintenance - Sanitation
 Thomas West



SANITATION / NONPOTABLE WATER DIVISION DESCRIPTIONS

Sanitation is responsible for the daily operation of CVWD’s wastewater collection and treatment, which includes optimizing treatment processes and recycling wastewater and biosolids to ensure safe and effective handling of wastewater in accordance with all standards. Nonpotable Water is responsible for the daily operation of the nonpotable water system, the mid-valley pump station, the Palm Desert Groundwater Replenishment Facility, cross-connection testing, and required monitoring and reporting by the State Water Resources Control Board (SWRCB) and maintenance of the distribution system. The Sanitation branch also manages and operates CVWD’s Control Room, which monitors, analyzes, and responds to all alarms, handles after-hour emergencies, dispatches standby staff, and operates the Coachella Canal. Sanitation / Nonpotable/Control Operations concentrates on the following functions and activities:

Sanitation Collections

Provides first responder services for all sanitary/collection system-related issues while maintaining operations 24 hours/day and 7 days/week.

Collects and safely conveys wastewater through 1,129 miles of pipeline to one of five wastewater reclamation plants for treatment.

COLLECTIONS CONSTRUCTION

Installs, repairs, reconstructs, and relocates collection systems and nonpotable water distribution system infrastructure.

Assists with the maintenance and repairs of infrastructure at all Water Reclamation Plants.

Manage odor control program for Collections System.

COLLECTIONS MAINTENANCE

Responsible for Jetting/Cleaning Preventative Maintenance Program for the Collections System.

Cleans lift station wet wells, performs manhole maintenance, and responds to customer service calls related to the Collections System.

Oversee the root control program for the Collections System.

COLLECTIONS OPERATIONS

Completes lift station inspections and cleaning, air relief valve maintenance and repair, and video inspection of the Collection System.

Inspects the force main system.

Install bypass protection systems and troubleshoot problem areas.

Sanitation Operations Workload Measures					
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Vactor/Jetting of Lines - Linear Feet*	1,229,409	1,310,484	931,767	524,985	1,169,298
Manholes Inspected	7,097	13,453	10,633	6,513	4,056
Air Vac Maintenance	1,442	1,785	1,696	1,661	1,292
Video Assessment of Lines - Linear Feet*	437,425	566,310	343,430	403,339	833,595
* Includes combined footage completed by CVWD forces & Contractor for FY 2020, 2021, 2022					

Mechanical

Performs maintenance, repair, and replacement of mechanical equipment at CVWD’s wastewater reclamation plants, lift stations, and pumping plants.

Coordinates the design and construction requirements for mechanical equipment pertaining to the various wastewater systems.

Nonpotable Water

Nonpotable Crew

Assists customers in maximizing the use of recycled and canal water to reduce reliance on groundwater pumping in order to protect the Coachella Valley’s potable water supply.

Markets and promotes the use of nonpotable water throughout the community and holds an annual training event for recycled water customers.

Performs cross-connection testing for each site that uses recycled water, as regulated by State Water Resource Control Board and Regional Water Quality Control Board.

Ensures that customers irrigating with recycled water are abiding by recycled water regulations.

Operates and maintains the nonpotable water distribution system and appurtenances.

Operates the Palm Desert Replenishment facility.

Operates the Mid-Valley Pump Station.

CONTROL

Provides SCADA system monitoring and analysis of all enterprises, including domestic, sanitation, irrigation, stormwater, nonpotable, and other related security systems.

Operates the Coachella Canal, including conveyance, balancing water orders, and water deliveries to the irrigation distribution system.

Provides emergency phone service, dispatch call-outs, system troubleshooting, and public access to CVWD 24 hours/day, 7 days/week.

Heads the Alarm Management Program to minimize unnecessary frequent and nuisance alarms and ensures that all SCADA alarms are monitored, acknowledged, analyzed, and responded to appropriately.

Control Workload Measures					
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Average Number of Alarms per Shift	258	846	530	662	709
Average Number of Critical Alarms per Shift	16	45	37	43	72
Number of SCADA Alarms per Year	282,661	641,920	581,325	483,070	412,679

Wastewater Reclamation Plants (WRPs)

Operates CVWD’s wastewater reclamation plants, including the following:

WRPs 1 and 2 treat wastewater by utilizing sludge lagoons and treated effluent percolation ponds, which help replenish the area’s groundwater supply.

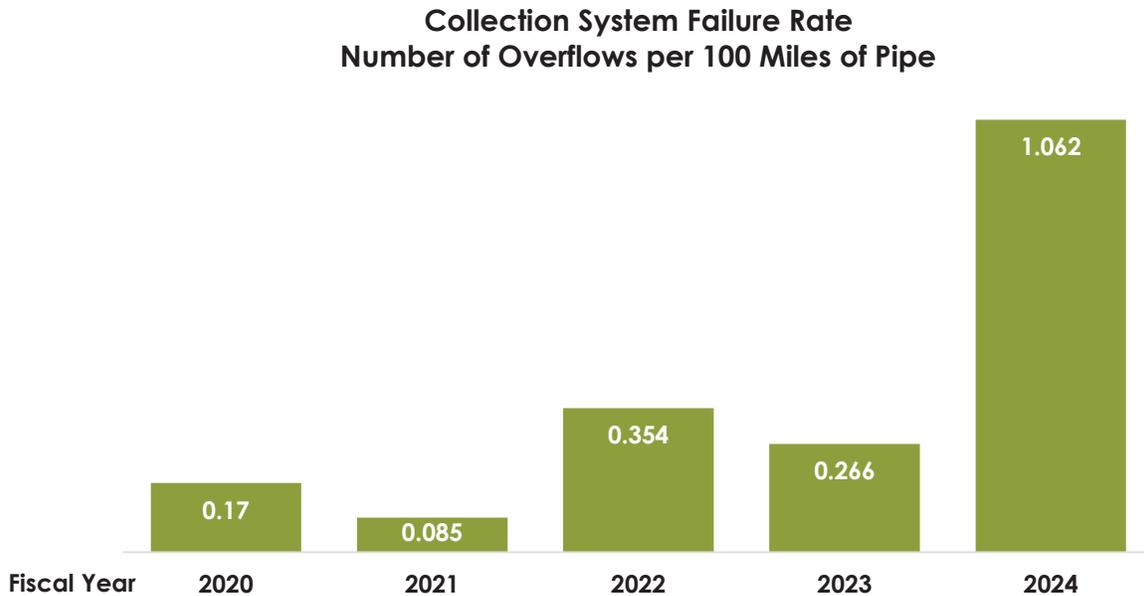
WRP 4 consists of two secondary treatment processes to treat wastewater: Biolac-activated sludge and sludge lagoon treatment. Disinfection is achieved through chlorination, and the final effluent is de-chlorinated prior to discharge to meet strict regulatory standards. In addition to the treatment of the wastewater, WRP 4 produces unclassified Biosolids for beneficial reuse.

WRP 4 discharges into the Coachella Valley Stormwater Channel and is the District’s only plant with a National Pollutant Discharge Elimination System (NPDES) permit.

WRPs 7 and 10 are Conventional Activated Sludge Plants that produce secondary and tertiary treated effluent disinfected with chlorine gas to meet CCR Title 22 state standards for nonpotable water for golf course and landscape irrigation. In addition to the treatment of the wastewater, WRP 7 and 10 produce unclassified Biosolids for beneficial reuse. WRPs 7 and 10 operate under Waste Discharge Requirement (WDR) Permits.

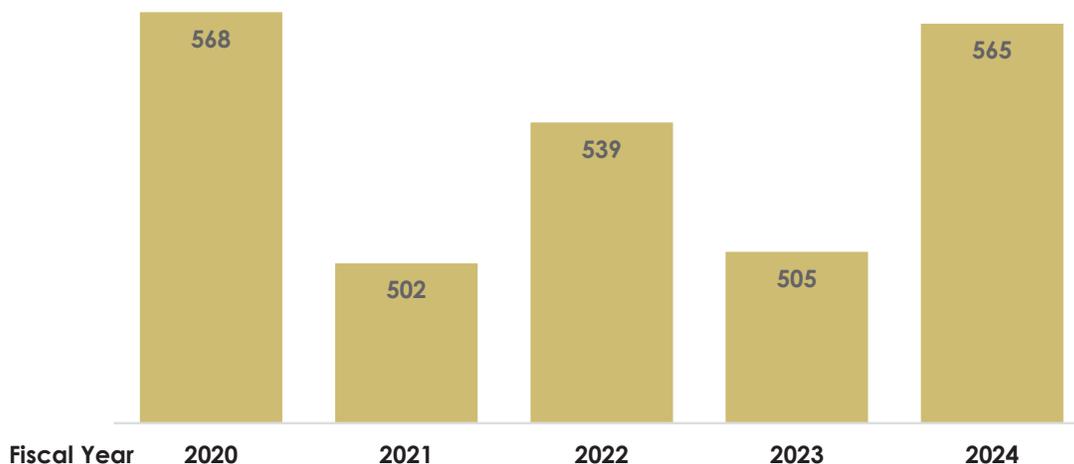
Sanitation Metrics

The following graph depicts the District’s collection system fail rate, or the number of overflows the District has experienced per 100 miles of pipe. The District’s collection system includes 1,129 miles of pipe.



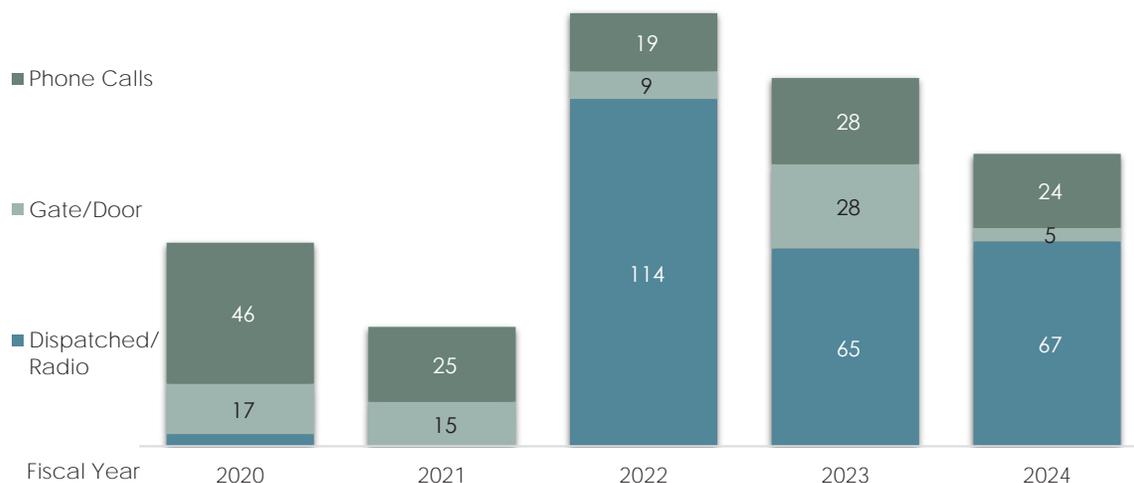
At wastewater treatment plants, chemicals are used in various treatment processes to clean the water and ensure it can be safely released into the environment. CVWD collects data on the operations to optimize treatment processes and practices. The graph depicts chemical usage at the wastewater treatment plants over the past five years.

Chemical Use - Wastewater Treatment Plants
Pounds per 1 Million Gallons

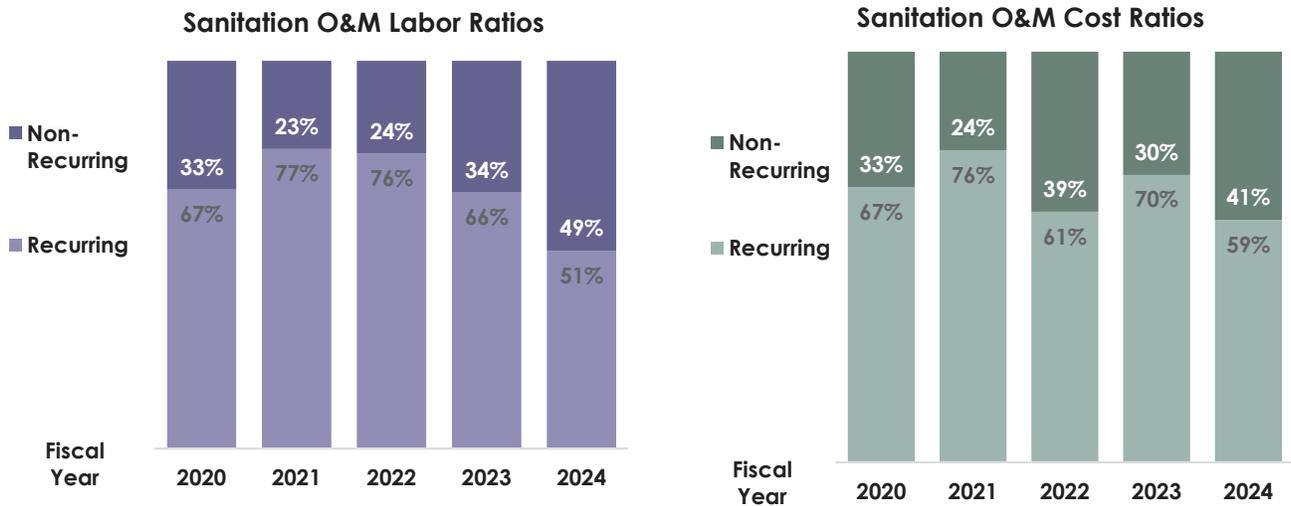


The following graph reflects the total calls received, the number of gate/door entries facilitated, and the number of dispatched/radio calls placed by Control annually. Dispatched/Radio data is unavailable for Fiscal Year 2021.

Control Room Activities
Numbers in Thousands



The following graphs reflect the percentage of costs incurred on recurring and nonrecurring expenses for maintenance activities and the percentage of hours worked on recurring and nonrecurring activities.



FISCAL YEAR 2023-24 ACCOMPLISHMENTS

Sanitation

- Developed the initial reports in the Water Information Management Solution (WIMS) for the Nonpotable Water Program.
- Reviewed and updated the Sanitation Spill Emergency Response Plan.
- Completed the refurbishment of the mechanical components for WRP10’s A-Plant.
- Completed developing and implementing an alternative dichlorination system for WRP4.
- Completed special sampling at 4 lift stations to capture water quality data for toxicity concerns at WRP 4.
- Completed implementing odor control mitigation strategies in key areas of the Wastewater system.

FISCAL YEAR 2024-25 GOALS

Sanitation

- Develop and Implement succession planning for expected vacancy in Control.
- Hold Spanish speaking and English speaking On-Site Supervisor Training events for recycled water customers.
- Prepare for Nonpotable Water delivery to five new customers downstream of WRP10.
- Complete the SCADA Time of Use Program.
- Install water quality instrumentation at some lift stations, WRP 4 and 7 to monitor water quality for use to better understand wastewater characteristics.
- Continue to develop and implement phase II of the WRP10 underground piping composite plan to prepare for incorporation into CMMS.

Assistant Director of Operations & Maintenance - Facilities & Maintenance

Chad Austin

Operations	1	Electrical	26
Operations Manager Facilities	1	Electrical Supervisor	1
Canal & Irrigation Distribution	17	Operations Crew Chief Electrical	2
Operations Supervisor Stormwater, Canal & Drain	1	Operations Crew Chief Pump Maintenance	1
Operations Crew Chief Stormwater, Canal & Drain	2	Electrician Senior	1
Canal Water Technician Senior	1	Electrician II	7
Canal Water Technician II	4	Electrician I	6
Canal Water Technician I	9	HVAC Technician II	2
Facilities Maintenance	7	HVAC Technician I	2
Operations Supervisor Grounds	1	Pump Maintenance Technician I	4
Grounds Maintenance Technician	1	Stormwater & Drainage	17
Grounds Maintenance Worker	5	Operations Supervisor Stormwater, Canal & Drain	1
Zanjeros	16	Operations Crew Chief Stormwater, Canal & Drain	1
Operations Crew Chief Zanjero	1	Heavy Equipment Operator	5
Senior Zanjero	3	Equipment Operator II	8
Zanjero II	2	Equipment Operator I	2
Zanjero I	3	Electronics	18
Service Worker	6	Electronics Supervisor	1
Canal Water Specialist	1	Assistant Electronics Supervisor	1
Motorpool - Auto Shop	18	Electronics Specialist	1
Fleet & Equipment Manager	1	Electronics Technician II	5
Operations Supervisor Automotive	1	Electronics Technician I	10
Operations Crew Chief Automotive	2	Building Maintenance	17
Fleet & Equipment Technician II	6	Operations Supervisor Buildings	1
Fleet & Equipment Technician I	6	Operations Crew Chief Buildings	1
Fleet & Equipment Parts Specialist	2	Operations Crew Chief Welding	1
Total Positions	138	Building Maintenance Technician	5
		Building Maintenance Worker	5
		Welder II	2
		Welder I	2

FACILITIES & MAINTENANCE DIVISION DESCRIPTIONS

Facilities & Maintenance performs a wide range of technical and support services, including the following:

Stormwater & Drainage

Maintains the Whitewater River and Coachella Valley Stormwater Channels, their tributaries, the drainage system, and the protective dikes.

Operates and maintains the Whitewater Groundwater Replenishment Facility.

Provides heavy equipment support services throughout CVWD.

Canal

Maintains the Coachella Canal, including radial gates, canal access roads, slopes, and lateral turnouts.

Operates and maintains the Quagga Mussel Treatment Facility.

Irrigation Distribution

Maintains the Irrigation Distribution System, including 485 miles of pipeline and over 1,200 irrigation meters.

Performs valve replacement, pipe repair, and replacement of distribution laterals through coordinated outages.

Facilities Maintenance

Maintains the landscaping for all CVWD campuses and CVWD-owned facilities throughout the service area.

Manages on-call maintenance contracts for well sites and undeveloped CVWD properties.

Zanjeros

Delivers canal water to the farming community, golf courses, and other customers through the irrigation delivery system and Mid-Valley Pipeline.

Conveys canal water to the Water Reclamation Plants (WRPs) 7 and 10 for blending purposes and to the Palm Desert and the Thomas E. Levy Groundwater Replenishment Facilities.

Electrical

Maintains all electrical equipment for all CVWD facilities.

Provides electrical design reviews for capital improvement projects.

HVAC MAINTENANCE

Maintains all heating, ventilating, and air conditioning (HVAC) equipment for all CVWD facilities.

Maintains the energy management system software program to ensure optimization of heating/cooling of CVWD facilities.

PUMP MAINTENANCE

Maintains all domestic, irrigation, drainage, and recharge pumps and motors.

Responsible for deep-well video recording and analysis, pump troubleshooting, and vibration analysis.

Building Maintenance

Maintains all CVWD Campuses and provides support services for all Departments.

Performs all steel design and fabrications, concrete work, and special coatings/sealants for all CVWD infrastructure.

Electronics

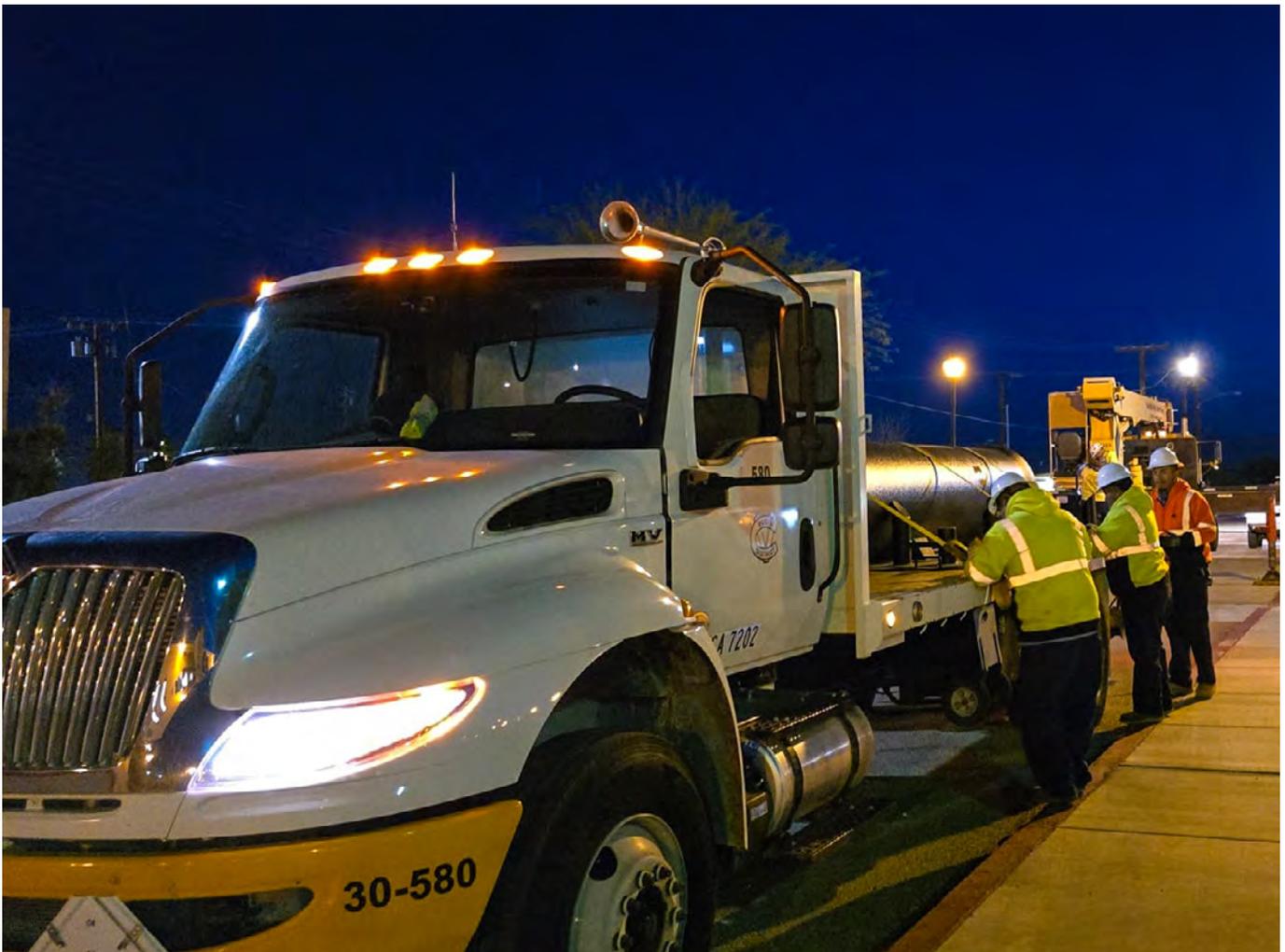
Provides electronic and instrumentation design reviews for capital improvement projects.

Maintains all programmable logic control systems and related instrumentation for all domestic, sanitation, irrigation, and nonpotable facilities.

Motorpool – Auto Shop

Maintains and services all 976 vehicles and equipment within the CVWD fleet.

Manages all CVWD vehicles and equipment, including procurement and disposal.



CVWD employees transport a ceremonial pipe from a community celebration.

Facilities & Maintenance Metrics

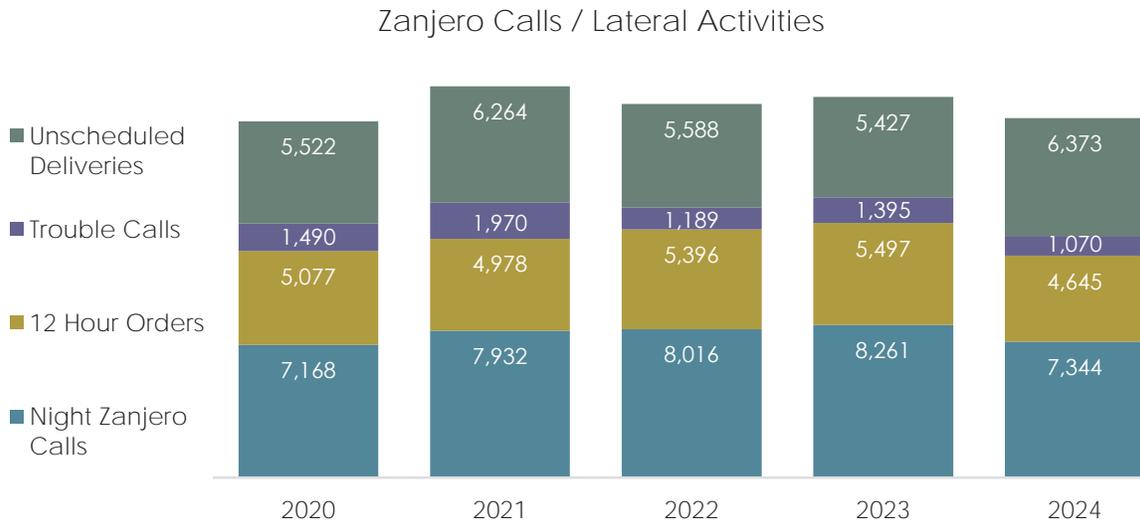
Facilities & Maintenance Workload Measures					
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Stormwater & Drainage					
Vegetation Maintenance of Stormwater Channel (Linear Feet)	453,666	317,381	115,752	68,640	36,062
Percolation Ponds Ripped	20	33	28	21	21
Percolation Pond Sediment Excavation (Cubic Yards)	142,910	37,665	-	65,668	257,318
Maintenance of Service Roads (Miles)	70	87	206	100	277
Canal					
Concrete Panel Replacement	-	4	5	3	12
Maintenance of Radial Gates	2	1	2	1	-
Maintenance of Canal Service Roads (Miles)	235	270	84	175	322
Distribution					
Replacement of Distribution Valves	25	48	31	24	23
Repair of Distribution Valves	72	88	69	57	32
Distribution Leak Repairs	69	85	82	63	91
Replacement of Distribution Laterals (Linear Feet)	1,093	639	1,726	2,857	767
Facilities Maintenance					
Maintenance of District Facilities	705	717	926	966	1,021
Inspection of District Facilities	1,825	2,024	1,958	2,443	2,146
Weed Abatement of Facilities	219	231	165	346	396
Electronics					
Plant Instrumentation Calibrations	471	744	822	968	1,049
Preventative Maintenance of Communication Systems	68	63	92	87	75
Maintenance of Weather Stations	39	37	48	48	42
Electrical					
Electrical Preventive Maintenance Work Activity	140	94	849	2,440	3,808
HVAC Maintenance					
HVAC System Preventive Maintenance Work Activity	2,202	1,950	1,212	1,606	2,282
Pump Maintenance					
Pump Preventive Maintenance Work Activity	1,320	1,243	1,888	2,568	2,766
Building Maintenance					
Graffiti Removal	27	120	65	42	26
Irrigation Meter Can Locking Devices	86	80	85	72	50
Extension of Irrigation Valve Stems	65	68	68	52	45
Zanjeros					
Valves Exercised Annually - Goal 1,000	1,230	1,008	1,240	1,558	1,403
Acre-feet Recharged at TEL	36,075	38,016	38,092	9,074	2,076
Irrigable Acres (calendar year)	77,121	78,046	N/A	N/A	N/A
Motorpool - Auto Shop					
Fleet Capital Improvement Projects Completed	100%	99%	8%	100%	87%
Vehicle Out of Service Percentage - Goal 8% or less	3.7%	2.0%	9.0%	7.7%	7.2%

The following tables reflect the percentage of costs incurred on recurring and nonrecurring expenses for maintenance activities and the percentage of hours worked on recurring and nonrecurring activities by division for the past five years.

Facilities & Maintenance O&M Cost Ratios											
Rec = Recurring Expense Non = Non-Recurring Expense	FY 2020		FY 2021		FY 2022		FY 2023		FY 2024		
	Rec	Non									
Stormwater & Drainage											
Stormwater & Drainage	19%	81%	69%	31%	54%	46%	43%	59%	21%	79%	
Canal & Distribution System Maintenance											
Canal Distribution Maintenance	6%	94%	13%	87%	18%	72%	16%	84%	13%	87%	
Canal Maintenance	84%	16%	81%	19%	89%	11%	85%	15%	76%	24%	
Facilities Maintenance											
Carpenter Shop	6%	94%	18%	82%	21%	79%	22%	78%	23%	77%	
Welding Shop	14%	86%	4%	96%	12%	88%	0%	100%	0%	100%	
Facilities Maintenance	80%	20%	74%	26%	74%	26%	75%	25%	91%	9%	
Electronics											
Electronic Technicians	5%	95%	11%	89%	16%	84%	17%	83%	14%	86%	
Electrical											
Electricians	19%	81%	15%	85%	24%	76%	22%	78%	22%	78%	
HVAC Maintenance	58%	42%	51%	49%	50%	50%	43%	57%	40%	60%	
Pump Maintenance											
Pump Maintenance	30%	70%	32%	68%	30%	70%	26%	74%	19%	81%	
Combined Ratio Facilities & Maintenance	43%	57%	47%	53%	46%	54%	41%	59%	32%	68%	

Facilities & Maintenance O&M Labor Hour Ratios											
Rec = Recurring Expense Non = Non-Recurring Expense	FY 2020		FY 2021		FY 2022		FY 2023		FY 2024		
	Rec	Non									
Stormwater & Drainage											
Stormwater & Drainage	37%	63%	59%	41%	42%	58%	26%	74%	23%	77%	
Canal & Distribution System Maintenance											
Canal Distribution Maintenance	9%	91%	17%	83%	32%	68%	26%	74%	34%	66%	
Canal Maintenance	67%	33%	66%	34%	54%	46%	44%	56%	48%	52%	
Facilities Maintenance											
Carpenter Shop	6%	94%	22%	78%	27%	73%	28%	72%	29%	71%	
Welding Shop	14%	86%	4%	96%	14%	86%	0%	100%	0%	100%	
Facilities Maintenance	80%	20%	75%	25%	75%	25%	76%	24%	92%	8%	
Electrical											
Electricians	18%	82%	14%	86%	29%	71%	29%	71%	30%	70%	
HVAC Maintenance	59%	41%	54%	46%	61%	39%	61%	39%	56%	44%	
Pump Maintenance											
Pump Maintenance	67%	33%	59%	41%	67%	33%	66%	34%	66%	34%	
Electronics											
Electronic Technicians	4%	96%	7%	93%	13%	87%	16%	84%	17%	83%	
Combined Ratio Facilities & Maintenance	42%	58%	44%	56%	44%	56%	40%	60%	35%	65%	

The following graph depicts the various Zanjero calls and lateral activities that are responded to annually.



FISCAL YEAR 2023-24 ACCOMPLISHMENTS

Facilities and Maintenance

Completed Irrigation-Distribution System improvements as recommended by the US Bureau of Reclamation (USBR) Inspection Report.

Complete Phase 2 of the PLC Implementation Replacement Program for 38 Domestic Facilities and 13 Sanitation Lift Station Panels (PLC Upgrade Project).

Removed 336,420 cubic yards of sediment from the Whitewater Groundwater Replenishment Facility (WGRF).

Coachella Administration Building - Women’s Bathroom Remodel (MG).

Completed the installation of an independent exhaust system for an Inductively Coupled Plasma Mass Spectrometry (ICP-MS) unit at the Critical Service Building (Palm Desert Lab).

Developed and implemented a generator load testing program for WRP 7.

FISCAL YEAR 2024-25 GOALS

Facilities and Maintenance

Install new automated radial gate and lifting hoist assembly (MP 97.1) for the Oasis-In-Lieu project.

Complete 6 miles of sediment removal from the Coachella Canal.

Complete upgrade for MCC2 auto transfer switch (ATS) at WRP 4.

Complete the replacement of auto transfer switches (ATS) at five (5) critical facilities.

Complete Coachella Roof Safety Project, Phase 3.

Complete IXTP Platform Safety Improvements.

Operations & Maintenance Department	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Expenses by Type						
Salaries and Wages	\$ 30,080,927	\$ 32,091,118	\$ 32,496,898	\$ 34,841,769	\$ 2,344,871	7.2%
Employee Benefits	17,228,129	19,015,284	19,683,294	20,536,279	852,985	4.3%
Outside Labor	34,064	69,823	-	-	-	-
Professional Development	147,904	165,941	218,230	231,277	13,047	6.0%
Professional Services	395,445	107,498	270,800	220,800	(50,000)	-18.5%
Utilities	22,674,674	25,339,883	23,067,570	24,009,231	941,661	4.1%
Materials and Supplies	15,846,897	16,807,224	13,254,165	14,274,360	1,020,195	7.7%
Motorpool	6,026,737	6,640,916	5,903,867	6,533,181	629,314	10.7%
Contract Services	9,082,020	7,791,350	10,172,554	9,306,515	(866,039)	-8.5%
Safety	180,402	187,243	182,500	182,500	-	-
Miscellaneous Expense	464,620	823,344	386,712	391,712	5,000	1.3%
Capital Outlay	470,973	529,944	426,133	613,579	187,446	44.0%
Total	\$ 102,632,792	\$ 109,569,567	\$ 106,062,723	\$ 111,141,203	\$ 5,078,480	4.8%

Expenses by Division

Administration	\$ 1,940,064	\$ 1,526,095	\$ 1,738,676	\$ 1,675,888	\$ (62,788)	-3.6%
Buildings and Facilities	1,694,080	1,875,569	2,241,287	1,813,200	(428,087)	-19.1%
Administration	672,246	698,866	711,474	740,741	29,267	4.1%
Carpentry	1,979,197	2,201,072	1,820,450	1,937,875	117,425	6.5%
Welding	845,541	902,946	841,645	1,055,532	213,887	25.4%
Administration	585,389	522,368	737,342	819,563	82,221	11.2%
FM Workers	758,500	903,193	864,171	924,993	60,822	7.0%
Administrative	862,845	969,617	960,711	1,013,233	52,522	5.5%
Electricians	5,116,971	3,472,074	3,593,890	3,811,437	217,547	6.1%
Pump Maintenance	1,488,488	1,388,452	1,468,666	1,713,063	244,397	16.6%
Air Conditioners	754,127	1,072,952	616,614	652,604	35,990	5.8%
Administration	1,271,811	1,506,447	1,699,055	1,434,882	(264,173)	-15.5%
Distribution Maintenance	1,534,630	1,387,158	1,357,750	1,424,738	66,988	4.9%
Canal Maintenance	4,082,662	4,161,360	4,368,652	4,389,999	21,347	0.5%
Administration	1,010,199	1,198,996	1,357,615	1,397,509	39,894	2.9%
Electronic Technicians	3,306,830	3,970,623	3,312,233	3,643,626	331,393	10.0%
Administration	447,799	501,068	536,961	544,613	7,652	1.4%
Stormwater Drainage Crew	5,266,300	7,093,873	5,984,535	6,268,794	284,259	4.7%
Administration	814,833	919,089	1,092,699	1,604,439	511,740	46.8%
Zanjeros	2,783,431	2,431,730	2,861,771	2,419,840	(441,931)	-15.4%
Administration	1,197,813	1,139,998	1,594,472	1,640,442	45,970	2.9%
Emergency Response	40	-	-	-	-	-
Control	1,429,527	1,472,520	1,492,940	1,544,574	51,634	3.5%
Nonpotable Admin	228,741	250,931	252,784	266,996	14,212	5.6%
Production Admin	493,686	568,829	583,034	593,639	10,605	1.8%
Construction Admin	282,991	326,008	327,073	315,861	(11,212)	-3.4%
Wastewater Admin	315,042	346,356	378,921	395,571	16,650	4.4%
Nonpotable Operations	1,595,313	1,971,653	1,761,599	2,078,480	316,881	18.0%
Administration	15,012,233	16,210,865	16,228,327	16,328,240	99,913	0.6%
Date Palm	1,245,765	1,309,511	1,351,557	1,478,047	126,490	9.4%
Valley	1,312,498	1,340,575	1,349,573	1,395,651	46,078	3.4%
Leak Repair	1,458,744	1,394,743	1,374,563	1,468,093	93,530	6.8%
Service Installation	1,270,501	1,049,513	1,286,313	1,322,687	36,374	2.8%
La Quinta	1,248,105	1,154,672	1,321,554	1,389,192	67,638	5.1%
Back Flow	1,493,179	1,529,791	1,422,395	1,510,890	88,495	6.2%
Ops Met Sys - Meter Rpr	2,809,175	2,573,898	2,297,716	2,371,184	73,468	3.2%
Treatment Administration	253,354	276,190	283,083	342,051	58,968	20.8%
West Shore	2,202,746	2,062,391	2,146,777	2,234,078	87,301	4.1%
Facility/Leak Detection	1,265,767	1,426,120	1,455,652	1,496,864	41,212	2.8%
System Maintenance	714,215	851,888	881,628	902,469	20,841	2.4%
Maintenance Admin	576,137	892,770	724,624	778,447	53,823	7.4%
Valve Repair	1,182,297	1,220,622	1,181,943	1,265,484	83,541	7.1%

OPERATIONS & MAINTENANCE

Operations & Maintenance Department	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Hydrant Maintenance	1,070,583	1,183,078	1,087,662	1,113,245	25,583	2.4%
Pressure Control Devices	1,851,556	1,335,816	1,329,317	1,343,887	14,570	1.1%
Domestic Maintenance	1,351,728	1,678,371	1,408,435	1,412,874	4,439	0.3%
Construction Admin	280,121	351,156	322,348	347,346	24,998	7.8%
Construction Crew 1	1,564,798	2,464,880	1,659,615	1,873,773	214,158	12.9%
Emergency Response Crew	746,202	1,068,420	655,282	730,130	74,848	11.4%
Collections Admin	505,673	603,874	514,297	577,736	63,439	12.3%
Collections Construction	1,116,940	1,277,197	1,135,516	1,281,323	145,807	12.8%
Collections Maintenance	1,133,700	1,547,533	1,720,307	1,831,737	111,430	6.5%
Collections Operations	965,062	1,226,387	1,174,643	1,327,310	152,667	13.0%
1,2,4 Administration	1,948,838	2,396,683	1,739,009	2,081,916	342,907	19.7%
WRP 7,9 Administration	1,217,365	1,533,837	1,094,520	1,381,669	287,149	26.2%
WRP 10 Administration	3,371,380	3,047,428	2,904,109	3,268,490	364,381	12.5%
WRP 1,2,4 Operations	1,842,006	2,025,087	1,937,348	2,091,805	154,457	8.0%
WRP 7,9 Operators	1,768,956	1,849,598	1,893,330	2,043,082	149,752	7.9%
WRP 10 Operators	4,065,306	4,718,599	4,460,822	4,454,897	(5,925)	-0.1%
Administration	222,239	241,796	241,341	264,668	23,327	9.7%
Mechanical Technicians	2,806,528	2,946,438	2,922,097	3,309,806	387,709	13.3%
Total	\$ 102,632,792	\$ 109,569,567	\$ 106,062,723	\$ 111,141,203	\$ 5,078,480	4.8%
Expenses by Fund						
Domestic Water	\$ 50,145,094	\$ 52,814,439	\$ 50,463,094	\$ 52,500,526	\$ 2,037,432	4.0%
Canal Water	14,220,139	14,405,126	15,944,626	15,944,475	(151)	0.0%
West Whitewater Replenishment	3,970,725	3,911,277	4,212,852	4,213,129	277	0.0%
Mission Creek Replenishment	-	3,128	-	-	-	-
East Whitewater Replenishment	1,407,924	1,229,404	745,729	897,452	151,723	20.3%
Sanitation	28,009,513	30,914,973	29,087,171	31,708,374	2,621,203	9.0%
Stormwater Fund	4,628,522	5,874,275	5,345,867	5,563,586	217,719	4.1%
Motor Pool Fund	250,875	416,945	263,384	313,661	50,277	19.1%
Total	\$ 102,632,792	\$ 109,569,567	\$ 106,062,723	\$ 111,141,203	\$ 5,078,480	4.8%

⁽¹⁾ Unaudited

Motor Pool Department	FY 2023 Actual	FY 2024 Actual ⁽¹⁾	FY 2024 Budget	FY 2025 Budget	Budget Change	% Change
Expenses by Type						
Salaries and Wages	\$ 1,815,233	\$ 1,857,326	\$ 1,884,851	\$ 1,972,223	\$ 87,372	4.6%
Employee Benefits	1,041,758	1,124,667	1,186,111	1,204,884	18,773	1.6%
Professional Development	11,329	4,291	14,500	14,500	-	-
Self-Insurance Costs	(2,660)	-	-	-	-	-
Utilities	2,610	3,675	3,000	3,000	-	-
Materials and Supplies	1,145,033	1,227,679	861,500	914,350	52,850	6.1%
Motorpool	182,098	187,009	140,000	180,000	40,000	28.6%
Contract Services	449,614	576,026	591,229	441,229	(150,000)	-25.4%
Safety	10,107	10,486	6,048	6,048	-	-
Miscellaneous Expense	3,853	16,832	1,500	1,500	-	-
Capital Outlay	-	179,080	250,000	47,991	(202,009)	-80.8%
Total	\$ 4,658,975	\$ 5,187,070	\$ 4,938,739	\$ 4,785,725	\$ (153,014)	-3.1%
Expenses by Division						
Auto Shop	\$ 3,335,048	\$ 3,862,856	\$ 3,519,801	\$ 3,313,870	\$ (205,931)	-5.9%
Service Station	341,734	349,159	391,300	427,279	35,979	9.2%
Administration	982,193	975,055	1,027,638	1,044,576	16,938	1.6%
Total	\$ 4,658,975	\$ 5,187,070	\$ 4,938,739	\$ 4,785,725	\$ (153,014)	-3.1%
Expenses by Fund						
Domestic Water	\$ 141,522	\$ 120,926	\$ 121,939	\$ 24,500	\$ (97,439)	-79.9%
Canal Water	25,447	16,332	34,840	7,000	(27,840)	-79.9%
East Whitewater Replenishment	6,158	591	6,969	1,400	(5,569)	-79.9%
Sanitation	118,047	85,868	139,358	28,000	(111,358)	-79.9%
Stormwater Fund	-	7,055	-	-	-	-
Motor Pool Fund	4,367,801	4,956,299	4,635,633	4,724,825	89,192	1.9%
Total	\$ 4,658,975	\$ 5,187,070	\$ 4,938,739	\$ 4,785,725	\$ (153,014)	-3.1%

⁽¹⁾ Unaudited



CVWD fleet vehicles

CAPITAL IMPROVEMENTS



What are Capital Improvements?

Capital improvements include the purchase, construction, replacement, addition, or major repair of public facilities, infrastructure, and equipment. The selection and evaluation of capital projects involves analysis of District requirements, growth assumptions, evaluation of age/risk of failure, and the consideration of historical perspectives. A capital project has a monetary value of at least \$10,000, a useful life of more than a year, and results in the creation or revitalization of a capital asset. A capital project is significantly larger compared to other smaller capital outlay items included in the annual operating budget. Vehicles and heavy equipment are considered capital assets by the District for financial planning.

Capital Asset Policy

CVWD has a significant investment in a variety of capital assets which are used to provide services to customers. Per the District's Capital Asset Policy, an asset costing \$10,000 or more and with a useful life of more than one year is depreciated for financial accounting purposes. A capital asset acquired with federal grant funds is capitalized if it has a cost greater than \$5,000. Land is not subject to capitalization thresholds. All land purchases, regardless of cost, are capitalized and are non-depreciable. In addition, water rights are not subject to capitalization thresholds. All water rights purchases, regardless of cost, are capitalized and are non-depreciable.

What is the Capital Improvement Plan (CIP)?

The CIP is a multiyear plan used to identify and coordinate public facility and equipment needs in a way that maximizes the return to ratepayers. Planning for District projects helps the Board, staff, and public make choices based on anticipated needs rather than reacting to events as they occur. The CIP represents improvements or replacements that are viewed as critical and have a funding plan. This system of CIP management is essential because (1) the benefit of investing or consequence of not investing in capital improvements extends far into the future; (2) decisions to invest are often irreversible; and (3) such decisions significantly influence a community's ability to grow and prosper.

The CIP Process

The development and update of the CIP is an ongoing activity and is included in the FY 2025 budget process since year 1 capital improvements are implemented through the adoption of the annual budget. Specific activities in the process include:

ESTABLISHING TIMETABLES, GOALS, AND OBJECTIVES: At the onset of the budgeting process, the CIP update begins with formal budget planning discussions between management, department heads, and the Board of Directors. Timetables are set that extend through budget development and final budget adoption. District goals and objectives are reviewed to ensure that they are being met through the budget cycle.

TAKING INVENTORY AND DEVELOPING PROPOSALS: Staff gathers information and assesses the condition of District capital facilities and equipment. After review, staff carefully considers the need for construction, repair, replacement, and additions. From there, a list of proposed projects and equipment is developed.

CONDUCTING FINANCIAL ANALYSIS: Finance staff analyzes historical and projected revenues and expenses to estimate the District's cash flow and long-term financial condition. Capital financing alternatives are identified, and recommendations are prepared to match the type of funding most appropriate for specific capital improvements.

How are Capital Improvements Funded?

Various funding sources are utilized, including pay-as-you-go, reimbursements, grants, and debt. Restricted developer fees, such as Sanitation Capacity Charge (SCC), Supplemental Water Supply Charge (SWSC), Water System Backup Facility Charge (WSBFC), and Water Demand Offset Fee (WDOF) are also used. Each project is reviewed during the planning process to determine the appropriate financing sources to use. The following list provides additional information on typical funding sources:

PAY-AS-YOU-GO (PAY-GO): To the extent that there is available cash within an enterprise fund, the District funds capital projects on a pay-as-you-go basis or through planned use of available reserves.

REIMBURSEMENTS: The District often enters into agreements with other entities whereby CVWD will build certain projects with the understanding that that entity will reimburse all or a portion of the project.

GRANTS: The District actively pursues eligible state and federal grant programs to help finance much needed capital improvement projects. Most grants are received on a reimbursement basis. They may require a District match, meaning the District must initially pay for the cost of the project, seek reimbursement from the granting agencies, and contribute to any required match with pay-go funding.

DEBT: As the need for large capital improvement projects has increased, the District has pursued alternative financing options, including federal and state loans and the issuance of public debt to fund needed projects.

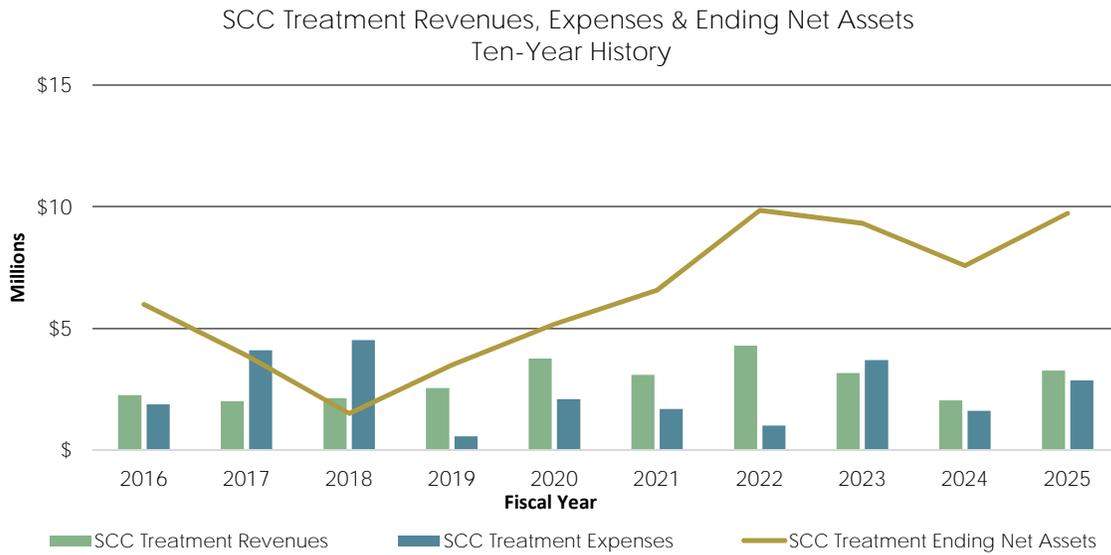
SANITATION CAPACITY CHARGES (SCC): The District assesses SCC-Collection and SCC-Treatment fees on all new development, redevelopment projects, connections to existing residential units, and upgrades of existing commercial units within the District's sanitation service area. These restricted funds can only be used for constructing backbone facilities for the collection and treatment of wastewater to provide additional sanitation services.

SUPPLEMENTAL WATER SUPPLY CHARGE (SWSC): These restricted funds are used to fund supplemental water projects to ensure the District has adequate water supplies. In fiscal year 2022, CVWD implemented a new fee called the Water Demand Offset Fee (WDOF) and discontinued collecting the Supplemental Water Supply Charge (SWSC) to fund nonpotable water projects and save groundwater for potable use.

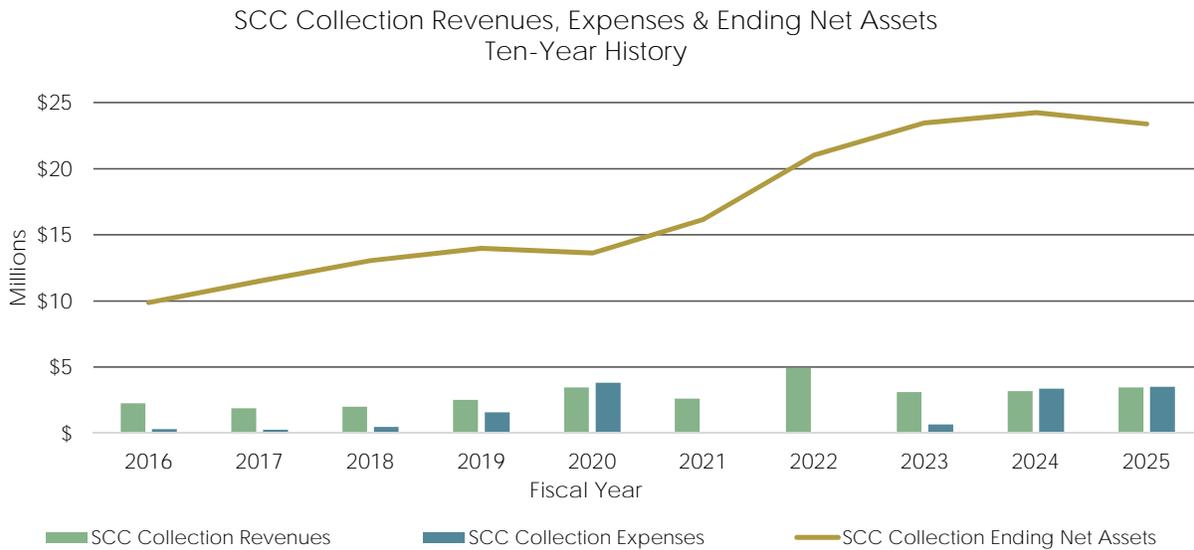
WATER SYSTEM BACKUP FACILITY CHARGE (WSBFC): The District assesses the WSBFC on all new development and redevelopment projects within the District's domestic water service area. These restricted funds can only be used for constructing backup water facilities to ensure domestic water availability for new development projects. Backup facilities include wells, treatment facilities, booster stations, reservoirs, and large-diameter transmission mains.

WATER DEMAND OFFSET FEE (WDOF): Implemented in fiscal year 2022, the Water Demand Offset Fee is a stand-alone charge intended to fund the construction of new nonpotable water facilities and conservation programs that reduce groundwater pumping. Implementation will mitigate impacts due to new developments by funding source substitution and conservation projects, thereby reducing demand for potable groundwater and relieving some pressure on the Sanitation Fund for construction of nonpotable water systems. The proposed approach, based on projected potable demands, encourages dual-plumbed systems and the use of nonpotable water. With these efforts, CVWD will be better able to achieve the goal of groundwater basin sustainability.

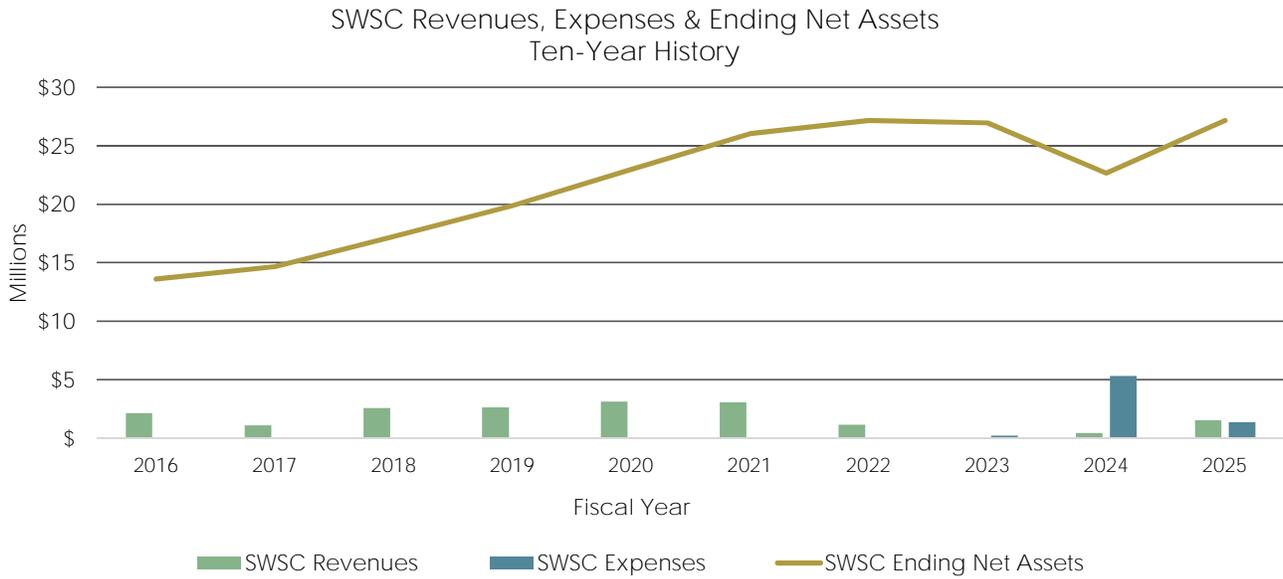
The following charts display fiscal year 2016 through 2024 actual and projected 2025 data for the District's restricted funds.



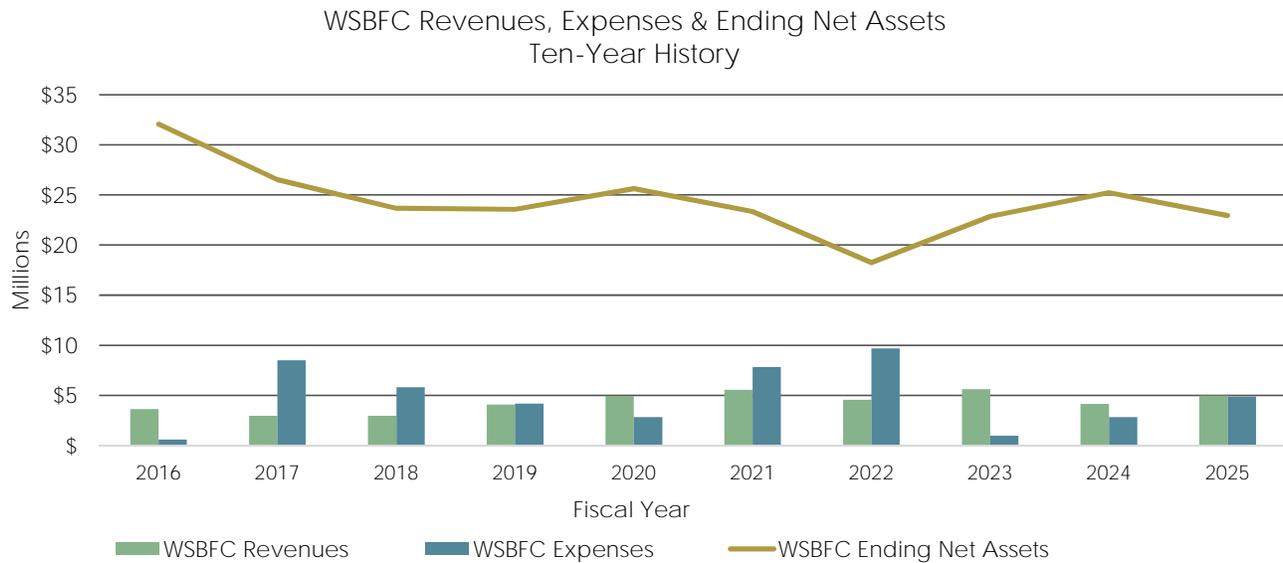
SCC-Treatment budgeted expenses for fiscal year 2025 are lower than projected revenues, which will result in an increase in year-end net assets.



SCC-Collection fiscal year 2025 budgeted expenses are higher than projected revenues, resulting in a slight decrease in year-end net assets.

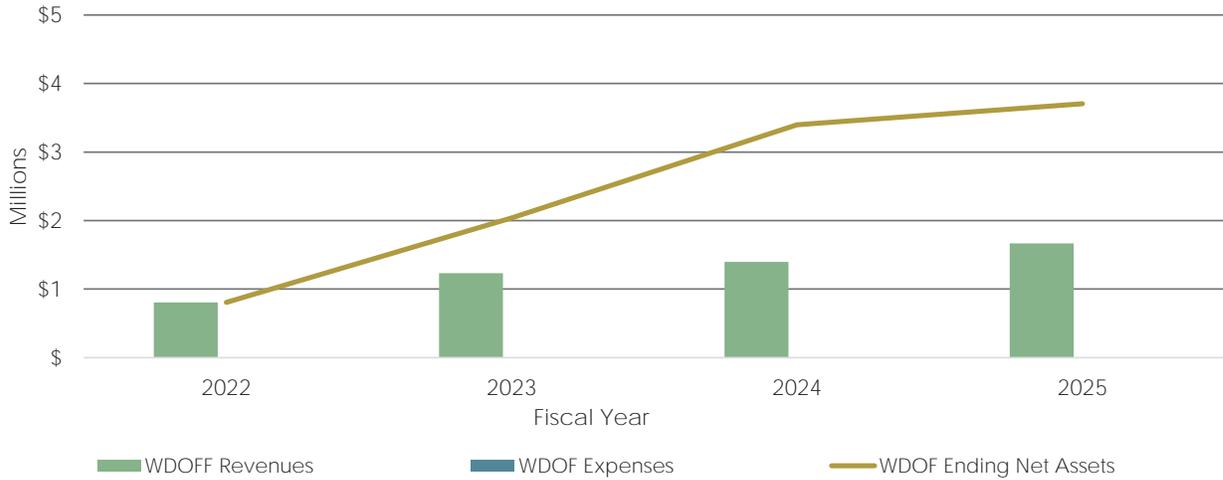


Collection Supplemental Water Supply Charges were discontinued in fiscal year 2022. Net assets are expected to decrease as budgeted fiscal year expenses will draw down remaining reserves over the next few years.



Water System Backup Facility Charge projected revenues for fiscal year 2025 are greater than budgeted expenses, which will result in an increase in the year-end net assets.

WDOF Revenues, Expenses & Ending Net Assets
History Since Fiscal Year 2022



In fiscal year 2022, CVWD implemented a new fee called the Water Demand Offset Fee and discontinued collecting the Supplemental Water Supply Charge.

The Five-Year CIP

The fiscal year 2025-2029 Capital Improvement Plan totals over \$664 million. CVWD expects to fund projects with Pay-Go funding, grants, and restricted developer fees such as Sanitation Capacity, Water Demand Offset Fees, Supplemental Water Supply, and Water System Backup Facility Charges. Debt includes State Revolving Fund and U.S. Bureau of Reclamation (USBR) loans, Stormwater debt proceeds, and short-term notes for the Domestic fund.

The Five-Year Capital Improvement Plan

Fund	Budget FY 2025	Planned				Total 5-Year
		FY 2026	FY 2027	FY 2028	FY 2029	
Domestic Water	\$61,807,297	\$63,883,395	\$49,937,125	\$36,864,750	\$25,190,000	\$237,682,567
Canal Water	16,060,375	12,258,750	13,462,375	8,910,250	12,639,000	63,330,750
Sanitation	44,210,409	65,963,790	67,844,245	35,164,550	25,449,069	238,632,063
Stormwater	24,706,375	20,600,250	14,312,875	8,558,250	17,879,000	86,056,750
East Whitewater Replenishment	929,250	837,500	3,556,750	3,847,500	149,000	9,320,000
West Whitewater Replenishment	7,528,451	7,289,370	416,750	327,500	149,000	15,711,071
Motorpool	3,100,000	2,609,000	2,550,000	2,558,000	2,787,000	13,604,000
Total Five-Year CIP	\$158,342,157	\$173,442,055	\$152,080,120	\$96,230,800	\$84,242,069	\$664,337,201

Total Five-Year CIP includes budgeted General District projects as allocated to enterprise funds

GENERAL DISTRICT projects total approximately \$24.4 million over the next five fiscal years. These projects are districtwide and not specific to any fund. Expenses are charged to the following enterprise funds: Domestic Water, Canal Water, Sanitation, Stormwater, East Whitewater Replenishment, and West Whitewater Replenishment on an allocation methodology based on districtwide labor costs. Funding will primarily be provided by Pay-Go funds, with the exception of one partially funded grant project.

DOMESTIC WATER projects total \$237.7 million over the next five fiscal years. The Domestic Water Fund's focus includes \$146.1 million in water main improvements. Construction of reservoirs and booster stations combined with the well drilling and upgrades program amounts to approximately \$72.4 million. General District CIP projects require a \$9.9 million allocation to the Domestic Water Fund. The necessary funding for these projects is provided by Pay-Go funding, Water System Backup Facility Charges, grants, and debt financing.

CANAL WATER projects total \$63.3 million over the next five fiscal years. Canal projects include irrigation lateral replacements and improvements for over \$49.9 million and drain replacement projects for approximately \$6.9 million. Canal fund's share of General District CIP projects is \$6 million. Debt financing through loans from U.S. Bureau of Reclamation will be the primary source of funding, subsidized by Pay-Go.

SANITATION projects total \$238.6 million over the next five fiscal years. This includes approximately \$123.8 million for Water Reclamation Plant (WRP) treatment upgrades. In addition, there are over \$55.3 million in collection system and lift station upgrades. Nonpotable Water Pipeline (NPW) connections total \$55.7 million. Over the next five years, Sanitation projects will be funded using a combination of Pay-Go, grants, SRF loans, and debt financing. Use of restricted funding such as the Sanitation Capacity Charge fees, and Supplemental Water Supply Charge fees will provide additional funding.

STORMWATER projects total approximately \$86.1 million over the next five fiscal years. Approximately \$1.1 million is allocated to General District CIP. Stormwater projects will be funded primarily by debt financing and Pay-Go.

REPLENISHMENT projects amount to approximately \$25 million over the next five fiscal years. \$15.7 million of this amount is budgeted for the West Whitewater Replenishment Fund and approximately \$9.3 million for the East Whitewater Replenishment Fund. A combination of Pay-Go funding and Supplemental Water Supply Charges will provide necessary funding over the next five years.

MOTORPOOL Vehicle and other equipment replacements amount to \$13.6 million for the next five fiscal years. All funding is provided from Pay-Go funds. At year-end, funds are transferred into the Motorpool Fund from the District's enterprise funds based on the actual benefit of equipment received.

SIGNIFICANT MULTI-YEAR CAPITAL IMPROVEMENT PROJECTS The District's five-year CIP includes several significant multi-year capital improvement projects. These projects have a considerable impact on the five-year forecast. For detailed information on each of the projects listed below, please refer to the corresponding funds in this chapter.

- Avenue 66 Transmission Main - Phase 1B, 2, and Lincoln Street - Domestic Water
- Avenue 70 and Pierce Street Water Consolidation - Domestic Water
- Enterprise Resource Planning and Utility Billing System - Districtwide
- Highway 86 Transmission Main - Phase 3 Final Design and Construction - Domestic Water
- Thousand Palms Channel Improvement Project from Sun City Shadow Hills Channel to the Coachella Valley Storm Channel - Stormwater
- Valley View Water Consolidation - Domestic
- WRP 7 Aeration Improvements - Sanitation
- WRP 7 Recycled Water Expansion - Phase 1 - Sanitation
- WRP 10 Headwork's Improvements (Storage and Controls) - Sanitation
- WRP 10 Low Pressure Capacity Expansion - Sanitation

FISCAL YEAR 2025 CAPITAL IMPROVEMENT BUDGET (CIB)

The fiscal year 2025 Capital Improvement Budget is integrated with the operating budget and amounts to over \$158.3 million. This amount includes approximately \$4.4 million in District labor that will be capitalized with the projects. Fiscal year 2025 capital improvements consist of projects in the District’s enterprise funds and the Motorpool Internal Service Fund. All projects are accounted for and funded by each respective fund.

The District plans to use \$51.1 million in loan proceeds, \$44.1 million in grant funds, \$43.4 million in pay-as-you-go funds/reserves, and \$19.7 million in restricted funds.

The following ongoing projects significantly impact the fiscal year 2025 Capital Improvement Budget since most expenses will be incurred in 2025.

- Avenue 66 Transmission Main - Phase 1B, 2, and Lincoln Street - Domestic Water
- Dale Kiler Road Water Main Replacement - Domestic Water
- Ion Exchange Treatment Plant 7991 Replacement Project - Domestic Water
- Irrigation Lateral 101.3 Replacement - Canal
- Fiscal Year 2020 -2021 Nonpotable Water (NPW) Offsite Pipeline Projects - Sanitation
- Lift Station 55-11 Capacity Upgrade (Mecca) - Sanitation
- Marriott Shadow Ridge - Sanitation
- North Cathedral City Regional Stormwater Project - Stormwater
- North Indio Regional Flood Control System - Phase 2 - Stormwater
- Palm Desert Ground Water Replenishment Facility, Phase - West Whitewater Replenishment

The following table and charts show planned improvements by fund and funding sources for fiscal year 2025.

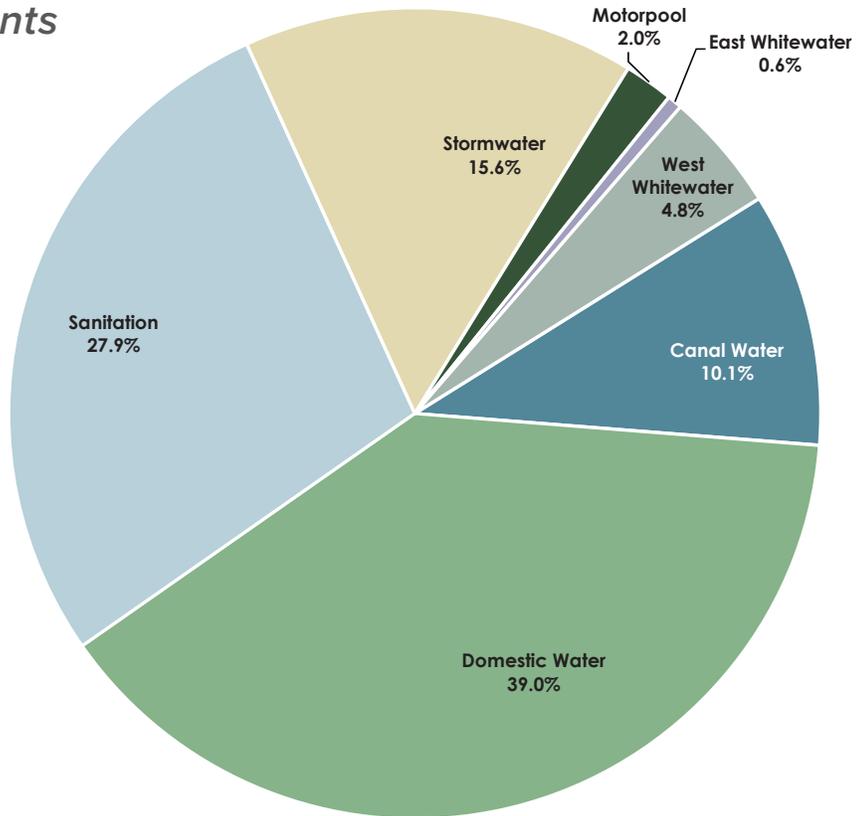
Fiscal Year 2025 Capital Improvement Budget - Projects By Fund

Fund	Funding Sources							Total FY 2025
	Pay-Go	Grants	Debt	Use of Restricted Funds			SWSC	
				WSBFC	SCC Collection	SCC Treatment		
Canal Water	\$ 2,474,375	\$ -	\$ 13,586,000	\$ -	\$ -	\$ -	\$ -	\$ 16,060,375
Domestic Water ⁽¹⁾	(3,392,892)	35,472,189	24,834,000	4,894,000	-	-	-	61,807,297
Sanitation	15,146,789	8,656,432	12,679,626	-	3,516,722	2,860,840	1,350,000	44,210,409
Stormwater ⁽²⁾	24,706,375	-	-	-	-	-	-	24,706,375
East Replenishment	929,250	-	-	-	-	-	-	929,250
West Replenishment	478,250	-	-	-	-	-	7,050,201	7,528,451
Motorpool	3,100,000	-	-	-	-	-	-	3,100,000
Total CIP	\$ 43,442,147	\$ 44,128,621	\$ 51,099,626	\$ 4,894,000	\$ 3,516,722	\$ 2,860,840	\$ 8,400,201	\$ 158,342,157

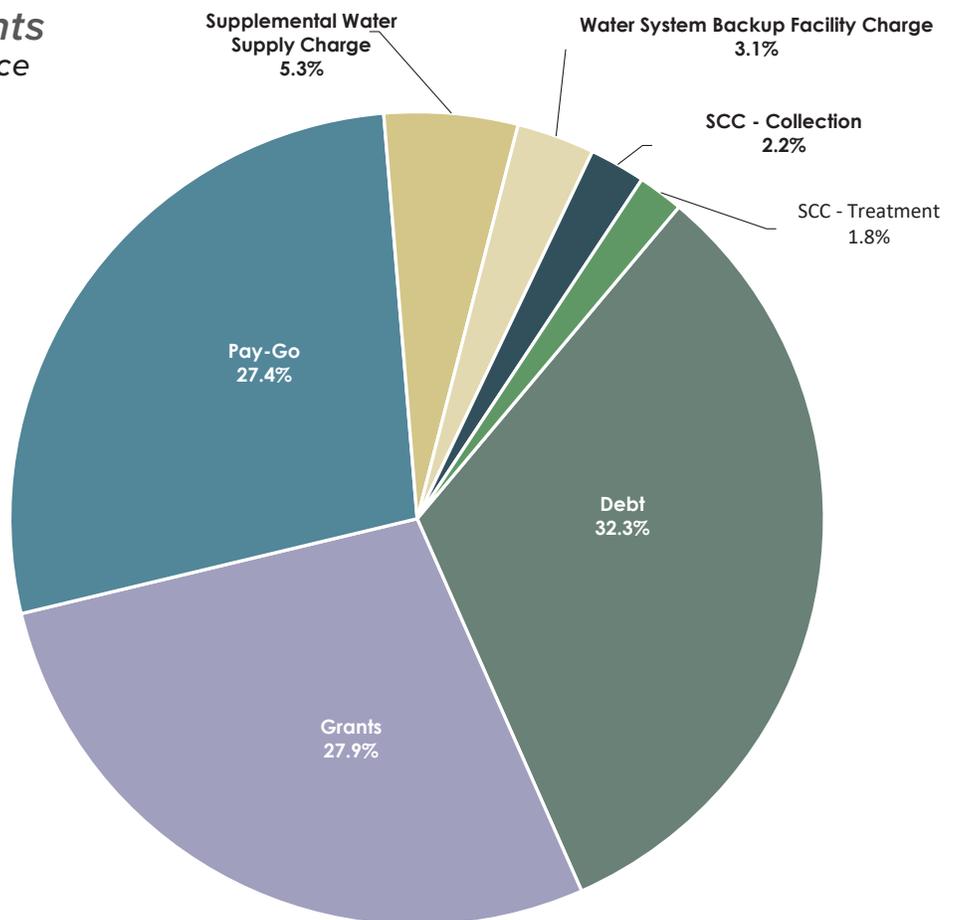
⁽¹⁾ Domestic includes expected loan proceeds to reimburse prior year expenses, resulting in negative pay-go component to balance to financial statements.

⁽²⁾ Stormwater includes projects expected to be reimbursed by a future bond issuance in FY 2026.

Capital Improvements
Projects by Fund
\$158,342,157



Capital Improvements
Projects by Funding Source
\$158,342,157



GRANTS

CVWD continually reviews and pursues Grant opportunities from state and federal agencies. The primary advantage of grants is that they do not have to be repaid. Grant reimbursements include funds from various sources, including Federal, State, and County programs, and may contain pass-through funding for other local government agencies. The District has been successful in securing funding for many capital improvement, sustainability, drought, and hazard mitigation efforts.

Grants are a valuable funding source to help finance eligible projects in the District. Planning and construction needs are matched with funding opportunities throughout the year. Due to the amount of time and preparation required to prepare a grant application and their competitive nature, the District considers the probability of award, amount of matching funds required, level of effort, operation and maintenance post-award, and reporting requirements prior to applying for each grant opportunity.

The grant lifecycle can be a lengthy process between the pre-award and award stages and can span multiple fiscal years before project costs are fully expensed. Grant revenues are based on eligible capital project expenses incurred. Projected versus actual grant revenues at year-end can vary significantly based on the timing of the final grant agreement approval and the start date of the project.

The following tables show the projected Fiscal year 2025 Awarded Grant amounts and projected revenues by fund.

Grant Funding and Revenues - Domestic Water

Granting Agency	Grant Name	Purpose of Grant	Awarded	Projected Revenue 2025
State Water Resources Control Board	Avenue 66 Transmission Main, Phase 1B and Phase 2	Provide a secondary water supply to the Mecca and Eastern Coachella Valley which will increase water supply reliability to existing customers in these disadvantaged communities.	\$23,400,000	\$17,766,189
State Water Resources Control Board	Valley View Consolidation	Consolidation of nine small water systems (SWSs) into CVWD's public water system. The project will also improve the water supply reliability, water quality, and water security to the SWSs which are located in small disadvantaged communities.	10,696,360	5,000,000
EPA Community Grant 2022			2,700,000	-
EPA Community Grant 2023			3,452,972	-
Department of Water Resources	Reservoir 4711-3 and 4 Design and Construction	This project will result in additional storage in the Sky Valley Pressure Zone for more reliable service.	850,000	500,000
County of Riverside - ARPA Funds	IXTP 7991 Replacement Project	Replace out of service existing treatment process with robust media absorption arsenic treatment process.	6,059,000	5,751,000
United States Department of Agriculture	North Shore/Dale Kiler/BS7101/7102/7990	Replace asbestos concrete water main with zinc-coated ductile iron pipe and appurtenances.	4,840,000	2,020,000
	Reservoir 7101-2 Design and Construction	Construct an additional above ground steel water reservoir to provide additional water storage for increased water and fire protection demands.	1,176,000	700,000
State Water Resources Control Board	Preliminary Design Report for Highway 86 Transmission Main, Phase 3 and Phase 4	Prepare a Preliminary Design Report for alternative alignments, right of way, and construction costs for the proposed transmission main.	499,781	170,000
Developer-Funded Projects			-	3,565,000
Total Awarded Grant Funding and Revenues - Domestic Water			\$53,674,113	\$35,472,189

Grant Funding and Revenues - Sanitation

Granting Agency	Grant Name	Purpose of Grant	Awarded	Projected Revenue 2025
County of Riverside ARPA Funds	Lift Station 55-11 Capacity Upgrade	Upgrade existing lift station within the community of Mecca to increase capacity, provide redundancy, and provide for better odor control.	\$4,100,000	\$3,401,262
State Water Resources Control Board	2017/2018 Nonpotable Water Connections Project and T1 Pump Station	Construction and operation of approximately 9.5 miles of nonpotable water pipeline segments and connections and replacement of existing pump station. The project will reduce the amount of imported surface water currently needed for groundwater replenishment and free up groundwater for potable use.	5,000,000	219,500
United States Bureau of Reclamation Title XVI - WIIN			12,276,517	-
State Water Resources Control Board	2020/2021 Nonpotable Water Connections Project	Eight new nonpotable connections will be constructed to offset groundwater pumping and protect the drinking water supply.	5,000,000	3,868,670
United States Bureau of Reclamation Title XVI - WIIN			8,605,422	-
State Water Resources Control Board	Avenue 66 Trunk Sewer	Construct new sewer pipeline along Avenue 66 which will extend the District's wastewater collection system to provide additional capacity to connect and serve disadvantaged community residences.	10,081,088	250,000
State Water Resources Control Board	Valley View/Airport Boulevard Sewer Consolidation	Preliminary engineering, plan design, and environmental report for new pipeline within disadvantaged communities.	14,229,000	250,000
State Water Resources Control Board	Oasis Garden Sewer Consolidation and Lift Station	Phase 2 will convert 77 mobile homes from septic systems to CVWD's sewer system. The lift station will be upsized for capacity and redundancy.	2,806,686	-
Total Awarded Grant Funding and Revenues - Sanitation			\$62,098,713	\$7,989,432

CAPITAL IMPROVEMENTS |

The following table shows fiscal year 2025 grant applications that are in process, with projected revenue totaling \$667,000.

Grant Applications (In-Process)

Fund	Granting Agency	Project Name	Purpose of Grant	Requested	Projected Revenue 2025
Domestic Water	State Water Resources Control Board	Pierce Street Water Consolidation Project	Connection to CVWD's water system in the Pierce Street community within the unincorporated community of Oasis.	\$25,000,000	-
Domestic Water	State Water Resources Control Board	ECV Update and Consolidation Planning Grant	Update to the East Coachella Valley Water Supply Plan (ECVWSP) along with 3 high ranking water consolidation projects from original Plan.	3,030,823	-
Domestic Water	State Water Resources Control Board	Leon Housing Water Consolidation Project	This project will consolidate four small water systems into CVWD's public water system.	5,469,084	-
Domestic Water	State Water Resources Control Board	Avenue 76 Water Consolidation Project	Connection to Coachella Valley Water District's water system by the unincorporated community of Oasis which relies upon domestic wells which often exceed maximum contaminant levels.	5,000,000	-
Domestic Water	US Bureau of Reclamation	Water Energy and Efficiency Grant (WEEG 2024)	Water SMART grant funding for additional turf removal.	1,429,500	-
Sanitation	State Water Resources Control Board	2022/2023 WRP7 Improvements and Young's Farmland	Expand the WRP 7 plant capacity to permit the tertiary system to provide additional recycled water to its expanding irrigation and golf course customers.	3,000,000	617,000
Sanitation	State Water Resources Control Board	Pierce Street Community Sewer Project	Connection to CVWD's sewer system in the Pierce Street community within the unincorporated community of Oasis.	11,400,000	50,000
Sanitation	State Water Resources Control Board	ECV Sewer Consolidation Planning Project	This grant application for Sanitation is to prioritize the higher ranking sewer consolidation projects that can be completed in a 3 year window.	5,879,877	-
Stormwater	FEMA/CalOES Hazard Mitigation Grant	North Cathedral City	Construct a regional stormwater channel which will reduce flooding to the Cathedral City and Thousand Palms communities.	7,500,000	-
	EPA Community Grant 2024			2,500,000	-
Total Applications in Process for Grant Funding and Revenues				\$70,209,284	\$667,000

DEBT MANAGEMENT

Prior to fiscal year 2018, CVWD funded all capital projects on a pay-as-you-go basis, choosing to use cash instead of borrowing due to sufficient revenues and reserves. CVWD's goal when issuing debt is to respond to the infrastructure and capital project needs of its customers while ensuring that debt is issued and managed prudently in order to maintain a sound fiscal position.

Each debt issuance is evaluated on an individual basis within the context of CVWD's overall financing objectives, integration with the Capital Improvement Program, Strategic Plan, and current market conditions. The District will evaluate alternative debt structures (and timing considerations) to ensure the most cost-efficient financing under prevailing market conditions.

LINE OF CREDIT

CVWD maintains a revolving credit agreement with BMO Bank N. A. for \$25 million, which was renewed in June 2022 and expires on July 1, 2025. The line of credit is available for use for the District's Domestic, Sanitation, and Stormwater funds. Like the District's outstanding bonds, loans, certificates of participation, and notes, the revolving credit agreement contains terms relating to future debt service coverage levels and new debt issuance. CVWD's Master Resolution contains a rate covenant that requires the District to set rates for Domestic Water Service and Sanitation Service at the start of the fiscal year that is expected to result in debt service coverage of at least 1.25x on the respective senior obligations payable from the Domestic Water Fund and the Sanitation Fund. The revolving credit agreement contains a provision requiring the same action and assurances.

In addition, the Master Resolution requires Additional Bond Tests for the Domestic Water, Sanitation, and Stormwater Funds when needed. Under this test, the District must be able to show debt service coverage of at least 1.25x on a look-back and look-forward basis for the fund entering debt. The revolving credit agreement contains a provision requiring the same action and assurances.

LOANS

CVWD approaches loan financing as a tool to fund long-term construction projects that are typically included in the District's Capital Improvement Program. Borrowing allows the District to spread the costs of capital projects over the life of the asset and avoid sharp increases in rates.

Debt service represents the repayment of principal and interest costs on bonds and loans issued to finance construction projects and other major capital assets. Debt service payments are charged to the operating budget.

State and Federal Loans by Program

Fund	Program	Project Name	Interest Rate	Principal Amount	FY 2025 Budgeted Debt Service	Outstanding Principal as of 06/30/2024
Canal	United States Bureau of Reclamation	Irrigation Laterals	1.80%	\$60,931,425	\$499,246	\$5,114,988
		Mid-Canal Storage	1.88%	7,500,000	286,357	7,500,000
		Extraordinary Maintenance Projects	1.88%	7,801,516	27,963	-
Domestic	State Water Resource Control Board	Highway 86 Transmission Main Phase 2	1.80%	19,391,505	840,971	17,661,885
		United States Department of Agriculture	North Shore, Dale Kiler, Booster Stations 7101/7102/7990 ⁽¹⁾	1.25%	22,700,000	-
		Reservoir 7101-2 ⁽¹⁾	1.50%	2,134,000	-	-
Sanitation	State Water Resource Control Board	2017/2018 Nonpotable Water Connections Project and T1 Pump Station	1.10%	40,132,117	1,095,189	16,486,668
		2020/2021 Nonpotable Water Connections Project	0.80%	10,530,000	396,199	816,028
		2023/2024 Nonpotable Water Improvements and Connection Project ⁽¹⁾	2.60%	26,950,000	-	-
Stormwater	Water Infrastructure Finance and Innovation Act - WIFIA	Coachella Valley Stormwater Channel Improvement Project and North Indio Flood Control ⁽²⁾	1.96%	59,140,612	2,382,085	58,716,513
Total				\$257,211,175	\$5,528,010	\$106,296,082

⁽¹⁾ Final loan agreements expected in FY 2025

⁽²⁾ Stormwater WIFIA loan principal balance includes capitalized interest

Canal Fund Loans

CVWD entered into two loan agreements with the U.S. Bureau of Reclamation (USBR) to fund projects in the Canal fund. The District received \$5.1 million in loan proceeds through fiscal year 2024 for the irrigation lateral project, with additional draws expected in fiscal year 2025. The mid-canal storage project was completed in fiscal year 2024, with \$7.5 million in loan proceeds drawn to fund project expenses. Debt service for both projects will begin in fiscal year 2025. The Extraordinary Maintenance Projects include an agreement with USBR and Imperial Irrigation District to complete projects related to the Imperial Dam Facilities and the All-American Canal System for a total obligation of \$7.8 million. Placeholder debt service amounts have been included in the fiscal year 2025 budget as the District has not received final schedules at the time of publication.

Domestic Fund Loans

CVWD will continue paying debt service on the State Water Resource Control Board (SWRCB) loan for the Highway 86 Domestic Water project in fiscal year 2025. This project was completed in July of 2021. U.S. Department of Agriculture (USDA) funding is expected to be utilized in fiscal year 2025 to fund the North Shore/Dale Kiler booster stations and reservoir 7101-2 projects once they are completed. The District issued the 2022 Domestic Notes as interim financing to fund these projects prior to completion, which will mature in June 2025.

Sanitation Fund Loans

Sanitation has two active loans with SWRCB related to nonpotable water improvement and connection projects and has applied for the 2023/2024 Nonpotable Water Improvements and Connection Project. This application is currently under environmental review, with final approval expected in the early fiscal year 2025. The District plans to continue to draw loan proceeds on the two active loans to reimburse project expenditures in fiscal year 2025.

Stormwater Fund Loans

Stormwater projects utilizing WIFIA funding are expected to be completed by September 2024. CVWD completed its final draw on the loan in fiscal year 2023, and debt service payments began in fiscal year 2024.

BONDS

The following table details the District’s outstanding notes and certificates of participation.

Notes and Certificates of Participation by Fund

Fund	Par Amount	S&P	Fitch	True Interest Cost (TIC)	Maturity	First Call Date	FY 2025 Total Debt Service	Outstanding Principal as of 06/30/2024
East Replenishment	\$42,890,000	AA-	-	2.71%	2051	2031	\$1,890,085	\$42,890,000
Domestic ⁽¹⁾	35,225,000	AA+	-	1.31%	2025	-	35,225,000	35,225,000
Stormwater	53,340,000	AA+	AAA	3.85%	2047	2032	3,738,375	52,245,000
Total	\$131,455,000						\$40,853,460	\$130,360,000

⁽¹⁾ Excludes amounts on deposit in the trustee-held Capitalized Interest Account through June 2025.

East Replenishment Fund

In fiscal year 2021, the District began issuing public debt through the Series 2021A and 2021B Certificates of Participation (COP). These debt issuances were used to finance the cost of improvements benefiting the East Whitewater Replenishment System. Debt Service for fiscal year 2025 includes only interest, with principal repayment beginning in fiscal year 2028.

Domestic Water Fund

In January 2022, the District approved the sale and issuance of the Series 2022A Drinking Water System Revenue Notes for the Domestic Fund. These short-term notes are being used to provide interim financing for projects that are expected to be funded through a loan with the USDA. The USDA loan requires interim financing since funds are not available for cost reimbursement during the construction period. The 2022 Notes are secured and will be payable in full during fiscal year 2025 from net revenues of the Domestic fund.

Stormwater Fund

In May 2022, the Stormwater COP Series 2022A was issued to finance additional costs not covered under the WIFIA loan for the North Indio Flood Control Project Phase 2. The issuance is secured by the net revenues of the Stormwater fund.

OTHER FINANCIAL OBLIGATIONS

In the past year, CVWD incurred four new financial obligations with Federal and State agencies related to the renewal of existing leases, right-of-way, or construction agreements. While each agency’s requirements vary, the District has been able to satisfy these long-term obligations through Letters of Credit (LOC) with BMO Bank and an escrow agreement with US Bank. The following table summarizes these obligations.

Other Financial Obligations								
Fund	Agency	Purpose	Type	Expected Term	Renewal Date	FY 2025 Obligation Amount	Fee Rate	FY 2025 Budgeted Expense
West Replenishment	Bureau of Land Management	Existing BLM lease for groundwater replenishment	Letter of Credit	2053	12/13/2024	\$7,035,000	0.750%	\$52,763
Stormwater	Bureau of Land Management	Right-of-Way access for stormwater improvement project	Letter of Credit	2054	12/13/2025	347,000	0.750%	2,603
Canal	Bureau of Indian Affairs	Right-of-Way access for existing agricultural drain	Letter of Credit	2074	12/13/2025	35,000	0.750%	262
Domestic	CA Department of Fish & Wildlife	Mitigation agreement for reservoir construction project	Escrow Agreement	2026	N/A	110,590	Fixed	3,500
Total						\$7,527,590		\$59,128

DEBT RATINGS

Credit rating agencies assign letter grades to indicate ratings. Standard & Poor’s (S&P) Global, for example, has a credit rating scale ranging from AAA, which would be deemed excellent, to C and D grades, which would be for entities in default on their debt. Credit ratings are based on the due diligence conducted by a rating agency, which must take a balanced and objective view of the borrower’s financial situation and capacity to repay debt. This can impact debt approval and the interest rate that is assigned.

Credit ratings play a significant role in a potential investor’s decision to purchase bonds. A strong credit rating allows better access to capital markets, lower interest rates, better terms on debt, and a wider variety of debt products. Prudent financial policies have contributed to the District’s strong ratings.

DEBT COVERAGE

The following table summarizes the District's loans, notes, and certificates of participation by fund to provide the total debt service coverage ratio by fund.

All-In Debt Service Coverage Ratio by Fund

Fund	Rate Type	Rate	Maturity	Authorized Amount	Outstanding Principal as of 06/30/2024	FY 2025 Budgeted Debt Service	FY 2025 All-In DSCR ⁽¹⁾
Stormwater - WIFIA	Rate	1.96%	2058	\$59,924,086	\$58,716,513	\$2,382,085	
Stormwater - Series 2022A	TIC	3.85%	2047	53,340,000	52,245,000	3,738,375	
Stormwater - Total				\$113,264,086	\$110,961,513	\$6,120,460	3.51
Domestic - SWRCB	Rate	1.80%	2050	19,391,505	17,661,885	840,971	
Domestic - Series 2022A ⁽²⁾	TIC	1.31%	2025	35,225,000	35,225,000	35,225,000	
Domestic - Total				\$54,616,505	\$52,886,885	\$36,065,971	2.32
East - Series 2021A	TIC	2.71%	2051	42,080,000	42,080,000	1,879,150	
East - Series 2021B	TIC	2.71%	2027	810,000	810,000	10,935	
East Replenishment - Total				\$42,890,000	\$42,890,000	\$1,890,085	4.99
Canal - USBR Laterals	Rate	1.80%	2054	60,931,425	5,114,988	499,246	
Canal - USBR Reservoir	Rate	1.88%	TBD	7,500,000	7,500,000	286,357	
Canal - USBR Extraordinary	Rate	1.88%	TBD	7,801,516	-	27,963	
Canal - Total				\$76,232,941	\$12,614,988	\$813,566	19.85
Sanitation - SWRCB 17/18	Rate	1.10%	TBD	40,132,117	16,486,668	1,095,189	
Sanitation - SWRCB 20/21	Rate	0.80%	TBD	10,530,000	816,028	396,199	
Sanitation - SWRCB 23/24 ⁽³⁾	Rate	2.60%	TBD	26,950,000	-	-	
Sanitation - Total				\$77,612,117	17,302,696.00	1,491,388.00	8.59
Total				\$364,615,649	\$236,656,082	\$46,381,470	

⁽¹⁾ Debt Service Coverage Ratio (DSCR) revenue includes Budgeted Net Operating Income, revenue from Interfund Transfers, and grants.

⁽²⁾ Excludes amounts on deposit in the trustee-held Capitalized Interest Account through June 2025. DSCR assumes a \$2,013,483 "estimated" debt service payment for a 20-year \$35,225,000 issuance at a TIC rate of 1.31% to calculate coverage due to payoff.

⁽³⁾ Final loan agreement expected in FY 2025.

DEBT MARGIN

The following table reflects the detailed debt margin for the District’s outstanding debt issuances. Section 43605 of the California Government Code establishes a legal debt limit of 15% of gross assessed valuation. However, this provision was enacted when assessed valuation was based upon 25% of market value. Effective with the 1981-82 fiscal year, each parcel is now assessed at 100% of market value (as of the most recent change in ownership for that parcel). The computations shown below reflect a conversion of assessed valuation data for each fiscal year from the current, complete valuation perspective to the 25% level that was in effect at the time that the State of California enacted the legal debt margin for local governments located within the state.

Computation of Legal Debt Margin

Component	FY 2022	FY 2023	FY 2024
Total Assessed Value	\$ 72,319,598,665	\$ 78,489,300,953	\$ 85,407,828,938
Conversion Percentage	25%	25%	25%
Adjusted Assessed Valuation	18,079,899,666	19,622,325,238	21,351,957,235
Debt Limit Percentage	15%	15%	15%
Legal Debt Limit	2,711,984,950	2,943,348,786	3,202,793,585
Outstanding Bonds Chargeable to the Limit	96,230,000	96,230,000	130,360,000
Less: Amount Reserved for Debt	-	-	-
Net Applicable to Limit	96,230,000	96,230,000	130,360,000
Legal Debt Margin	\$ 2,808,214,950	\$ 3,039,578,786	\$ 3,333,153,585
Total Debt Applicable to the Limit as a Percentage of Debt Limit	3.55%	3.27%	4.07%

DEBT SERVICE SCHEDULES

The following tables reflect the detailed debt service schedules for the District’s outstanding loans and debt issuances. Schedules for USBR and Sanitation SRF loans have not been finalized as of the date of publication.

Payment Date	Interest Rate	Loan Draws	Capitalized Interest	Principal Payments	Interest Payments	Total Debt Service	Principal Balance
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Project Fund: Stormwater

Project Name: N. Indio Regional Flood Control & Stormwater Channel Improvement

U.S. Environmental Protection Agency - Original Loan \$59,924,086

06/01/20	1.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12/01/20	1.96	-	-	-	-	-	-
06/01/21	1.96	-	-	-	-	-	-
12/01/21	1.96	-	-	-	-	-	-
06/01/22	1.96	33,366,014	-	-	-	-	33,366,014
12/01/22	1.96	-	326,987	-	-	-	33,693,000
06/01/23	1.96	25,774,598	456,487	-	-	-	59,924,086
12/01/23	1.96	-	-	-	587,256	587,256	59,924,086
06/01/24	1.96	-	-	1,207,573	587,256	1,794,829	58,716,513
12/01/24	1.96	-	-	-	575,422	575,422	58,716,513
06/01/25	1.96	-	-	1,231,241	575,422	1,806,663	57,485,272
12/01/25	1.96	-	-	-	563,356	563,356	57,485,272
06/01/26	1.96	-	-	1,255,373	563,356	1,818,729	56,229,899
12/01/26	1.96	-	-	-	551,053	551,053	56,229,899
06/01/27	1.96	-	-	1,279,979	551,053	1,831,032	54,949,920
12/01/27	1.96	-	-	-	538,509	538,509	54,949,920
06/01/28	1.96	-	-	1,305,066	538,509	1,843,576	53,644,854
12/01/28	1.96	-	-	-	525,720	525,720	53,644,854
06/01/29	1.96	-	-	1,330,646	525,720	1,856,365	52,314,208
12/01/29	1.96	-	-	-	512,679	512,679	52,314,208
06/01/30	1.96	-	-	1,356,726	512,679	1,869,406	50,957,482
12/01/30	1.96	-	-	-	499,383	499,383	50,957,482
06/01/31	1.96	-	-	1,383,318	499,383	1,882,701	49,574,164
12/01/31	1.96	-	-	-	485,827	485,827	49,574,164
06/01/32	1.96	-	-	1,410,431	485,827	1,896,258	48,163,733
12/01/32	1.96	-	-	-	472,005	472,005	48,163,733
06/01/33	1.96	-	-	1,438,076	472,005	1,910,080	46,725,657
12/01/33	1.96	-	-	-	457,911	457,911	46,725,657
06/01/34	1.96	-	-	1,466,262	457,911	1,924,173	45,259,395
12/01/34	1.96	-	-	-	443,542	443,542	45,259,395
06/01/35	1.96	-	-	1,495,001	443,542	1,938,543	43,764,395
12/01/35	1.96	-	-	-	428,891	428,891	43,764,395
06/01/36	1.96	-	-	1,524,303	428,891	1,953,194	42,240,092
12/01/36	1.96	-	-	-	413,953	413,953	42,240,092
06/01/37	1.96	-	-	1,554,179	413,953	1,968,132	40,685,913
12/01/37	1.96	-	-	-	398,722	398,722	40,685,913
06/01/38	1.96	-	-	1,584,641	398,722	1,983,363	39,101,272
12/01/38	1.96	-	-	-	383,192	383,192	39,101,272
06/01/39	1.96	-	-	1,615,700	383,192	1,998,892	37,485,572
12/01/39	1.96	-	-	-	367,359	367,359	37,485,572
06/01/40	1.96	-	-	1,647,368	367,359	2,014,726	35,838,205
12/01/40	1.96	-	-	-	351,214	351,214	35,838,205
06/01/41	1.96	-	-	1,679,656	351,214	2,030,870	34,158,549
12/01/41	1.96	-	-	-	334,754	334,754	34,158,549
06/01/42	1.96	-	-	1,712,577	334,754	2,047,331	32,445,972
12/01/42	1.96	-	-	-	317,971	317,971	32,445,972
06/01/43	1.96	-	-	1,746,144	317,971	2,064,114	30,699,828
12/01/43	1.96	-	-	-	300,858	300,858	30,699,828

CAPITAL IMPROVEMENTS |

Payment Date	Interest Rate	Loan Draws	Capitalized Interest	Principal Payments	Interest Payments	Total Debt Service	Principal Balance
Project Fund: Stormwater							
Project Name: N. Indio Regional Flood Control & Stormwater Channel Improvement							
U.S. Environmental Protection Agency - Original Loan \$59,924,086							
06/01/44	1.96	-	-	1,780,368	300,858	2,081,226	28,919,460
12/01/44	1.96	-	-	-	283,411	283,411	28,919,460
06/01/45	1.96	-	-	1,815,263	283,411	2,098,674	27,104,197
12/01/45	1.96	-	-	-	265,621	265,621	27,104,197
06/01/46	1.96	-	-	1,850,842	265,621	2,116,464	25,253,354
12/01/46	1.96	-	-	-	247,483	247,483	25,253,354
06/01/47	1.96	-	-	1,887,119	247,483	2,134,602	23,366,235
12/01/47	1.96	-	-	-	228,989	228,989	23,366,235
06/01/48	1.96	-	-	1,924,107	228,989	2,153,096	21,442,129
12/01/48	1.96	-	-	-	210,133	210,133	21,442,129
06/01/49	1.96	-	-	1,961,819	210,133	2,171,952	19,480,310
12/01/49	1.96	-	-	-	190,907	190,907	19,480,310
06/01/50	1.96	-	-	2,000,271	190,907	2,191,178	17,480,039
12/01/50	1.96	-	-	-	171,304	171,304	17,480,039
06/01/51	1.96	-	-	2,039,476	171,304	2,210,780	15,440,563
12/01/51	1.96	-	-	-	151,318	151,318	15,440,563
06/01/52	1.96	-	-	2,079,450	151,318	2,230,767	13,361,113
12/01/52	1.96	-	-	-	130,939	130,939	13,361,113
06/01/53	1.96	-	-	2,120,207	130,939	2,251,146	11,240,907
12/01/53	1.96	-	-	-	110,161	110,161	11,240,907
06/01/54	1.96	-	-	2,161,763	110,161	2,271,924	9,079,144
12/01/54	1.96	-	-	-	88,976	88,976	9,079,144
06/01/55	1.96	-	-	2,204,134	88,976	2,293,109	6,875,010
12/01/55	1.96	-	-	-	67,375	67,375	6,875,010
06/01/56	1.96	-	-	2,247,335	67,375	2,314,710	4,627,675
12/01/56	1.96	-	-	-	45,351	45,351	4,627,675
06/01/57	1.96	-	-	2,291,382	45,351	2,336,734	2,336,293
12/01/57	1.96	-	-	-	22,896	22,896	2,336,293
06/01/58	1.96	-	-	2,336,293	22,896	2,359,189	-
Total		\$ 59,140,612	\$ 783,474	\$ 59,924,086	\$ 23,448,880	\$ 83,372,966	

Payment Date	Interest Rate	Principal Payments	Interest Payments	Total Debt Service	Principal Balance
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Project Fund: Stormwater

Project Names: North Indio Regional Flood Control

Debt Issuance: Coachella Valley Water District, 2022A-Original Issue \$53,340,000

06/30/22	5.00	\$ -	\$ -	\$ -	\$ 53,340,000
08/01/22	5.00	-	585,258	585,258	53,340,000
02/01/23	5.00	-	1,333,500	1,333,500	53,340,000
08/01/23	5.00	1,095,000	1,333,500	2,428,500	52,245,000
02/01/24	5.00	-	1,306,125	1,306,125	52,245,000
08/01/24	5.00	1,155,000	1,306,125	2,461,125	51,090,000
02/01/25	5.00	-	1,277,250	1,277,250	51,090,000
08/01/25	5.00	1,215,000	1,277,250	2,492,250	49,875,000
02/01/26	5.00	-	1,246,875	1,246,875	49,875,000
08/01/26	5.00	1,275,000	1,246,875	2,521,875	48,600,000
02/01/27	5.00	-	1,215,000	1,215,000	48,600,000
08/01/27	5.00	1,340,000	1,215,000	2,555,000	47,260,000
02/01/28	5.00	-	1,181,500	1,181,500	47,260,000
08/01/28	5.00	1,410,000	1,181,500	2,591,500	45,850,000
02/01/29	5.00	-	1,146,250	1,146,250	45,850,000
08/01/29	5.00	1,480,000	1,146,250	2,626,250	44,370,000
02/01/30	5.00	-	1,109,250	1,109,250	44,370,000
08/01/30	5.00	1,560,000	1,109,250	2,669,250	42,810,000
02/01/31	5.00	-	1,070,250	1,070,250	42,810,000
08/01/31	5.00	1,640,000	1,070,250	2,710,250	41,170,000
02/01/32	5.00	-	1,029,250	1,029,250	41,170,000
08/01/32	5.00	1,720,000	1,029,250	2,749,250	39,450,000
02/01/33	5.00	-	986,250	986,250	39,450,000
08/01/33	5.00	1,810,000	986,250	2,796,250	37,640,000
02/01/34	5.00	-	941,000	941,000	37,640,000
08/01/34	5.00	1,905,000	941,000	2,846,000	35,735,000
02/01/35	5.00	-	893,375	893,375	35,735,000
08/01/35	5.00	2,000,000	893,375	2,893,375	33,735,000
02/01/36	5.00	-	843,375	843,375	33,735,000
08/01/36	5.00	2,105,000	843,375	2,948,375	31,630,000
02/01/37	5.00	-	790,750	790,750	31,630,000
08/01/37	5.00	2,210,000	790,750	3,000,750	29,420,000
02/01/38	5.00	-	735,500	735,500	29,420,000
08/01/38	5.00	2,325,000	735,500	3,060,500	27,095,000
02/01/39	5.00	-	677,375	677,375	27,095,000
08/01/39	5.00	2,445,000	677,375	3,122,375	24,650,000
02/01/40	5.00	-	616,250	616,250	24,650,000
08/01/40	5.00	2,570,000	616,250	3,186,250	22,080,000
02/01/41	5.00	-	552,000	552,000	22,080,000
08/01/41	5.00	2,700,000	552,000	3,252,000	19,380,000
02/01/42	5.00	-	484,500	484,500	19,380,000

CAPITAL IMPROVEMENTS |

Payment Date	Interest Rate	Principal Payments	Interest Payments	Total Debt Service	Principal Balance
Project Fund: Stormwater					
Project Names: North Indio Regional Flood Control					
Debt Issuance: Coachella Valley Water District, 2022A-Original Issue \$53,340,000					
08/01/42	5.00	2,840,000	484,500	3,324,500	16,540,000
02/01/43	5.00	-	413,500	413,500	16,540,000
08/01/43	5.00	2,985,000	413,500	3,398,500	13,555,000
02/01/44	5.00	-	338,875	338,875	13,555,000
08/01/44	5.00	3,140,000	338,875	3,478,875	10,415,000
02/01/45	5.00	-	260,375	260,375	10,415,000
08/01/45	5.00	3,300,000	260,375	3,560,375	7,115,000
02/01/46	5.00	-	177,875	177,875	7,115,000
08/01/46	5.00	3,470,000	177,875	3,647,875	3,645,000
02/01/47	5.00	-	91,125	91,125	3,645,000
08/01/47	5.00	3,645,000	91,125	3,736,125	-
Total		\$ 53,340,000	\$ 42,020,008	\$ 95,360,008	

Payment Date	Interest Rate	Loan Draws	Principal Forgiveness	Principal Payments	Interest Payments	Total Debt Service	Principal Balance
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Project Fund: Domestic Water

Project Name: Highway 86 Booster Station & Transmission Main

State of California Water Resource Control Board - Original Loan \$19,391,505

11/06/19	1.8	\$ 10,338,267	\$ -	\$ -	\$ -	\$ -	\$ 10,338,267
01/01/20	1.8	-	-	-	28,551	28,551	10,338,267
02/07/20	1.8	2,756,882	-	-	-	-	13,095,149
05/07/20	1.8	-	-	-	-	-	13,095,149
06/30/20	1.8	3,108,351	-	-	-	-	16,203,500
07/01/20	1.8	-	3,730,602	-	112,503	112,503	12,472,898
08/17/20	1.8	3,377,835	1,269,398	-	-	-	14,581,335
09/15/20	1.8	1,622,165	-	-	-	-	16,203,500
11/30/20	1.8	690,795	-	-	-	-	16,894,295
01/01/21	1.8	-	-	227,231	138,110	365,341	16,667,064
04/09/21	1.8	363,383	-	-	-	-	17,030,447
06/30/21	1.8	2,133,827	-	-	-	-	19,164,274
07/01/21	1.8	-	-	221,774	151,493	373,268	18,942,499
01/01/22	1.8	-	-	257,620	162,866	420,486	18,684,879
07/01/22	1.8	-	-	252,322	168,164	420,486	18,432,557
01/01/23	1.8	-	-	254,593	165,893	420,486	18,177,965
07/01/23	1.8	-	-	256,884	163,602	420,486	17,921,081
01/01/24	1.8	-	-	259,196	161,290	420,486	17,661,885
07/01/24	1.8	-	-	261,529	158,957	420,486	17,400,356
01/01/25	1.8	-	-	263,883	156,603	420,486	17,136,473
07/01/25	1.8	-	-	266,257	154,228	420,486	16,870,216
01/01/26	1.8	-	-	268,654	151,832	420,486	16,601,562
07/01/26	1.8	-	-	271,072	149,414	420,486	16,330,491
01/01/27	1.8	-	-	273,511	146,974	420,486	16,056,979
07/01/27	1.8	-	-	275,973	144,513	420,486	15,781,006
01/01/28	1.8	-	-	278,457	142,029	420,486	15,502,550
07/01/28	1.8	-	-	280,963	139,523	420,486	15,221,587
01/01/29	1.8	-	-	283,491	136,994	420,486	14,938,096
07/01/29	1.8	-	-	286,043	134,443	420,486	14,652,053
01/01/30	1.8	-	-	288,617	131,868	420,486	14,363,435
07/01/30	1.8	-	-	291,215	129,271	420,486	14,072,221
01/01/31	1.8	-	-	293,836	126,650	420,486	13,778,385
07/01/31	1.8	-	-	296,480	124,005	420,486	13,481,905
01/01/32	1.8	-	-	299,149	121,337	420,486	13,182,756
07/01/32	1.8	-	-	301,841	118,645	420,486	12,880,915
01/01/33	1.8	-	-	304,557	115,928	420,486	12,576,358
07/01/33	1.8	-	-	307,298	113,187	420,486	12,269,059
01/01/34	1.8	-	-	310,064	110,422	420,486	11,958,995
07/01/34	1.8	-	-	312,855	107,631	420,486	11,646,140
01/01/35	1.8	-	-	315,670	104,815	420,486	11,330,470
07/01/35	1.8	-	-	318,511	101,974	420,486	11,011,958
01/01/36	1.8	-	-	321,378	99,108	420,486	10,690,580

CAPITAL IMPROVEMENTS |

Payment Date	Interest Rate	Loan Draws	Principal Forgiveness	Principal Payments	Interest Payments	Total Debt Service	Principal Balance
Project Fund: Domestic Water							
Project Name: Highway 86 Booster Station & Transmission Main							
State of California Water Resource Control Board - Original Loan \$19,391,505							
07/01/36	1.8	-	-	324,270	96,215	420,486	10,366,310
01/01/37	1.8	-	-	327,189	93,297	420,486	10,039,121
07/01/37	1.8	-	-	330,134	90,352	420,486	9,708,987
01/01/38	1.8	-	-	333,105	87,381	420,486	9,375,883
07/01/38	1.8	-	-	336,103	84,383	420,486	9,039,780
01/01/39	1.8	-	-	339,128	81,358	420,486	8,700,652
07/01/39	1.8	-	-	342,180	78,306	420,486	8,358,472
01/01/40	1.8	-	-	345,259	75,226	420,486	8,013,213
07/01/40	1.8	-	-	348,367	72,119	420,486	7,664,846
01/01/41	1.8	-	-	351,502	68,984	420,486	7,313,344
07/01/41	1.8	-	-	354,666	65,820	420,486	6,958,678
01/01/42	1.8	-	-	357,858	62,628	420,486	6,600,821
07/01/42	1.8	-	-	361,078	59,407	420,486	6,239,742
01/01/43	1.8	-	-	364,328	56,158	420,486	5,875,414
07/01/43	1.8	-	-	367,607	52,879	420,486	5,507,807
01/01/44	1.8	-	-	370,915	49,570	420,486	5,136,892
07/01/44	1.8	-	-	374,254	46,232	420,486	4,762,638
01/01/45	1.8	-	-	377,622	42,864	420,486	4,385,016
07/01/45	1.8	-	-	381,021	39,465	420,486	4,003,996
01/01/46	1.8	-	-	384,450	36,036	420,486	3,619,546
07/01/46	1.8	-	-	387,910	32,576	420,486	3,231,636
01/01/47	1.8	-	-	391,401	29,085	420,486	2,840,235
07/01/47	1.8	-	-	394,924	25,562	420,486	2,445,312
01/01/48	1.8	-	-	398,478	22,008	420,486	2,046,834
07/01/48	1.8	-	-	402,064	18,422	420,486	1,644,769
01/01/49	1.8	-	-	405,683	14,803	420,486	1,239,087
07/01/49	1.8	-	-	409,334	11,152	420,486	829,753
01/01/50	1.8	-	-	413,018	7,468	420,486	416,735
07/01/50	1.8	-	-	416,735	3,751	420,485	-
Total		\$ 24,391,505	\$ 5,000,000	\$ 19,391,505	\$ 5,876,328	\$ 25,267,833	

Payment Date	Interest Rate	Principal Payments	Interest Payments ⁽¹⁾	Total Debt Service	Principal Balance
Project Fund: Domestic					
Project Names: Reservoir 7101-2 Construction, Dale Kiler and North Shore Water Main Replacement, and Booster Stations 7990, 7101 and 7102 Rehabilitation and Upgrade					
Drinking Water System Revenue Notes - Original Note Amount \$35,225,000					
06/01/22	1.375	\$ -	\$ -	\$ -	\$ 35,225,000
12/01/22	1.375	-	391,511	391,511	35,225,000
06/01/23	1.375	-	242,172	242,172	35,225,000
12/01/23	1.375	-	242,172	242,172	35,225,000
06/01/24	1.375	-	242,172	242,172	35,225,000
12/01/24	1.375	-	242,172	242,172	35,225,000
06/01/25	1.375	35,225,000	242,172	35,467,172	-
Total		\$ 35,225,000	\$ 1,602,371	\$ 36,827,371	

⁽¹⁾ Interest payments on deposit in the trustee-held Capitalized Interest Account through June 2025.

CAPITAL IMPROVEMENTS |

Payment Date	Interest Rate	Principal Payments	Interest Payments	Total Debt Service	Principal Balance
Project Fund: East Whitewater Replenishment					
Project Name: Oasis-In Lieu-Recharge					
Debt Issuance: Coachella Valley Water District, 2021A-Original Issue \$42,080,000					
08/01/21	5.00	\$ -	\$ 193,135	\$ 193,135	\$ 42,080,000
02/01/22	5.00	-	939,575	939,575	42,080,000
08/01/22	5.00	-	939,575	939,575	42,080,000
02/01/23	5.00	-	939,575	939,575	42,080,000
08/01/23	5.00	-	939,575	939,575	42,080,000
02/01/24	5.00	-	939,575	939,575	42,080,000
08/01/24	5.00	-	939,575	939,575	42,080,000
02/01/25	5.00	-	939,575	939,575	42,080,000
08/01/25	5.00	-	939,575	939,575	42,080,000
02/01/26	5.00	-	939,575	939,575	42,080,000
08/01/26	5.00	-	939,575	939,575	42,080,000
02/01/27	5.00	-	939,575	939,575	42,080,000
08/01/27	5.00	160,000	939,575	1,099,575	41,920,000
02/01/28	5.00	-	935,575	935,575	41,920,000
08/01/28	5.00	1,000,000	935,575	1,935,575	40,920,000
02/01/29	5.00	-	910,575	910,575	40,920,000
08/01/29	5.00	1,055,000	910,575	1,965,575	39,865,000
02/01/30	5.00	-	884,200	884,200	39,865,000
08/01/30	5.00	1,105,000	884,200	1,989,200	38,760,000
02/01/31	5.00	-	856,575	856,575	38,760,000
08/01/31	5.00	1,165,000	856,575	2,021,575	37,595,000
02/01/32	5.00	-	827,450	827,450	37,595,000
08/01/32	5.00	1,225,000	827,450	2,052,450	36,370,000
02/01/33	5.00	-	796,825	796,825	36,370,000
08/01/33	5.00	1,285,000	796,825	2,081,825	35,085,000
02/01/34	5.00	-	764,700	764,700	35,085,000
08/01/34	4.00	1,345,000	764,700	2,109,700	33,740,000
02/01/35	4.00	-	737,800	737,800	33,740,000
08/01/35	4.00	1,400,000	737,800	2,137,800	32,340,000
02/01/36	4.00	-	709,800	709,800	32,340,000
08/01/36	4.00	1,455,000	709,800	2,164,800	30,885,000
02/01/37	4.00	-	680,700	680,700	30,885,000
08/01/37	4.00	1,515,000	680,700	2,195,700	29,370,000
02/01/38	4.00	-	650,400	650,400	29,370,000
08/01/38	4.00	1,580,000	650,400	2,230,400	27,790,000
02/01/39	4.00	-	618,800	618,800	27,790,000
08/01/39	4.00	1,645,000	618,800	2,263,800	26,145,000
02/01/40	4.00	-	585,900	585,900	26,145,000
08/01/40	4.00	1,710,000	585,900	2,295,900	24,435,000
02/01/41	4.00	-	551,700	551,700	24,435,000
08/01/41	4.00	1,780,000	551,700	2,331,700	22,655,000
02/01/42	4.00	-	516,100	516,100	22,655,000

Payment Date	Interest Rate	Principal Payments	Interest Payments	Total Debt Service	Principal Balance
Project Fund: East Whitewater Replenishment					
Project Name: Oasis-In Lieu-Recharge					
Debt Issuance: Coachella Valley Water District, 2021A-Original Issue \$42,080,000					
08/01/42	4.00	1,855,000	516,100	2,371,100	20,800,000
02/01/43	4.00	-	479,000	479,000	20,800,000
08/01/43	4.00	1,930,000	479,000	2,409,000	18,870,000
02/01/44	4.00	-	440,400	440,400	18,870,000
08/01/44	4.00	2,005,000	440,400	2,445,400	16,865,000
02/01/45	4.00	-	400,300	400,300	16,865,000
08/01/45	4.00	2,090,000	400,300	2,490,300	14,775,000
02/01/46	4.00	-	358,500	358,500	14,775,000
08/01/46	4.00	2,175,000	358,500	2,533,500	12,600,000
02/01/47	4.00	-	315,000	315,000	12,600,000
08/01/47	4.00	2,275,000	315,000	2,590,000	10,325,000
02/01/48	4.00	-	258,125	258,125	10,325,000
08/01/48	4.00	2,390,000	258,125	2,648,125	7,935,000
02/01/49	4.00	-	198,375	198,375	7,935,000
08/01/49	4.00	2,515,000	198,375	2,713,375	5,420,000
02/01/50	4.00	-	135,500	135,500	5,420,000
08/01/50	4.00	2,640,000	135,500	2,775,500	2,780,000
02/01/51	4.00	-	69,500	69,500	2,780,000
08/01/51	5.00	2,780,000	69,500	2,849,500	-
Total		\$ 42,080,000	\$ 38,831,635	\$ 80,911,635	

CAPITAL IMPROVEMENTS |

Payment Date	Interest Rate	Principal Payments	Interest Payments	Total Debt Service	Principal Balance
Project Fund: East Whitewater Replenishment					
Project Name: Oasis-In Lieu-Recharge					
Coachella Valley Water District, 2021B Original Issue \$810,000					
08/01/21	1.35	\$ -	\$ 1,124	\$ 1,124	\$ 810,000
02/01/22	1.35	-	5,468	5,468	810,000
08/01/22	1.35	-	5,468	5,468	810,000
02/01/23	1.35	-	5,468	5,468	810,000
08/01/23	1.35	-	5,468	5,468	810,000
02/01/24	1.35	-	5,468	5,468	810,000
08/01/24	1.35	-	5,468	5,468	810,000
02/01/25	1.35	-	5,468	5,468	810,000
08/01/25	1.35	-	5,468	5,468	810,000
02/01/26	1.35	-	5,468	5,468	810,000
08/01/26	1.35	-	5,468	5,468	810,000
02/01/27	1.35	-	5,468	5,468	810,000
08/01/27	1.35	810,000	5,468	815,468	-
Total		\$ 810,000	\$ 66,734	\$ 876,734	

DISTRICTWIDE



DISTRICTWIDE PROJECTS

Over \$8.7 million is planned for Districtwide projects for fiscal year 2025 . These projects are funded with Pay-Go funds. These projects are not specific to any fund and the expenses are allocated to the following enterprise funds: Canal Water, Domestic Water, Sanitation, Stormwater, East Whitewater Replenishment, and West Whitewater Replenishment.

Capital Improvement Budget – Districtwide

Project Name	Budget FY 2025	Planned				Total 5-Year
		FY 2026	FY 2027	FY 2028	FY 2029	
Districtwide Allocated						
Coachella Crestron Implementation	\$350,000	\$0	\$0	\$0	\$0	\$350,000
Enterprise Resource Planning and Utility Billing System	4,077,500	3,185,000	4,077,500	3,185,000	1,400,000	15,925,000
Information Systems Infrastructure Upgrade	400,000	400,000	400,000	400,000	400,000	2,000,000
Palm Desert Operations Parking Lot Rehabilitation - Phase 2	200,000	-	-	-	-	200,000
Palm Desert Operations Parking Lot Rehabilitation - Phase 3	2,700,000	-	-	-	-	2,700,000
Palm Desert Upgrade Transfer Switch and Power Distribution	500,000	-	-	-	-	500,000
PLC Upgrade and Enhancements	500,000	500,000	500,000	500,000	500,000	2,500,000
Salt and Nutrient Management Plan Monitoring Wells - Phase 3	-	200,000	-	-	-	200,000
Total Districtwide	\$8,727,500	\$4,285,000	\$4,977,500	\$4,085,000	\$2,300,000	\$24,375,000

Coachella Crestron Implementation
Project Number: GD2502

Project Description

This project involves integrating Crestron's capabilities into the boardroom, conference room, and training room located in Coachella. Last year, the AV equipment in these rooms was partially upgraded, but this did not include updating the Crestron automation or audio systems.



Project Objectives

The main objective of this project is to enhance the boardroom, conference room, and training room in Coachella by integrating advanced Crestron automation and audio systems, building upon last year's partial AV equipment upgrade.

Schedule

Start :	07/01/2024	Complete :	06/30/2025	Project Status :	Planning
Estimated Project Cost (\$)	350,000	Funding Source	%		
Capitalized Labor	0	Pay-as-you-go	100		
Construction	0				
Other	350,000				
Planning/Design	0				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	350,000	0	0	0	0

Other Financial Impact	None.					
Operational Impact	If the systems stop working, it will impact our ability to host meetings as normal.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Enterprise Resource Planning and Utility Billing System
Project Number: GD2301

Project Description

This project includes the replacement of CVWD’s Enterprise Resource Planning (ERP) system and Utility Billing/Canal Billing system (UB). The scope of this multi-year project includes the analysis, selection, purchase, and implementation of the software and hardware necessary to replace and integrate these systems. CVWD relies on NaviLine, iSeries, and various third-party systems that have an uncertain future and do not fully leverage current-day technological capabilities to support CVWD’s needs to implement best practice processes. The existing ERP and UB system is further challenged by its inability to fully integrate with other core business and operational systems, resulting in unnecessary redundancy, fragmented information, and increased risk of compromising data integrity.



Project Objectives

The objective of this project is to obtain a long-term and stable cloud-based ERP and UB system that follows best practices for streamlined business processes and provides information that supports improved decision-making. Staff is seeking a system provided by a vendor that has a strong commitment to security and advancement by taking advantage of new technologies and responding to regulatory and industry changes.

Schedule

Start : 07/01/2021 Complete : 06/30/2030 Project Status : Selection/Procurement

Estimated Project Cost (\$)	16,085,000	Funding Source	%
Capitalized Labor	1,000,000	Pay-as-you-go	100
Software Hardware	12,425,000		
Implementation Services	2,500,000		
Planning/Design	160,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	160,000	4,077,500	3,185,000	4,077,500	3,185,000	1,400,000

Other Financial Impact
Implementation of an Enterprise Resource Planning system will require implementation consulting services support for project management, quality control, and system integrations. The District will issue an RFP for Enterprise Resource Planning System Implementation Services in the Spring of 2024. The estimated additional cost for five years is \$500,000 per year for a total cost of \$2,500,000. In addition, the new ERP system will require ongoing annual costs for support and O&M.

Operational Impact
The current ERP system requires minimal maintenance and no anticipated upgrades. It will be phased out of production by 2028.

Discretionary Non – Discretionary

Information Systems Infrastructure Upgrade

Project Number: GD2503

Project Description

Annual upgrade or replacement of critical end-of-life computer and network equipment. In FY 2024-25, Information Systems needs to replace the following systems: Servers for the Palm Desert Virtual Environment, Network equipment including distribution switches, and fiber channel for Coachella.



Project Objectives

Replace eight physical servers, three network switches, two firewalls, and network storage components.

Schedule

Start : 07/01/2022 Complete : 06/30/2029 Project Status : Planning

Estimated Project Cost (\$)	3,100,000	Funding Source	%
Capitalized Labor	0	Pay-as-you-go	100
Construction	0		
Other	3,100,000		
Planning/Design	0		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
700,000	400,000	400,000	400,000	400,000	400,000	400,000

Other Financial Impact	None.
Operational Impact	If the systems stop working, it will impact Information Systems' ability to support critical operations.
Discretionary	<input type="checkbox"/> Non - Discretionary <input checked="" type="checkbox"/>

Palm Desert Operations Parking Lot Rehabilitation - Phase 2

Project Number: GD2302

Project Description

This project includes rehabilitating the other half of the Palm Desert employees' parking lot located on the west side of the Operations & Critical Services buildings and CVWD vehicles parking lot located on the south side of the Operations building. Pavement improvements will include slurry and asphalt crack treatment.



Project Objectives

The objective of this project is to rehabilitate the pavement at the other half of the existing Palm Desert employee's parking lot located on the west side of the existing Operations & Critical Support Services buildings and Palm Desert Operations heavy equipment and trucks parking lot located south of the building and install new pavement with all necessary associated pavement work.

Schedule

Start : 07/01/2022 Complete : 06/30/2025 Project Status : Construction

Estimated Project Cost (\$)	1,279,800	Funding Source	%
Capitalized Labor	114,864	Pay-as-you-go	100
Construction	1,034,771		
Other	0		
Planning/Design	130,165		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
79,800	1,000,000	200,000	0	0	0	0

Other Financial Impact	Reduce O&M repairs due to pavement failures.
Operational Impact	This project will need routine repairs and maintenance.
Discretionary	<input type="checkbox"/> Discretionary <input checked="" type="checkbox"/> Non - Discretionary

Palm Desert Operations Parking Lot Rehabilitation - Phase 3

Project Number: GD2402

Project Description

This project includes phase 3 of the rehabilitation of Palm Desert's existing vehicle maintenance facility parking lot, located on the south side of the Operations building and around the gas station and Auto Shop building, with new asphalt concrete pavement and all necessary associated pavement work.



Project Objectives

The objective of this project is to rehabilitate the asphalt concrete pavement of the existing Palm Desert vehicle maintenance facility parking lot located on the south side of the Operations building and around the gas station and Auto Shop building and install new asphalt concrete pavement with all necessary associated pavement work.

Schedule

Start :	07/01/2024	Complete :	06/30/2025	Project Status :	Construction
Estimated Project Cost (\$)	2,700,000	Funding Source	%		
Capitalized Labor	150,013	Pay-as-you-go	100		
Construction	2,499,987				
Other	0				
Planning/Design	50,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	2,700,000	0	0	0	0

Other Financial Impact	Reduce O&M repairs due to pavement failures.
Operational Impact	This project will need routine repairs and maintenance.
Discretionary	<input type="checkbox"/> Non - Discretionary <input checked="" type="checkbox"/>

Palm Desert Upgrade Transfer Switch and Power Distribution

Project Number: GD2303

Project Description

This project includes investigation, field inspection, and design of a new switchboard, stand-alone automatic transfer switch, and 400kW generator refurbishment.



Project Objectives

The objective of this project is to design the needed upgrades to the existing switchboard and automatic transfer switch and to inspect and determine the necessary renovations to the existing generator.

Schedule

Start :	07/01/2022	Complete :	06/30/2025	Project Status :	Construction
Estimated Project Cost (\$)		574,700		Funding Source	
Capitalized Labor		18,720		Pay-as-you-go	
Construction		545,280		100	
Other		10,000			
Planning/Design		0			

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
40,700	34,000	500,000	0	0	0	0

Other Financial Impact	None.					
Operational Impact	None.					
Discretionary	<input checked="" type="checkbox"/>		Non - Discretionary		<input type="checkbox"/>	

PLC Upgrade and Enhancements
Project Number: GD2501

Project Description

This project aims to upgrade and replace the remaining 150 legacy Remote Terminal Units (RTUs). During the implementation of the SCADA Master Plan, over 100 RTUs were successfully replaced. Yet, it became evident that not all RTUs would be substituted within the span of the original program. In an effort to enhance system performance and reliability, the next phase involves replacing the remaining outdated RTUs with advanced Programmable Logic Controllers (PLCs). This step is crucial for ensuring seamless integration with modern technology, improving operational efficiency, and enhancing system resilience against potential vulnerabilities.



Project Objectives

The objective is to continue upgrading the SCADA system by replacing the remaining 150 legacy RTUs with advanced Programmable Logic Controllers (PLCs) for enhanced efficiency and reliability.

Schedule

Start :	07/01/2024	Complete :	06/30/2029	Project Status :	Design
Estimated Project Cost (\$)	2,500,000	Funding Source	%		
Capitalized Labor	250,000	Pay-as-you-go	100		
Construction	500,000				
Other	1,750,000				
Planning/Design	0				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	500,000	500,000	500,000	500,000	500,000

Other Financial Impact	Although the new components are more advanced and powerful, they are also designed to be more energy-efficient. Additionally, the enhancements from increased automation due to additional IO capabilities in the new system are likely to result in service improvements and cost savings.					
Operational Impact	None.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	



CVWD Palm Desert Operations parking lot with solar panels

DOMESTIC WATER



DOMESTIC WATER PROJECTS

Planned Domestic Water Fund projects for fiscal year 2025 amount to \$61.8 million. Of this amount, approximately \$35.5 million is funded by grants, \$24.8 million in debt, and \$4.9 million in Water System Backup Facility Charges.

Capital Improvement Budget – Domestic Water

Project Name	Budget FY 2025	Planned				Total 5-Year
		FY 2026	FY 2027	FY 2028	FY 2029	
Districtwide Project Allocation	\$3,857,125	\$1,656,750	\$1,877,125	\$1,564,750	\$940,000	\$9,895,750
Subtotal Districtwide Project Allocation	\$3,857,125	\$1,656,750	\$1,877,125	\$1,564,750	\$940,000	\$9,895,750
Booster Station Construction Program						
Booster Station 05513 Rehabilitation and Upgrade	\$75,000	\$2,500,000	\$1,475,000	\$0	\$0	\$4,050,000
Booster Station 07101 Rehabilitation and Upgrade	500,000	1,375,000	-	-	-	1,875,000
Booster Station 07102 Rehabilitation and Upgrade	100,000	450,000	1,265,000	-	-	1,815,000
Booster Station 07990 Rehabilitation and Upgrade	3,200,000	-	-	-	-	3,200,000
Hydropneumatic/Surge Tank Replacement Program - Phases 3 - 7	500,000	500,000	500,000	500,000	500,000	2,500,000
Subtotal Booster Station Construction Program	\$4,375,000	\$4,825,000	\$3,240,000	\$500,000	\$500,000	\$13,440,000
Reservoir Construction Program						
840' Zone Reservoir PDR, Design and Construction	\$0	\$0	\$0	\$0	\$300,000	\$300,000
Reservoir 4711-3 and 4711-4 Construction	2,500,000	3,100,000	-	-	-	5,600,000
Reservoir 4730-2 Design and Construction (Developer Project-Desert Retreat)	500,000	6,000,000	1,500,000	-	-	8,000,000
Reservoir 5514-2 Construction	50,000	2,000,000	1,000,000	-	-	3,050,000
Reservoir 7101-2 Construction	2,000,000	1,700,000	-	-	-	3,700,000
Reservoir 7802-2 Design and Construction (Developer Project-Thermal Ranch)	-	500,000	5,000,000	500,000	-	6,000,000
Valley Zone Reservoir PDR, Design, and Construction (Reservoir 5622-2)	-	-	-	500,000	5,000,000	5,500,000
Subtotal Reservoir Construction Program	\$5,050,000	\$13,300,000	\$7,500,000	\$1,000,000	\$5,300,000	\$32,150,000
Reservoir Rehabilitation Program						
Reservoir 3601-1 Rehabilitation	\$150,000	\$1,500,000	\$0	\$0	\$0	\$1,650,000
Reservoir 5513 Rehabilitation	-	150,000	1,500,000	-	-	1,650,000
Reservoir 5514-1 Rehabilitation	-	-	-	100,000	975,000	1,075,000
Reservoir 7101-1 Rehabilitation	-	-	-	100,000	1,125,000	1,225,000
Subtotal Reservoir Rehabilitation Program	\$150,000	\$1,650,000	\$1,500,000	\$200,000	\$2,100,000	\$5,600,000

Capital Improvement Budget – Domestic Water (continued)

Project Name	Budget FY 2025	Planned				Total 5-Year
		FY 2026	FY 2027	FY 2028	FY 2029	
Water Main Improvements						
Avenue 66 Transmission Main - Phase 1B, 2 and Lincoln Street	\$17,766,189	\$0	\$0	\$0	\$0	\$17,766,189
Avenue 70 and Pierce Street Water Consolidation	-	1,000,000	8,000,000	6,000,000	-	15,000,000
Avenue 76 Water Consolidation	-	1,000,000	4,000,000	-	-	5,000,000
Dale Kiler Road Water Main Replacement	8,160,740	-	-	-	-	8,160,740
Desert Water Agency Regional Intertie	-	250,000	-	-	-	250,000
Highway 86 Transmission Main - Phase 3 Final Design and Construction	-	700,000	7,500,000	7,500,000	-	15,700,000
Lake Cahuilla/Middleton Road PRV	-	500,000	-	-	-	500,000
Leon Housing Water Consolidation	-	6,500,000	500,000	-	-	7,000,000
Los Gatos Water Consolidation	-	500,000	1,100,000	-	-	1,600,000
North Shore Water Main Replacements	100,000	-	-	-	-	100,000
Portola Del Sol Water 3-inch Water Main Replacement	-	150,000	750,000	-	-	900,000
Preliminary Design Report for Highway 86 Transmission Main - Phase 3 and 4	340,000	-	-	-	-	340,000
Sky Mountain Pressure Zone Enhancements - Thousand Palms Area	-	-	-	100,000	1,950,000	2,050,000
Sun City Palm Desert Water Main Replacement - Phase 2B	3,000,000	11,800,000	-	-	-	14,800,000
Sun City Palm Desert Water Main Replacement - Phase 3A	-	-	300,000	8,000,000	-	8,300,000
Sun City Palm Desert Water Main Replacement - Phase 3B	-	-	-	300,000	6,250,000	6,550,000
Sun City Palm Desert Water Main Replacement - Phase 4	-	-	-	-	200,000	200,000
Talavera Water Main Replacement - Phase 1	50,000	1,000,000	6,250,000	-	-	7,300,000
Talavera Water Main Replacement - Phase 3	-	-	200,000	5,000,000	-	5,200,000
Talavera Water Main Replacement - Phase 4	-	-	-	300,000	5,000,000	5,300,000
Talavera Water Main Replacement - Phase 5	-	-	-	-	300,000	300,000
Tri-Palm Water Main Replacement - Phase 1	-	50,000	2,020,000	-	-	2,070,000
Tri-Palm Water Main Replacement - Phase 2	-	-	200,000	2,200,000	-	2,400,000
Tri-Palm Water Main Replacement - Phase 3	-	-	-	200,000	2,150,000	2,350,000
Valley View Water Consolidation	5,000,000	11,000,000	1,000,000	-	-	17,000,000
Subtotal Water Main Improvements	\$34,416,929	\$34,450,000	\$31,820,000	\$29,600,000	\$15,850,000	\$146,136,929

Capital Improvement Budget – Domestic Water (continued)

Project Name	Budget FY 2025	Planned				Total 5-Year
		FY 2026	FY 2027	FY 2028	FY 2029	
Well Drilling and Upgrade Program						
New Wells (x2 Mecca/Middleton/La Quinta/ Valley/Sky Mountain/Date Palm/Mission)	\$0	\$1,500,000	\$3,500,000	\$3,500,000	\$0	\$8,500,000
Well 4529-1 Drilling and MCC	340,000	-	-	-	-	340,000
Well 4529-1 Pumping Plant	500,000	2,000,000	-	-	-	2,500,000
Well 4569-1 Drilling and Construction (Developer Funded - Verano)	100,000	3,500,000	-	-	-	3,600,000
Well 4569-1 MCC Procurement	340,000	-	-	-	-	340,000
Well 4632-1 Drilling and Construction (Developer Funded - Cotino)	3,500,000	-	-	-	-	3,500,000
Well Rehabilitation, FY 2026 -2029	-	500,000	500,000	500,000	500,000	2,000,000
Well Rehabilitation - Phase 3 (Well 5662-1)	400,000	-	-	-	-	400,000
Subtotal Well Drilling and Upgrade Program	\$5,180,000	\$7,500,000	\$4,000,000	\$4,000,000	\$500,000	\$21,180,000
Treatment						
Hexavalent Chromium Treatment Evaluation	\$678,243	\$0	\$0	\$0	\$0	\$678,243
Ion Exchange Treatment Plant 7991 Replacement Project	8,100,000	501,645	-	-	-	8,601,645
Subtotal Treatment	\$8,778,243	\$501,645	\$0	\$0	\$0	\$9,279,888
Total Domestic	\$61,807,297	\$63,883,395	\$49,937,125	\$36,864,750	\$25,190,000	\$237,682,567

Booster Station 05513 Rehabilitation and Upgrade
Project Number: B01802

Project Description

This project includes relocating two old existing booster pump systems at Booster Station No. 5514 (BS 05514) to the nearby Booster Station No. 5513 (BS 05513) site located within Thunderbird Country Club in the City of Rancho Mirage. Booster Station No. 5514 was constructed in 1959 and is a critical facility that serves approximately 80 customers. Additionally, this project includes the design and construction of a pipeline, demolition plan, and pressure-reducing station. The consolidation of the booster stations will also maximize pumping efficiencies and improve system reliability by utilizing new equipment and adding a permanent on-site backup electrical generator.



Project Objectives

The objective of this project is to build a new Booster Station at CVWD Site 5513 to replace existing booster stations BS05514 North and BS05514 South. These existing booster stations are 61 years old, inefficient, and deteriorated.

Schedule

Start : 07/01/2019 Complete : 06/30/2027 Project Status : Design

Estimated Project Cost (\$)	4,340,800	Funding Source	%
Capitalized Labor	457,680	Bond	100
Construction	3,601,120		
Other	84,000		
Planning/Design	198,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
290,800	0	75,000	2,500,000	1,475,000	0	0

Other Financial Impact CVWD will save on operating costs by relocating Booster Station 5514 to Booster Station 5513 and rehabilitating/upgrading one site.

Operational Impact Booster Stations 5514 North and 5514 South are each 61 years old and in need of replacement. By combining the two boosters at one site and installing a backup electrical generator, efficiency and water service reliability are significantly increased.

Discretionary Non - Discretionary

Booster Station 07101 Rehabilitation and Upgrade
Project Number: B02202

Project Description

This project includes upgrading all necessary aboveground and belowground appurtenances, including pumps and motors, piping, valves, mechanical, structural, electrical, instrumentation, telemetry switch, and other miscellaneous work to improve the reliability and efficiency of Booster Station 07101. The booster pump station provides vital domestic water service and fire flow protection to customers in the North Shore community. This project will improve reliability by replacing corroded submersible pump cans and piping.



Project Objectives

The objective of this project is to improve system reliability and efficiency by replacing the aging mechanical and electrical equipment.

Schedule

Start : 07/01/2021 Complete : 06/30/2026 Project Status : Planning

Estimated Project Cost (\$)	2,020,500	Funding Source	%
Capitalized Labor	350,400	USDA Grant	40
Construction	1,495,260	USDA Loan	60
Other	24,840		
Planning/Design	150,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
35,500	110,000	500,000	1,375,000	0	0	0

Other Financial Impact	Decrease of electrical operating costs due to more efficient pumps and motors.					
Operational Impact	Booster Station 07101 needs replacement. This station is required to provide water to a portion of a community in the North Shore area, and if it fails, customers will be without water until it is repaired.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Booster Station 07102 Rehabilitation and Upgrade
Project Number: B02203

Project Description

This project includes upgrading all necessary aboveground and belowground appurtenances, including pumps and motors, piping, valves, mechanical, structural, electrical, instrumentation, telemetry, and other miscellaneous work to improve the reliability and efficiency of the Booster Station 07102. The booster pump station provides vital domestic water service and fire flow protection to customers in the northeastern portion of the North Shore community. This project will improve reliability by replacing corroded submersible pump cans and piping.



Project Objectives

The objective of this project is to improve system reliability and efficiency by replacing the aging mechanical and electrical equipment.

Schedule

Start :	01/07/2021	Complete :	06/30/2027	Project Status :	Planning
Estimated Project Cost (\$)	1,960,500			Funding Source	%
Capitalized Labor	350,400			USDA Loan	60
Construction	1,434,860			USDA Grant	40
Other	25,240				
Planning/Design	150,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
37,000	108,500	100,000	450,000	1,265,000	0	0

Other Financial Impact	Decrease electrical O&M costs due to more efficient pumps and motors.					
Operational Impact	Booster Station 07102 needs replacement. This station is required to provide water to a portion of a community in the North Shore area, and if it fails, customers will be without water until it is repaired.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Booster Station 07990 Rehabilitation and Upgrade
Project Number: B02201

Project Description

This project includes rehabilitating and upgrading Booster Pump Station 07990 and all necessary aboveground and belowground appurtenances, including pumps and motors, piping, valves, mechanical, structural, electrical, instrumentation, telemetry, and other miscellaneous work.



Project Objectives

The objective of this project is to improve system reliability by replacing the aging mechanical and electrical equipment.

Schedule

Start :	07/29/2019	Complete :	06/30/2026	Project Status :	Design
Estimated Project Cost (\$)		3,345,500	Funding Source		%
Capitalized Labor		355,200	USDA Grant		40
Construction		2,815,260	USDA Loan		60
Other		25,040			
Planning/Design		150,000			

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
49,100	96,400	3,200,000	0	0	0	0

Other Financial Impact	Decreased electrical operating costs due to more efficient pumps and motors.					
Operational Impact	Booster Station 07990 is 55 years old and in need of replacement. This station is required to provide water to the communities of North Shore, Bombay Beach, and Hot Mineral Spa. If this booster station were to fail, customers would only have enough water until reservoir storage depletes, which could be a few hours.					
Discretionary	<input checked="" type="checkbox"/>		Non - Discretionary		<input type="checkbox"/>	

Hydropneumatic Surge/Tank Replacement Program - Phases 3-7

Project Number: DW2403

Project Description

This project includes replacing/repairing three aging hydropneumatic tanks in priority on a condition assessment analysis of the domestic water distribution system.



Project Objectives

The objective of this project is to replace/ repair three existing hydropneumatic tanks in order of priority based on hydraulic surge analysis and condition assessment of the domestic water system. The tanks are aged and corroding and need to be replaced/repared for safety purposes to avoid failure and disruption of the water service. This is a multi-year program to replace/repair all of the hydropneumatic tanks in the domestic water system.

Schedule

Start :	01/02/2024	Complete :	06/30/2029	Project Status :	Planning
Estimated Project Cost (\$)		2,500,000		Funding Source	%
Capitalized Labor		150,010		Pay-as-you-go	100
Construction		2,249,990			
Other		0			
Planning/Design		100,000			

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	500,000	500,000	500,000	500,000	500,000

Other Financial Impact	Reduce unexpected costs to repair damaged tanks.					
Operational Impact	The hydropneumatic tank/system will maintain water pressure, provide water storage for low flows, mitigate pressure surges in the domestic water distribution system, and allow for the booster pump(s) to cycle at appropriate intervals.					
Discretionary	<input type="checkbox"/>		Non - Discretionary		<input checked="" type="checkbox"/>	

Reservoirs 4711-3 and 4711-4 Construction
Project Number: R01503

Project Description

This project consists of designing and constructing two new one million-gallon reservoirs to replace Reservoirs 4711-1 and 4711-2. Both existing reservoirs are bolted steel tanks that are old, leak, and have moderate to severe corrosion on the bolt runs, as noted in CVWD's Reservoir Prioritization Report dated April 2018. Analysis shows that replacing the existing reservoirs with new welded steel reservoirs is more cost-effective than rehabilitating the existing reservoirs.



Project Objectives

This project's objective is to provide additional storage in the Sky Valley Pressure Zone for more reliable service.

Schedule

Start : 01/02/2024 Complete : 06/30/2026 Project Status : Construction

Estimated Project Cost (\$)	6,123,400	Funding Source	%
Capitalized Labor	164,000	State Revolving Loan	14
Construction	5,509,400	WSBFC	86
Other	250,000		
Planning/Design	200,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
323,400	200,000	2,500,000	3,100,000	0	0	0

Other Financial Impact	California Department of Water Resources awarded CVWD a \$850,000 grant for construction on December 15, 2022. The Grant Agreement was executed on March 9, 2023.					
Operational Impact	Increase the amount of water storage per customer in the Sky Valley Pressure Zone, able to serve current and future water demands, and improve the reliability of the water system.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Reservoir 4730-2 Design and Construction

Project Number: R02501

Project Description

This project includes constructing a new 7-million-gallon reservoir on the existing Reservoir 4730-1 Site to provide additional water storage within the Sun City Pressure Zone. The project, which is partially funded by the developer, will provide the required storage capacity for the Desert Retreat Development as well as additional domestic water and fire protection storage for the Sun City Pressure Zone. The proposed reservoir will reduce the zone storage deficiency, improve system reliability, and allow Reservoir 4730-1 to be removed from service for rehabilitation.



Project Objectives

This project's objective is to construct a 7-million-gallon domestic water storage tank to serve the Desert Retreat development within the Sun City Pressure Zone.

Schedule

Start : 07/01/2024 Complete : 06/30/2027 Project Status : Design

Estimated Project Cost (\$)		Funding Source	%
Capitalized Labor	8,000,000	Developer	25
Construction	242,500	WSBFC	75
Other	7,507,500		
Planning/Design	0		
	250,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	500,000	6,000,000	1,500,000	0	0

Other Financial Impact	This project will be partially funded by a developer.					
Operational Impact	The new reservoir will serve current and future water demands within the Sun City Pressure Zone.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Reservoir 5514-2 Design and Construction

Project Number: R01704

Project Description

This project includes constructing a new 0.5 million-gallon reservoir on the existing reservoir/booster site 5514 to provide additional water storage within the Lower Thunderbird Pressure Zone. Based on a recent storage capacity analysis, this zone has a storage deficiency of approximately 0.6 million gallons. The proposed reservoir will reduce the zone storage deficiency, improve system reliability, and allow Reservoir 5514-1 to be removed from service for rehabilitation.



Project Objectives

The objective of this project is to enable existing Reservoir 5514-1 to be removed from service for rehabilitation, improve system reliability, and provide additional water storage within the Lower Thunderbird Pressure Zone by constructing a new 0.5 million-gallon reservoir on the existing reservoir/booster site 5514.

Schedule

Start :	07/31/2022	Complete :	06/30/2027	Project Status :	Design
Estimated Project Cost (\$)		3,198,000		Funding Source	
Capitalized Labor		435,080		Loan	
Construction		2,500,920		100	
Other		87,000			
Planning/Design		175,000			

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
148,000	0	50,000	2,000,000	1,000,000	0	0

Other Financial Impact	A new reservoir will require additional labor for inspection and maintenance. Additional storage will allow CVWD to take advantage of Time-of-use electrical rates for Booster Station 05513.					
Operational Impact	A second reservoir will allow the removal of one reservoir from service for routine maintenance and repairs.					
Discretionary	<input type="checkbox"/>			Non - Discretionary		<input checked="" type="checkbox"/>

Reservoir 7101-2 Design and Construction

Project Number: R02004

Project Description

This project includes the design and construction of a new 1-million-gallon welded steel above-ground domestic water storage reservoir on an existing CVWD reservoir/booster site located in the North Shore community on 70th Avenue. The new Reservoir 7101-2 will provide additional water storage for the North Shore area and allow for the rehabilitation of existing Reservoir 7101-1.



Project Objectives

The objective of this project is to construct an above-ground steel domestic water reservoir at the existing CVWD Site 7101 to provide additional water storage for increasing domestic water and fire protection demands within the North Shore Pressure Zone.

Schedule

Start :	07/01/2019	Complete :	12/31/2025	Project Status :	Construction
Estimated Project Cost (\$)	4,367,300			Funding Source	%
Capitalized Labor	549,000			USDA Loan	65
Construction	3,633,300			USDA Grant	35
Other	35,000				
Planning/Design	150,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
187,300	280,000	2,000,000	1,700,000	0	0	0

Other Financial Impact	Tank will need to be inspected every five years per SWRCB requirements.
Operational Impact	The construction of new Reservoir 7101-2 will improve the system's reliability by enhancing the water storage capacity for customers within this pressure zone. In addition, the proposed reservoir would allow CVWD to take Reservoir 7101-1 out of service for routine O&M without jeopardizing service to our customers.
Discretionary	<input checked="" type="checkbox"/> Non - Discretionary <input type="checkbox"/>

Reservoir 3601-1 Rehabilitation
Project Number: R01801

Project Description

This project includes inspecting, repairing, and rehabilitating the existing active Reservoir 3601-1 located near Dillon Road in Sky Valley to maximize its service life and updating appurtenances to current Cal-OSHA and CVWD standards. This reservoir is listed as priority #1 in Category 1 of the 2018 Reservoir Prioritization Report.



Project Objectives

The objective of this project is to inspect, repair, and rehabilitate existing active Reservoir 3601-1 in order to maximize its service life and update necessary associated appurtenances to current Cal/OSHA and CVWD standards.

Schedule

Start :	07/01/2024	Complete :	06/30/2026	Project Status :	Planning		
Estimated Project Cost (\$)		1,650,000		Funding Source		%	
Capitalized Labor		150,085		Pay-as-you-go		100	
Construction		1,469,915					
Other		0					
Planning/Design		30,000					

Cost Projections (\$)

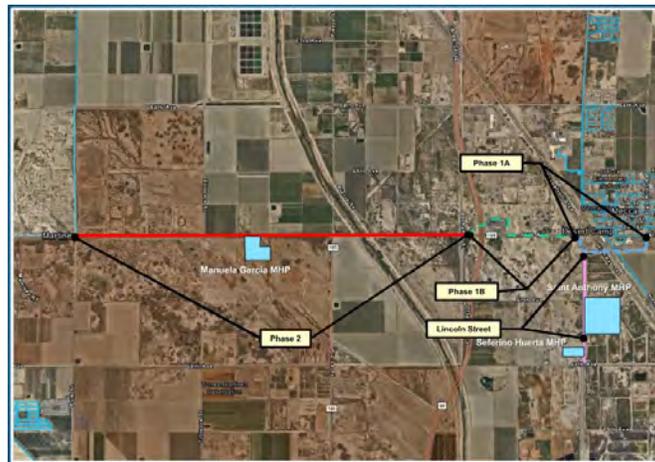
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	150,000	1,500,000	0	0	0

Other Financial Impact	None					
Operational Impact	The inspection, repair, and rehabilitation of existing Reservoir 3601-1 will improve water quality and maintain the water storage capacity for the Sky Valley and Indio Hills Pressure Zones.					
Discretionary	<input type="checkbox"/>			Non - Discretionary		<input checked="" type="checkbox"/>

Avenue 66 Transmission Main - Phase 1B, 2 and Lincoln Street
Project Number: DW2105

Project Description

This project includes constructing a 30-inch diameter transmission main along Avenue 66 between the County of Riverside's new Bridge and Polk Street and a 12-inch diameter transmission main along Lincoln Street between the County of Riverside's new Bridge and Avenue 68. The transmission main will provide a secondary water supply to Mecca and serve as the backbone water facility for future consolidations in the Eastern Coachella Valley. In addition, the new transmission main will provide a more reliable water supply to customers in these areas.



Project Objectives

The objective of this project is to consolidate small water systems in the Eastern Coachella Valley and provide a secondary water supply to Mecca. The facility will provide a more reliable water supply to customers in this area and create opportunities for development and growth.

Schedule

Start :	07/01/2020	Complete :	05/10/2025	Project Status :	Construction
Estimated Project Cost (\$)	24,287,889			Funding Source	%
Capitalized Labor	0			Grant	100
Construction	24,287,889				
Other	0				
Planning/Design	0				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
1,521,700	5,000,000	17,766,189	0	0	0	0

Other Financial Impact: \$7 million in state funding was received in September 2022, and SWRCB approved a \$23.9 million grant on April 19, 2022.

Operational Impact: None.

Discretionary: Non - Discretionary:

Dale Kiler Road Water Main Replacement
Project Number: DW1704

Project Description

This project includes replacing approximately 13,635 linear feet of 8-inch and 12-inch diameter corroded ductile iron pipe (DIP) and appurtenances within Dale Kiler Road and in nearby streets in Mecca. These pipelines were installed approximately twenty-eight (28) years ago and have experienced six (6) water main leaks in the past several years. Water leaks result in an interruption of water service to customers during repairs, disruption to the community, unexpected expenses, and additional staff time to address the impacts resulting from the pipe failures. The funding request for FY 25 is to cover costs for construction.



Project Objectives

The objective of this project is to eliminate the ongoing leaks, subsequent water outages, and repairs that impact the residents and the streets within the community.

Schedule

Start : 09/18/2023 Complete : 06/30/2025 Project Status : Construction

Estimated Project Cost (\$)	9,232,740	Funding Source	%
Capitalized Labor	463,900	USDA Loan	100
Construction	8,373,840		
Other	245,000		
Planning/Design	150,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
297,000	775,000	8,160,740	0	0	0	0

Other Financial Impact	Reduce O&M.					
Operational Impact	The replacement and upsizing of the existing deteriorated water main will allow CVWD to continue providing reliable domestic water service and fire protection to existing customers within the Dale Kiler area.					
Discretionary	<input type="checkbox"/>	Non – Discretionary			<input checked="" type="checkbox"/>	

North Shore Water Main Replacement
Project Number: DW1622

Project Description

This project includes replacing approximately 14,238 linear feet of 4-inch, 6-inch, 8-inch, and 10-inch diameter Asbestos Cement (AC) pipeline with new 24-inch and 12-inch diameter zinc-coated ductile iron pipeline in Bay Drive, Vander Veer Road, 70th Avenue, a portion of Lookout Drive, and a portion of Sea View Way in the unincorporated community of North Shore in Riverside County. The new pipelines will eliminate a hydraulic restriction to Reservoir 7101-1, which will benefit the North Shore Pressure Zone. The funding request for FY 25 is to cover costs for the construction loan.



Project Objectives

The objective of this project is to replace approximately 14,238 linear feet of various sizes of asbestos-concrete water mains with 24-inch and 12-inch diameter zinc-coated ductile iron pipelines.

Schedule

Start :	09/18/2023	Complete :	06/30/2025	Project Status :	Construction
Estimated Project Cost (\$)	9,841,200	Funding Source	%		
Capitalized Labor	468,920	USDA Loan	100		
Construction	8,929,297				
Other	144,983				
Planning/Design	298,000				

Cost Projections (\$)

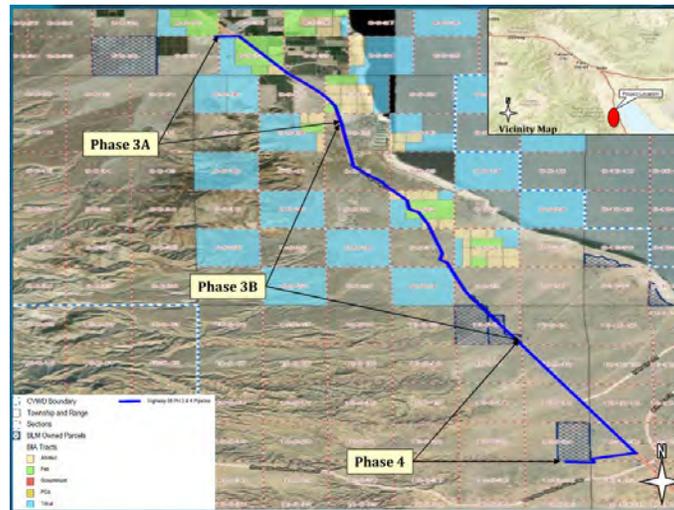
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
341,200	9,400,000	100,000	0	0	0	0

Other Financial Impact	Reduce O&M.
Operational Impact	Replacing and upsizing the existing deteriorated water main will eliminate an existing hydraulic restriction to Reservoir 7101-1. The pipeline will allow CVWD to continue providing reliable domestic water service and fire protection to existing customers within the North Shore area.
Discretionary	<input type="checkbox"/> Non - Discretionary <input checked="" type="checkbox"/>

Preliminary Design Report for Highway 86 Transmission Main - Phase 3 & Phase 4
 Project Number: DW2104

Project Description

This project includes the preparation of a Preliminary Design Report to identify alternative alignments, right-of-way requirements, and project costs for the Highway 86 Transmission Main, Phase 3, and Phase 4 Project. The proposed pipeline corridor is comprised of State right-of-way and tribal lands and extends from Avenue 84 to Salton City. This project is partially funded using a planning grant from the State Water Resources Control Board (SWRCB).



Project Objectives

The objective of this project is to evaluate alternate alignments and right-of-way for the proposed transmission main.

Schedule

Start : 06/30/2020 Complete : 04/08/2025 Project Status : Planning

Estimated Project Cost (\$)	1,503,300	Funding Source	%
Capitalized Labor	288,500	WSBFC	50
Construction	0	Grant	50
Other	71,505		
Planning/Design	1,143,295		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
803,300	360,000	340,000	0	0	0	0

Other Financial Impact	CVWD has obtained planning grant funding.					
Operational Impact	Provide redundancy to the water system servicing the Salton City communities.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Sun City Palm Desert Water Main Replacement - Phase 2B
Project Number: DW2001

Project Description

This project includes replacing approximately 23,000 feet of corroded pipe in Sun City Palm Desert (SCPD). SCPD is a master-planned community comprised of 4,985 homes served by approximately 44 miles of domestic water pipelines in north Indio. Multiple leaks have occurred within this community over the past several years due to corrosive soils. These leaks result in a lack of water service to our customers during repairs, disruption to the community, unexpected expenses, and additional staff time to address the impacts resulting from the pipe failures.



Project Objectives

The purpose of this project is to replace a portion (23,000 feet) of corroded ductile iron pipe (DIP) and appurtenances within the master-planned community of Sun City Palm Desert (SCPD) located in north Indio.

Schedule

Start :	07/01/2019	Complete :	06/30/2026	Project Status :	Construction
Estimated Project Cost (\$)	14,800,000			Funding Source	%
Capitalized Labor	647,700			State Revolving Loan	100
Construction	14,017,300				
Other	35,000				
Planning/Design	100,000				

Cost Projections (\$)

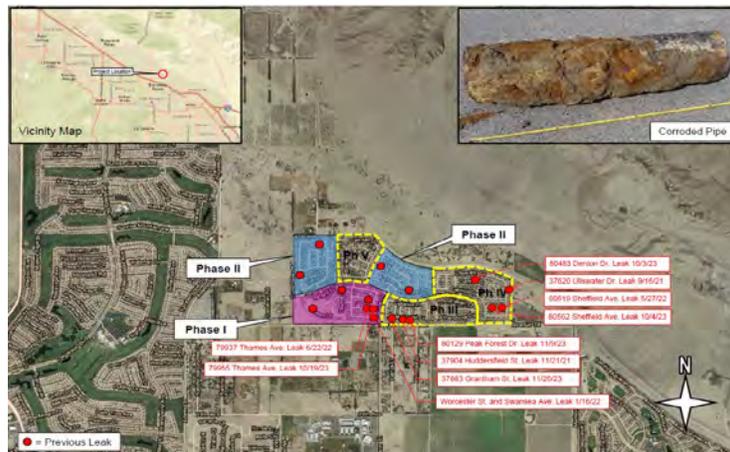
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	3,000,000	11,800,000	0	0	0

Other Financial Impact	Reduce O&M
Operational Impact	The replacement of the pipe is needed to prevent future leaks from occurring. The replacement of the existing and deteriorated distribution pipelines and service lines will improve domestic service and fire protection and increase the reliability of water delivery to customers within the project area.
Discretionary	<input type="checkbox"/> Non - Discretionary <input checked="" type="checkbox"/>

Talavera Water Main Replacement - Phase 1
Project Number: DW1605

Project Description

This project includes replacing approximately 12,750 feet of corroded ductile iron pipe (DIP) and appurtenances within the master-planned community of Talavera located in north Indio. The Talavera community consists of 782 homes and was completed 14 years ago. However, the water system has already experienced seventeen water main leaks during the past nine years due to the presence of corrosive soils. These leaks result in a lack of water service to our customers during repairs, disruption to the community, unexpected expenses, and additional staff time to address the impacts resulting from the pipe failures.



Project Objectives

The objective of this project is to eliminate the ongoing leaks, subsequent water outages, and repairs that impact the residents and the private streets within the community.

Schedule

Start : 07/01/2019 Complete : 06/30/2027 Project Status : Construction

Estimated Project Cost (\$)	7,300,000	Funding Source	%
Capitalized Labor	0	State Revolving Loan	100
Construction	7,250,000		
Other	0		
Planning/Design	50,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	50,000	1,000,000	6,250,000	0	0

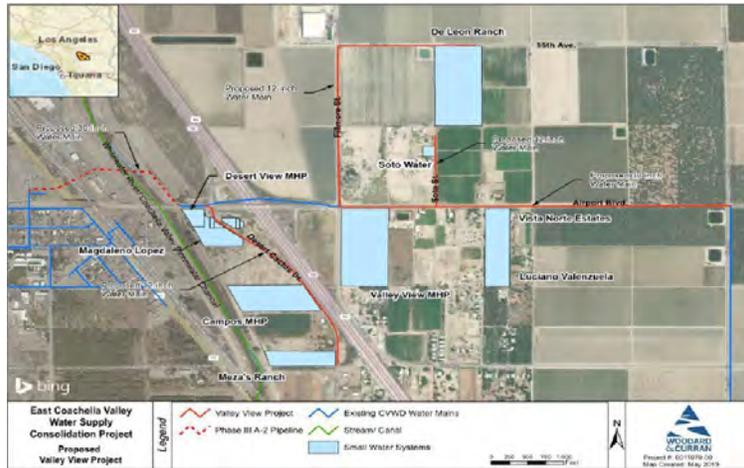
Other Financial Impact	Eliminate the ongoing leaks, subsequent water outages, and repairs that impact the residents and the private streets within the community.					
Operational Impact	Decrease O&M costs due to the replacement of leaking water mains.					
Discretionary	<input type="checkbox"/>			Non – Discretionary		<input checked="" type="checkbox"/>

Valley View Water Consolidation Project

Project Number: DW2113

Project Description

This project includes consolidating nine small water systems with CVWD's public water system by installing approximately 14,945 linear feet of 30-inch, 24-inch, 12-inch, and 8-inch diameter domestic water ductile iron pipe and appurtenances generally located within Airport Boulevard between Fillmore Street and Pierce Street in the unincorporated community of Thermal. This project will improve the water supply reliability, water quality, and water security of the SWSs, all of which are small, disadvantaged communities.



Project Objectives

This project includes consolidating nine SWSs with CVWD's public water system by installing approximately 14,945 linear feet of 30-inch, 24-inch, 12-inch, and 8-inch diameter domestic water ductile iron pipe and appurtenances generally located within Airport Boulevard between Fillmore Street and Pierce Street in the unincorporated community of Thermal. This project will improve the water supply reliability, water quality, and water security of the SWSs, all of which are small, disadvantaged communities.

Schedule

Start : 07/01/2020 Complete : 06/30/2027 Project Status : Design

Estimated Project Cost (\$)	18,039,100	Funding Source	%
Capitalized Labor	240,200	Grant	100
Construction	16,309,800		
Other	100,000		
Planning/Design	1,389,100		

Cost Projections (\$)

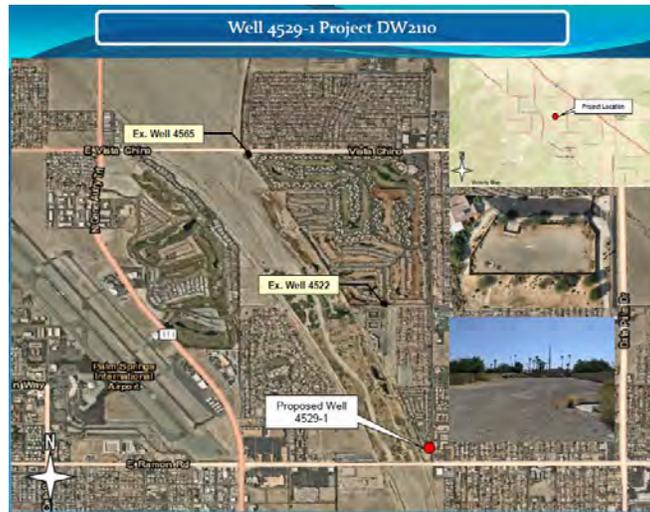
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
439,100	600,000	5,000,000	11,000,000	1,000,000	0	0

Other Financial Impact	This project will use grant funding.					
Operational Impact	Increase O&M costs.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Well No. 4529-1 Drilling and MCC
Project Number: DW2110

Project Description

This project includes procuring a Motor Control Center (MCC) for this well. The well was drilled in 2021. Well 4529-1 will support customer demands within the Date Palm production zone and will provide CVWD with the ability to maintain existing levels of domestic water production in the event another well in the production zone is taken out of service. MCC procurement is in progress.



Project Objectives

The objective of this project is to drill and outfit a new well to support customer demands in the Date Palm production zone.

Schedule

Start : 10/28/2020 Complete : 06/30/2025 Project Status : Construction

Estimated Project Cost (\$)	2,581,700	Funding Source	%
Capitalized Labor	38,200	Pay-as-you-go	100
Construction	2,503,500		
Other	0		
Planning/Design	40,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
2,216,700	25,000	340,000	0	0	0	0

Other Financial Impact	None.
Operational Impact	The well will allow operational flexibility in the Date Palm production zone and improve reliability in the event of a power outage.
Discretionary	<input type="checkbox"/> Non - Discretionary <input checked="" type="checkbox"/>

Well 4529-1 Pumping Plant
Project Number: DW2305

Project Description

This project includes the construction of Well 4529-1 pumping plant and the installation of the emergency generator. Well 4529-1 will support customer demands within the Date Palm production zone and will provide CVWD with the ability to maintain existing levels of domestic water production in the event another well in the production zone is taken out of service. The emergency backup generator will allow CVWD to continue to provide domestic water service to the local community in the event of commercial power outages. The well has been drilled and this project will equip the well.



Project Objectives

The objective of this project is to equip the recently drilled well to provide reliable service to customers in the Date Palm production zone.

Schedule

Start : 01/05/2023 Complete : 06/30/2024 Project Status : Construction

Estimated Project Cost (\$)	2,500,000	Funding Source	%
Capitalized Labor	60,960	Pay-as-you-go	100
Construction	2,364,040		
Other	0		
Planning/Design	75,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	500,000	2,000,000	0	0	0

Other Financial Impact: None.

Operational Impact: The well will allow operational flexibility in the Date Palm production zone and improve reliability in the event of a power outage.

Discretionary: Non - Discretionary:

Well No. 4569-1 Drilling and Construction
Project Number: DW2501

Project Description

This project includes drilling and constructing Well 4569-1, a pumping plant, and an emergency backup generator. Well 4569-1 is a developer-funded project that will support new customer demands within the Rio Vista Production Zone. The emergency backup generator will allow CVWD to continue providing domestic water service to the local community in the event of commercial power outages.



Project Objectives

Support new customer demands within the Rio Vista Production Zone.

Schedule

Start :	12/14/2022	Complete :	06/26/2026	Project Status :	Design
Estimated Project Cost (\$)	3,600,000	Funding Source	%		
Capitalized Labor	63,600	Developer	100		
Construction	3,536,400				
Other	0				
Planning/Design	0				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	100,000	3,500,000	0	0	0

Other Financial Impact	This project is developer-funded.					
Operational Impact	This well will allow additional operational flexibility in the Rio Vista Production Zone and greater reliability in the event of a power outage.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Well No. 4569-1 MCC Procurement
Project Number: DW2302

Project Description

This project includes MCC procurement for Well 4569-1. Well 4569-1 is a developer-funded project that will support new customer demands within the Date Palm production zone.



Project Objectives

The objective of this project is to drill and outfit a new well to support customer demands in the Date Palm production zone.

Schedule

Start :	12/14/2022	Complete :	06/26/2026	Project Status :	Design
Estimated Project Cost (\$)	371,900	Funding Source	WSBFC	%	100
Capitalized Labor	0				
Construction	365,000				
Other	0				
Planning/Design	6,900				

Cost Projections (\$)

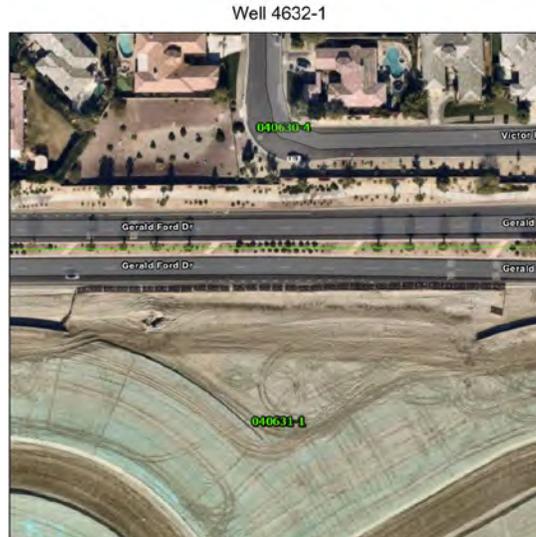
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
6,900	25,000	340,000	0	0	0	0

Other Financial Impact	None.					
Operational Impact	The well will allow operational flexibility in the Date Palm production zone and improve reliability in the event of a power outage.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Well 4632-1 Design and Drilling Cotino
Project Number: DW2402

Project Description

This project includes drilling and construction of Well 4632-1, the pumping plant, and the emergency generator. Well 4632-1 is a developer-funded project that will support new customer demands within the Mission Hills production zone. The emergency backup generator will allow CVWD to continue providing domestic water service to the local community in the event of commercial power outages.



Project Objectives

The objective of this project is to drill and equip a new domestic production well to provide reliable water service and support growth in the Mission Hills Pressure Zone.

Schedule

Start :	07/01/2023	Complete :	06/26/2026	Project Status :	Design
Estimated Project Cost (\$)	4,500,000	Funding Source	WSBFC		
Capitalized Labor	81,640	%	100		
Construction	4,418,360				
Other	0				
Planning/Design	0				

Cost Projections (\$)

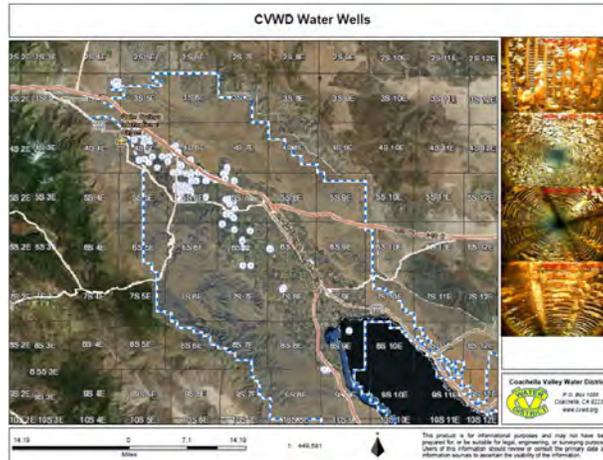
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	1,000,000	3,500,000	0	0	0	0

Other Financial Impact	This Project is developer-funded.					
Operational Impact	The new well will provide additional water supply to support additional service connections.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Well Rehabilitation Project - Phase 3: Well 5662-1
Project Number: DW2005

Project Description

This project includes implementing the well maintenance prioritization plan to maximize the existing and future well production, and improve the overall well pumping efficiency of active wells. CVWD is dependent on water wells for domestic water production, and unexpected failures create major challenges to maintaining an adequate supply. Rehabilitating existing wells will increase efficiency, decrease operating costs, and reduce the need to build costly new well facilities by improving and extending the service life of existing assets.



Project Objectives

The objective of this project is to implement the well maintenance prioritization plan to maximize the existing and future well production and improve the overall well pumping efficiency of active wells.

Schedule

Start :	06/01/2020	Complete :	06/30/2025	Project Status :	Construction
Estimated Project Cost (\$)	600,000	Funding Source		%	
Capitalized Labor	50,500	Pay-as-you-go		100	
Construction	549,500				
Other	0				
Planning/Design	0				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	200,000	400,000	0	0	0	0

Other Financial Impact	Drilling and equipping a replacement well after a failure currently costs over \$1 million and takes approximately two years before it is in operation. Maintenance and rehabilitation of the existing well assets will extend the service life and reduce the number of new wells that will need to be built.					
Operational Impact	This project will improve the reliability of the well pumping plants and will minimize well production downtime.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

IXTP 7991 Replacement Project
Project Number: IE2001

Project Description

This project includes the design and construction of a new treatment plant that utilizes single-pass adsorption technology to treat the water from Well 7991. The existing ion exchange treatment plant is out of service since it has reached the end of its useful life. The treated water will serve customers in the communities of Mecca, North Shore, and Bombay Beach.



Project Objectives

The objective of this project is to replace the existing treatment process that is currently out of service with a robust media adsorption arsenic treatment process to provide a more reliable water supply to customers in Mecca and North Shore.

Schedule

Start :	07/01/2019	Complete :	06/30/2026	Project Status :	Construction
Estimated Project Cost (\$)		12,105,945	Funding Source		%
Capitalized Labor		637,350	WSBFC		29
Construction		11,003,595	ARPA Funding		71
Other		40,000			
Planning/Design		425,000			

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
804,300	2,700,000	8,100,000	501,645	0	0	0

Other Financial Impact	The current system is at capacity. As a result, the expansion of housing and commercial activity within Mecca and Area 23 is limited (no new water meters are currently being approved).					
Operational Impact	Without IXTP 7991, the water supply has a single point of failure. This facility will provide a reliable source of water to the Mecca and North Shore area.					
Discretionary	<input type="checkbox"/>		Non - Discretionary		<input checked="" type="checkbox"/>	



CVWD employee collects a domestic water sample.

CANAL WATER



CANAL WATER PROJECTS

Planned Canal Water Fund projects for fiscal year 2025 amount to approximately \$16.1 million. Project funding is provided by \$2.5 million in Pay-Go funds and over \$13.6 million in debt financing.

Capital Improvement Budget – Canal Water

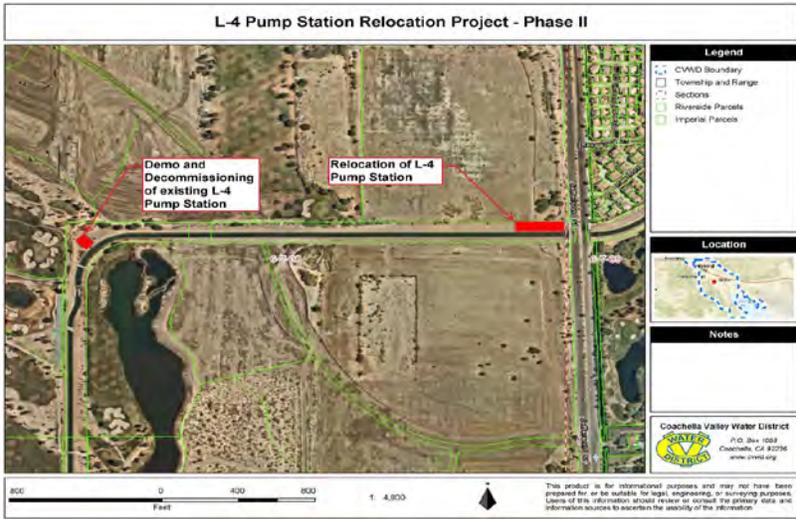
Project Name	Budget FY 2025	Planned				Total 5-Year
		FY 2026	FY 2027	FY 2028	FY 2029	
Districtwide Project Allocation	\$1,974,375	\$1,092,250	\$1,289,375	\$1,066,250	\$620,000	\$6,042,250
Subtotal Districtwide Project Allocation	\$1,974,375	\$1,092,250	\$1,289,375	\$1,066,250	\$620,000	\$6,042,250
Canal						
L-4 Pump Station Relocation - Phase 2	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Subtotal Canal	\$500,000	\$0	\$0	\$0	\$0	\$500,000
Drainage						
Avenue 62 Drain Pipeline Replacement	\$0	\$0	\$50,000	\$2,984,000	\$3,819,000	\$6,853,000
Subtotal Drainage	\$0	\$0	\$50,000	\$2,984,000	\$3,819,000	\$6,853,000
Irrigation						
Irrigation Lateral 101.3 Replacement	\$5,983,000	\$0	\$0	\$0	\$0	\$5,983,000
Irrigation Lateral 102.3 Replacement	-	-	-	60,000	3,000,000	3,060,000
Irrigation Lateral 119.64-4.6 Replacement - Phase 1	-	-	200,000	2,500,000	2,600,000	5,300,000
Irrigation Lateral 119.64-4.6 Replacement - Phase 2	-	-	-	-	300,000	300,000
Irrigation Lateral 119.64-7.5 Replacement - Phase 2	2,883,000	-	-	-	-	2,883,000
Irrigation Lateral 123.45-1.3 Division Box Replacement	-	150,000	3,561,000	-	-	3,711,000
Irrigation Lateral 123.45-1.3-2.2 Division Box Replacement	2,500,000	-	-	-	-	2,500,000
Irrigation Lateral 123.45-1.3-2.2 Replacement - Phase 2	1,750,000	-	-	-	-	1,750,000
Irrigation Lateral 123.45-1.3-2.8 Division Box Replacement	100,000	2,714,500	-	-	-	2,814,500
Irrigation Lateral 123.45-1.3-2.8 Replacement	80,000	3,902,000	3,902,000	-	-	7,884,000
Irrigation Lateral 123.45-1.3-3.2 RT Replacement	-	-	60,000	2,300,000	2,300,000	4,660,000
Irrigation Lateral 99.8-0.51-3.0 Replacement	290,000	4,400,000	4,400,000	-	-	9,090,000
Subtotal Irrigation	\$13,586,000	\$11,166,500	\$12,123,000	\$4,860,000	\$8,200,000	\$49,935,500
Total Canal	\$16,060,375	\$12,258,750	\$13,462,375	\$8,910,250	\$12,639,000	\$63,330,750

L-4 Pump Station Relocation Project - Phase 2

Project Number: C02101

Project Description

This project includes relocating and replacing the L-4 Pump Station, which will improve operational efficiency, add capacity for future customers, and improve accessibility for O&M. It is currently under construction.



Project Objectives

The objective of this project is to replace the failing L-4 Pump Station on the Coachella Canal. The new pump station will supply canal water to approximately seven La Quinta area golf courses and recreational parks, provide a substitute source for domestic water irrigation, and reduce pumping demands on the aquifer.

Schedule

Start :	07/01/2020	Complete :	12/31/2024	Project Status :	Construction
Estimated Project Cost (\$)	7,043,300			Funding Source	%
Capitalized Labor	216,020			Pay-as-you-go	100
Construction	6,253,583				
Other	10,000				
Planning/Design	563,697				

Cost Projections (\$)

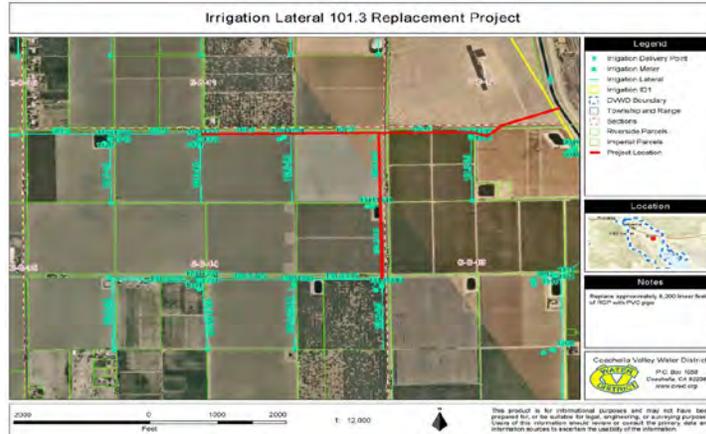
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
5,943,300	600,000	500,000	0	0	0	0

Other Financial Impact	None.					
Operational Impact	The replacement of the L-4 Pump Station will improve operational efficiency, add capacity for future customers, and improve accessibility for O&M.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Irrigation Lateral 101.3 Replacement Project
Project Number: IR2105

Project Description

This project includes replacing approximately 8,200 linear feet of concrete pipe with polyvinyl chloride (PVC) pipe and replacing eight metered delivery points with in-line meters, isolation valves, and one master meter.



Project Objectives

The objective of this project is to replace infrastructure designated as extreme or high risk in accordance with the Irrigation Master Plan. The project will improve customer service and replace aging concrete pipelines while minimizing water loss through leakage. Irrigation Lateral 101.3 is an old, large-diameter concrete irrigation pipeline delivering water from the Coachella Canal to customers. The mile-long pipeline is part of a gravity-fed system interspersed with above-ground baffle stands roughly every quarter mile where the customers' sub-laterals connect. The aging gravity system is leaking water from the pipeline joints, and the pipeline has experienced numerous leaks that impact the delivery of canal water to customers. The improvements will result in increased operational efficiency, water conservation, and improved customer service.

Schedule

Start : 06/01/2021 Complete : 06/30/2025 Project Status : Design

Estimated Project Cost (\$)	6,166,000	Funding Source	%
Capitalized Labor	228,560	USBR Loan	100
Construction	5,847,440		
Other	30,000		
Planning/Design	60,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
123,000	60,000	5,983,000	0	0	0	0

Other Financial Impact	Reduce O&M costs.					
Operational Impact	Reduce and prevent maintenance repairs.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Irrigation Lateral 119.64-7.5 Replacement Project - Phase 2

Project Number: IR2301

Project Description

This project includes replacing approximately 9,000 linear feet of concrete pipe with polyvinyl chloride pipe (PVC), removing the existing baffle stand, meter and meter vault installation, telemetry and SCADA installation, street improvements, and a jack and boring operation.



Project Objectives

The objective of this project is to improve customer service and replace aging concrete pipelines while minimizing water loss through leakage. Irrigation Lateral 119.64.75 is an old, large-diameter concrete irrigation pipeline that delivers water from the Coachella Canal to customers. The approximately 2-mile-long pipeline is part of a gravity-fed system interspersed with an above-ground baffle that stands roughly every quarter mile where the customers' sublaterals connect. The aging gravity system is leaking water from the pipeline joints, surging water out of the baffle stands, and spilling excess water, impacting the delivery of canal water to customers. These improvements will result in increased operational efficiency, water conservation, and improved customer service. The irrigation lateral is located south of Avenue 58 between Oasis and Harrison Streets.

Schedule

Start : 07/01/2019 Complete : 06/30/2025 Project Status : Construction

Estimated Project Cost (\$)	4,927,600	Funding Source	%
Capitalized Labor	264,840	USBR Loan	100
Construction	4,572,760		
Other	10,000		
Planning/Design	80,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
44,600	2,000,000	2,883,000	0	0	0	0

Other Financial Impact	None.
Operational Impact	The replacement aims to reduce leakage, minimize mainline shutdowns, and improve customer service and reliability.
Discretionary	<input type="checkbox"/> Non - Discretionary <input checked="" type="checkbox"/>

Irrigation Lateral 123.45-1.3-2.2 Division Box Replacement Project
 Project Number: IR1901

Project Description

This project includes replacing the concrete division box that divides the flow between the transmission mainline and lateral pipelines. The Irrigation Lateral 123.45-1.3-2.2 Division Box is in a state of disrepair and structurally failing. The existing division box is over 65 years old, leaking, and has had numerous repairs. The replacement division box and a bypass system will be constructed without shutting down canal water service. The site will incorporate new SCADA equipment and flow metering for additional flow data and monitoring. The project also involves acquiring additional easements.



Project Objectives

The objective of this project is to provide reliable canal water customer service into the future by replacing aged distribution system infrastructure that suffers from leaks and is in an overall state of disrepair. Additionally, it is to provide enhanced monitoring and remote operating capabilities. Lastly, it is to establish a structural design standard for future division box replacements, as this is the first replacement of its kind.

Schedule

Start : 06/03/2019 Complete : 06/30/2025 Project Status : Construction

Estimated Project Cost (\$)		Funding Source	%
Capitalized Labor	5,295,100	USBR Loan	100
Construction	80,000		
Other	4,898,400		
Planning/Design	75,000		
	241,700		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
318,600	2,476,500	2,500,000	0	0	0	0

Other Financial Impact	Reduce O&M costs.
Operational Impact	Replacing the structure will improve CVWD's ability to maximize water delivery and improve customer service.
Discretionary	<input type="checkbox"/> Discretionary <input checked="" type="checkbox"/> Non – Discretionary

Irrigation Lateral 123.45-1.3-2.2 Replacement Project - Phase 2
 Project Number: IR2005

Project Description

This project includes replacing approximately 2,500 linear feet of 24-inch concrete pipe with polyvinyl chloride (PVC) pipe and removing the existing baffle stand, which will increase operational efficiency, water conservation, and customer service.



Project Objectives

The objective of this project is to improve customer service and replace aging concrete pipelines while minimizing water loss through leakage. Irrigation Lateral 123.45-1.3-2.2 - Phase II is an old, large-diameter concrete irrigation pipeline delivering water from the Coachella Canal to customers. The 1/2-mile-long pipeline is part of a gravity-fed system interspersed with above-ground baffle stands roughly every quarter mile where the customers' sub-laterals connect. The aging gravity system is leaking water from the pipeline joints, and the pipeline has experienced numerous leaks, which impact the delivery of canal water to customers.

Schedule

Start :	07/31/2019	Complete :	06/30/2025	Project Status :	Construction
Estimated Project Cost (\$)	3,425,800	Funding Source	USB Loan	%	100
Capitalized Labor	133,360				
Construction	3,173,688				
Other	6,952				
Planning/Design	111,800				

Cost Projections (\$)

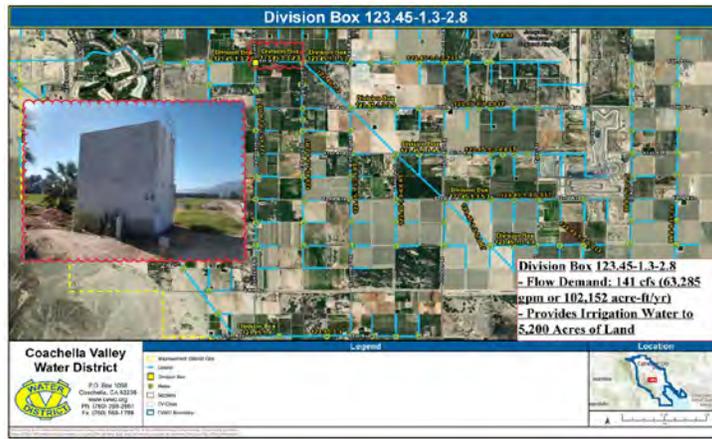
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
104,000	1,571,800	1,750,000	0	0	0	0

Other Financial Impact	Reduce O&M costs.
Operational Impact	The replacement aims to reduce leakage significantly, minimize mainline shutdowns, and improve customer service and reliability.
Discretionary	<input type="checkbox"/> Discretionary <input checked="" type="checkbox"/> Non - Discretionary

Irrigation Lateral 123.45-1.3-2.8 Division Box Replacement Project
 Project Number: IR2002

Project Description

This project includes replacing the concrete division boxes that divide the flow between the transmission mainline and lateral pipelines. The Irrigation Lateral 123.45-1.3-2.8 Division Box is in a state of disrepair and structurally failing. The existing division box is over 65 years old, leaking, and has had numerous repairs. A replacement box and a bypass system will be constructed without shutting down canal water service. The site will incorporate new SCADA equipment and flow metering for additional flow data and monitoring. The project also involves acquiring additional easements.



Project Objectives

The objective of this project is to provide reliable canal water customer service into the future by replacing aged distribution system infrastructure that suffers from leaks and is in an overall state of disrepair. Additionally, it is to provide enhanced monitoring and remote operating capabilities. Lastly, it is to establish a structural design standard for future division box replacements, as this is the first replacement of its kind.

Schedule

Start :	01/01/2020	Complete :	06/30/2026	Project Status :	Design
Estimated Project Cost (\$)	3,101,900	Funding Source	USBR Loan	%	100
Capitalized Labor	159,090				
Construction	2,667,810				
Other	75,000				
Planning/Design	200,000				

Cost Projections (\$)

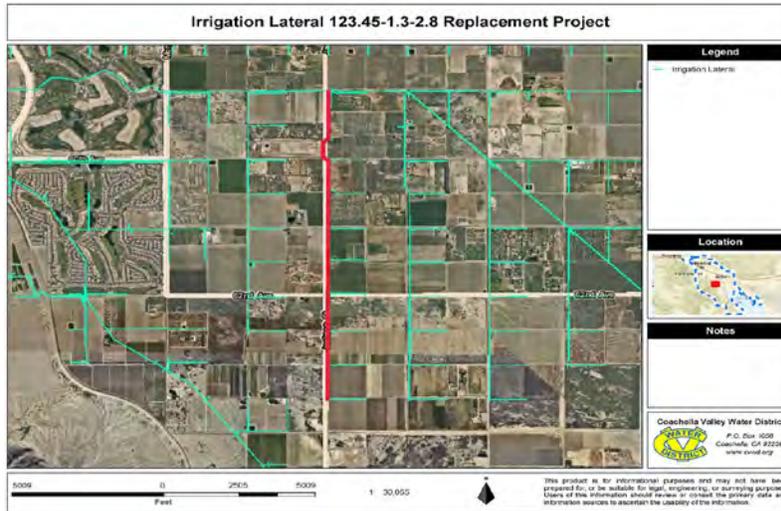
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
198,400	89,000	100,000	2,714,500	0	0	0

Other Financial Impact	Reduce O&M costs.
Operational Impact	The replacement of the structure will improve CVWD's ability to maximize water delivery and improve customer service.
Discretionary	<input type="checkbox"/> Non - Discretionary <input checked="" type="checkbox"/>

Irrigation Lateral 123.45-1.3-2.8 Replacement Project
Project Number: IR2103

Project Description

This project includes replacing approximately 7,010 linear feet of concrete pipe with polyvinyl chloride pipe (PVC). The project is located east of Jackson Street between Avenue 59 and Avenue 62. The pipeline has experienced numerous leaks throughout, which have impacted canal water delivery.



Project Objectives

The objective of this project is to replace infrastructure designated as extreme or high risk in accordance with the Irrigation Master Plan. The project will improve customer service and replace aging concrete pipelines while minimizing water loss through leakage. Irrigation Lateral 123.45-1.3-2.8 is an old, large-diameter concrete irrigation pipeline delivering water from the Coachella Canal to customers. The mile-long pipeline is part of a gravity-fed system interspersed with above-ground baffle stands, roughly every quarter mile, where the customers' sub-laterals connect. The aging gravity system is leaking water from the pipeline joints, and the pipeline has experienced numerous leaks that impact the delivery of canal water to customers. The improvements will result in increased operational efficiency, water conservation, and improved customer service.

Schedule

Start :	06/01/2021	Complete :	06/30/2027	Project Status :	Design
Estimated Project Cost (\$)	8,155,600	Funding Source	%		
Capitalized Labor	226,750	USBR Loan	100		
Construction	7,833,850				
Other	35,000				
Planning/Design	60,000				

Cost Projections (\$)

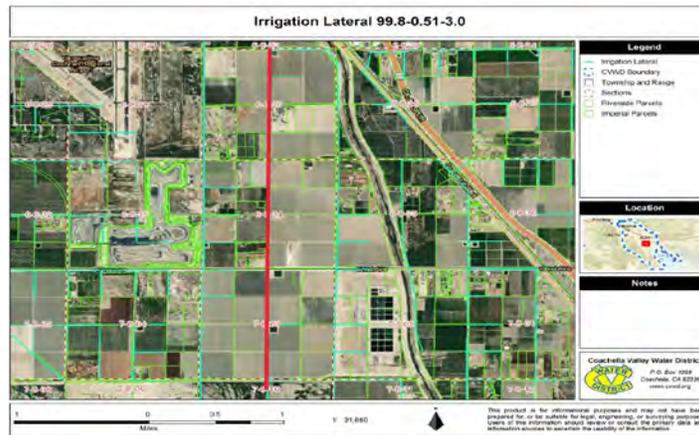
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
211,600	60,000	80,000	3,902,000	3,902,000	0	0

Other Financial Impact	Reduce O&M costs.					
Operational Impact	Reduce and prevent maintenance repairs.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Irrigation Lateral 99.8-0.51-3.0 Replacement Project
 Project Number: IR2501

Project Description

This project includes replacing approximately 18,500 linear feet of concrete pipe with polyvinyl chloride (PVC) pipe and removing the existing baffle stand, meter and meter vault installation, regulatory upgrades, and street improvements.



Project Objectives

The objective of this project is to replace infrastructure designated as extreme or high risk in accordance with the Irrigation Master Plan.

Schedule

Start :	07/31/2024	Complete :	06/30/2027	Project Status :	Planning/Design
Estimated Project Cost (\$)	9,090,000			Funding Source	%
Capitalized Labor	264,840			USBR Loan	100
Construction	8,505,160				
Other	30,000				
Planning/Design	290,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	290,000	4,400,000	4,400,000	0	0

Other Financial Impact	None.					
Operational Impact	The replacement aims to reduce leakage, minimize mainline shutdowns, and improve customer service and reliability.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

SANITATION



SANITATION PROJECTS

Planned Sanitation Fund projects for fiscal year 2025 amount to over \$44.2 million. Funding includes approximately \$15.1 million in Pay-Go funds, \$12.7 million in debt, \$8.7 million in grants, and \$7.7 million in restricted funds.

Capital Improvement Budget – Sanitation

Project Name	Budget FY 2025	Planned				Total 5-Year
		FY 2026	FY 2027	FY 2028	FY 2029	
Districtwide Project Allocation	\$1,346,125	\$684,750	\$764,625	\$630,750	\$363,000	\$3,789,250
Subtotal Districtwide Project Allocation	\$1,346,125	\$684,750	\$764,625	\$630,750	\$363,000	\$3,789,250
WRP Treatment						
WRP 4 Improvements Non Potable Water Upgrades, Project Specific CEQA - Phase I	\$300,000	\$600,000	\$1,700,000	\$3,250,000	\$3,400,000	\$9,250,000
WRP 7 Aeration Improvements	1,949,160	9,011,600	14,820,000	-	-	25,780,760
WRP 7 - Phase 1 Recycled Water Expansion	2,830,000	13,600,000	9,740,000	5,640,000	-	31,810,000
WRP 7 and WRP 10 Analyze Groundwater Replenishment Recycled Water Reuse Project (GRRP)	150,000	250,000	-	-	-	400,000
WRP 10 Process Optimization	-	25,000	25,000	25,000	25,000	100,000
WRP 10 Solids Handling Upgrades (convert aerobic digesters to holding tank, Rotomix mixing odor control)	-	-	-	-	200,000	200,000
WRP 10 Headwork's Improvements (Storage and Controls)	1,701,440	10,730,160	15,882,240	9,794,600	-	38,108,440
WRP 10 M1 Twin Backup Generators and Automatic Transfer Switch	-	-	-	175,000	3,294,620	3,469,620
WRP 10 T1 Filter Assessment and Repair	1,831,080	11,431,800	1,438,400	-	-	14,701,280
Subtotal WRP Treatment	\$8,761,680	\$45,648,560	\$43,605,640	\$18,884,600	\$6,919,620	\$123,820,100

Capital Improvement Budget – Sanitation (continued)

Project Name	Budget FY 2025	Planned				Total 5-Year
		FY 2026	FY 2027	FY 2028	FY 2029	
Collection						
Avenue 66 Trunk Sewer	\$250,000	\$3,500,000	\$6,650,000	\$0	\$0	\$10,400,000
Burr Street Force Main	-	-	-	-	5,250,000	5,250,000
Lift Station 55-10 (Citrus) Abandonment	-	-	-	220,000	1,874,641	2,094,641
Lift Station 55-11 Capacity Upgrade (Mecca)	6,802,524	-	-	-	-	6,802,524
Lift Station 55-12 Electrical and Site Upgrade - Home Depot	-	-	-	128,000	902,814	1,030,814
Lift Station 80-03 Upgrade - Cook Street	230,920	4,670,480	1,903,980	-	-	6,805,380
Lift Station 80-07 - Perimeter Wall (Paxton)	-	-	-	-	536,123	536,123
Lift Station 80-13 Upgrade - Grand Champion	-	-	-	11,200	1,034,657	1,045,857
Lift Station 80-16 Upgrade - Bob Hope Drive	-	-	-	64,000	831,499	895,499
Lift Station 81-07 and Lift Station 55-12 Odor Control Upgrades	1,150,000	-	-	-	-	1,150,000
Pierce Street Trunk Sewer	50,000	25,000	25,000	1,500,000	3,500,000	5,100,000
Sewer Manhole Rehabilitation	-	-	-	-	1,500,000	1,500,000
Sewer Manhole Rehabilitation Project - Palm Desert and Rancho Mirage	626,480	-	-	-	-	626,480
Sewer Pipeline Rehabilitation	-	-	-	-	1,500,000	1,500,000
Sewer Pipeline Relocation - Bob Hope Drive	-	-	-	96,000	36,715	132,715
Valley View Trunk Sewer	250,000	250,000	5,500,000	4,500,000	-	10,500,000
Subtotal Collection	\$9,359,924	\$8,445,480	\$14,078,980	\$6,519,200	\$16,966,449	\$55,370,033
WRP 7 NPW Connections						
Shadow Hills High School	\$40,000	\$60,000	\$280,000	\$280,000	\$0	\$660,000
Shadow Hills North Golf Course	70,000	300,000	2,150,000	2,050,000	-	4,570,000
Talavera	40,000	60,000	280,000	280,000	-	660,000
Young's Farmland & Garden Fellowship	700,000	310,000	-	-	-	1,010,000
Subtotal WRP 7 NPW Connections	\$850,000	\$730,000	\$2,710,000	\$2,610,000	\$0	\$6,900,000

Capital Improvement Budget – Sanitation (continued)

Project Name	Budget FY 2025	Planned				Total 5-Year
		FY 2026	FY 2027	FY 2028	FY 2029	
WRP 10 NPW High-Pressure System Connections						
Annenberg (aka Sunnylands) Golf Club	\$890,000	\$880,000	\$0	\$0	\$0	\$1,770,000
Blended Water System Pump Stations (including in-line system storage)	-	-	-	-	100,000	100,000
Cotino Development NPW	50,000	350,000	-	-	-	400,000
Desert Island Country Club (aka The S)	145,000	125,000	580,000	550,000	-	1,400,000
Emerald Desert Country Club	630,000	510,000	-	-	-	1,140,000
Forest Lawn	-	-	-	-	100,000	100,000
Fiscal Year 2021 NPW Offsite Pipelines Project	6,967,680	-	-	-	-	6,967,680
Indian Wells Tennis Garden	10,000	10,000	10,000	50,000	300,000	380,000
Jack Ivey Ranch	1,370,000	180,000	-	-	-	1,550,000
Marriott Desert Springs North Course	10,000	10,000	10,000	10,000	100,000	140,000
Marriott Shadow Ridge	5,450,000	1,440,000	-	-	-	6,890,000
Mission Hills Country Club	-	-	-	-	100,000	100,000
Outdoor Resort RV Park	-	-	-	-	100,000	100,000
Palm Royale Country Club	810,000	100,000	-	-	-	910,000
Rancho Mirage Country Club	10,000	10,000	10,000	50,000	300,000	380,000
Southwest Community Church/ Gerald Ford School	1,650,000	120,000	-	-	-	1,770,000
Springs Country Club	140,000	190,000	825,000	790,000	-	1,945,000
Suncrest Country Club	570,000	250,000	-	-	-	820,000
T1 Pump Station Replacement	500,000	-	-	-	-	500,000
Tamarisk Country Club	850,000	370,000	-	-	-	1,220,000
Tri-Palms Country Club	90,000	650,000	-	-	-	740,000
Westin Mission Hills Country Club	-	-	-	-	100,000	100,000
WRP 10 Low Pressure Capacity Expansion	3,000,000	4,760,000	5,250,000	5,070,000	-	18,080,000
Existing Low Pressure NPW Customer Connections Improvements	750,000	500,000	-	-	-	1,250,000
Subtotal WRP 10 NPW High-Pressure System Connections	\$23,892,680	\$10,455,000	\$6,685,000	\$6,520,000	\$1,200,000	\$48,752,680
Total Sanitation	\$44,210,409	\$65,963,790	\$67,844,245	\$35,164,550	\$25,449,069	\$238,632,063

WRP 4 - Phase I Improvements: Nonpotable Water Upgrades, Project Specific CEQA
 Project Number: WR4016

Project Description

This project includes designing and building a new recycled water treatment system at WRP 4. It also includes filters, ultraviolet disinfection, an effluent pump station, storage ponds, an electrical building, site improvements, and nonpotable water (NPW) distribution piping.



Project Objectives

The objective of this project is to supply East Valley demand with nonpotable water from WRP 4 to support the groundwater substitution program, an element of implementing the Alternative Plan Update to satisfy CVWD's Groundwater Sustainability Agency obligations. In addition, the project will mitigate costs associated with potential advanced treatment of discharges to the Coachella Valley Stormwater Channel.

Schedule

Start :	07/01/2019	Complete :	06/28/2030	Project Status :	Design
Estimated Project Cost (\$)	22,112,100	Funding Source	%		
Capitalized Labor	682,376	Pay-as-you-go	60		
Construction	19,128,424	SCC Treatment	40		
Other	55,300				
Planning/Design	2,246,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
1,562,100	300,000	300,000	600,000	1,700,000	3,250,000	3,400,000

Other Financial Impact	Potential to mitigate costs associated with potential advanced treatment facilities for discharges to the Coachella Valley Stormwater Channel.
Operational Impact	Increased operational costs, including labor, chemicals, and electricity.
Discretionary	<input checked="" type="checkbox"/> Non - Discretionary <input type="checkbox"/>

WRP 7 - Aeration Improvements
Project Number: WR7020

Project Description

This project includes designing and building new blowers at WRP 7 and replacing RAS/WAS pumps, electrical equipment, and instrumentation control equipment. It will maximize treatment capacity, improve process efficiency, increase redundancy, and provide additional capacity for growth. WRP 7's aeration system has reached capacity and is nearing the end of its useful life.



Project Objectives

This project's objectives are to improve the reliability of the treatment process, increase the efficiency and reliability of the aeration system (blowers), increase operational flexibility, and prepare for possible regulatory changes at WRP 7.

Schedule

Start : 11/18/2019 Complete : 06/14/2027 Project Status : Design

Estimated Project Cost (\$)		Funding Source	%
Capitalized Labor	27,627,500	Pay-as-you-go	50
Construction	1,062,690	SCC Treatment	50
Other	25,000,000		
Planning/Design	0		
	1,564,810		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
1,354,400	492,340	1,949,160	9,011,600	14,820,000	0	0

Other Financial Impact	Additional labor and electricity costs to operate and maintain the equipment.					
Operational Impact	The implementation of the new process, equipment, and upgrades will allow CVWD to reliably treat projected influent flows and will allow process flexibility to prepare WRP 7 for potentially stricter discharge limits, including nutrient removal.					
Discretionary	<input checked="" type="checkbox"/>			Non - Discretionary		<input type="checkbox"/>

WRP 7 Recycled Water Expansion - Phase 1

Project Number: WR7022

Project Description

The project includes expanding the tertiary system (recycled water) at WRP 7. It will increase the tertiary capacity by 2.5 million gallons per day (MGD) for a total capacity of 5.0 MGD, add a 5 million-gallon tertiary water storage bladder, repurpose a land disposal pond to accept secondary effluent for retreatment and upgrade the capacity of the milepost (MP) 113.2 canal water pump station.



Project Objectives

The objective of this project is to increase use of recycled water in the WRP 7 service area to meet water management goals for source substitution, reduce land disposal of secondary effluent, improve plant process performance by reducing fluctuations in daily flow by capturing secondary effluent and reintroducing it to the plant process, and upgrade the MP 113.2 canal water pump station to improve delivery of canal water to WRP 7.

Schedule

Start : 07/01/2020 Complete : 06/28/2030 Project Status : Construction

Estimated Project Cost (\$)		33,564,300	Funding Source		%
Capitalized Labor	917,120		Pay-as-you-go	5	
Construction	28,597,180		Grant	15	
Other	50,000		State Revolving Loan	80	
Planning/Design	4,000,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
1,654,300	100,000	2,830,000	13,600,000	9,740,000	5,640,000	0

Other Financial Impact	Increase in chemical, energy, and labor costs.					
Operational Impact	Improved performance at WRP 7.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Analyze Groundwater Replenishment Recycled Water Reuse Project (GRRP)
Project Number: WR7023

Project Description

This project will evaluate the use of recycled water/canal water replenishment at WRP 7 and WRP 10 and define the costs, permitting, and implementation strategy.



Project Objectives

The objective of this project is to evaluate the feasibility of implementing groundwater reuse and recharge in lieu of expanding CVWD's nonpotable (NPW) system.

Schedule

Start :	01/09/2023	Complete :	06/28/2024	Project Status :	Planning
Estimated Project Cost (\$)		650,000	Funding Source		%
Capitalized Labor		82,000	Pay-as-you-go		100
Construction		0			
Other		68,000			
Planning/Design		500,000			

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	250,000	150,000	250,000	0	0	0

Other Financial Impact: Successful implementation of groundwater replenishment will maximize use of canal water and result in cost savings compared with expansion of the NPW system.

Operational Impact: Additional \$50,000 per year O&M of pumps and ponds for groundwater replenishment.

Discretionary: Non - Discretionary:

WRP 10 Headworks Improvements (Storage and Controls)

Project Number: WR1042

Project Description

This project includes upgrading the Headworks Facility at WRP 10. It will design and construct preliminary treatment systems, which include site work, influent pumps, a vortex grit chamber, an influent equalization basin, and odor control. The project will maximize treatment capacity and process performance while increasing redundancy/reliability.



Project Objectives

The project's objectives are to increase capacity at the WRP 10 Headworks Facility, improve process control, improve the reliability of the treatment process, and improve the plant's ability to treat sewage.

Schedule

Start : 07/01/2020 Complete : 06/30/2028 Project Status : Design

Estimated Project Cost (\$)		Funding Source	%
Capitalized Labor	1,664,008	Pay-as-you-go	50
Construction	35,300,000	SCC Treatment	50
Other	0		
Planning/Design	2,369,832		

Cost Projections (\$)

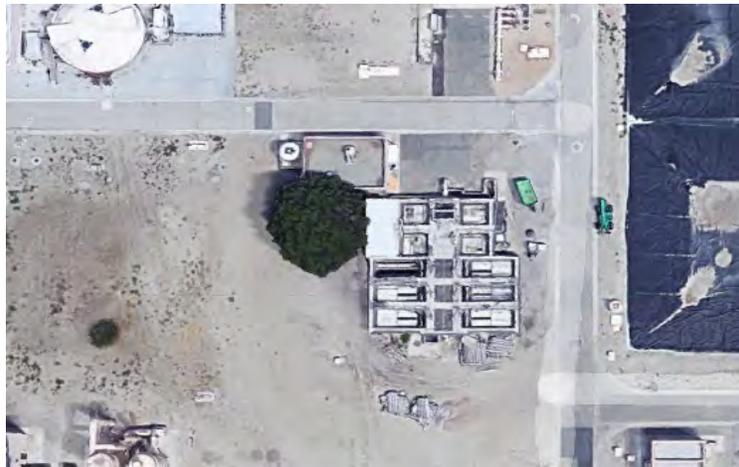
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
325,400	900,000	1,701,440	10,730,160	15,882,240	9,794,600	0

Other Financial Impact	Financial impact is expected to improve through more efficient treatment that will allow for reduced energy costs.					
Operational Impact	Operational impact will be improved through less pump maintenance and failures and improved process performance.					
Discretionary	<input checked="" type="checkbox"/>		Non - Discretionary		<input type="checkbox"/>	

WRP 10 T1 Filter Assessment and Repair
Project Number: WR1043

Project Description

This project will design, construct, and replace the tertiary multimedia filters with cloth disk filters that serve the T1 (nonpotable water) Pump Station at WRP 10. The project includes replacing backwash pumps and automated valves and chemical dosing to optimize operation and energy consumption.



Project Objectives

The objective of this project is to replace aging multimedia filters with cloth disk filters that are more energy efficient, increase operational reliability, and increase filtration capacity from 10 million gallons per day (MGD) to 15 MGD.

Schedule

Start : 01/26/2021 Complete : 06/16/2027 Project Status : Design

Estimated Project Cost (\$)	15,715,180	Funding Source	%
Capitalized Labor	545,320	Pay-as-you-go	100
Construction	13,830,000		
Other	0		
Planning/Design	1,339,860		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
793,900	220,000	1,831,080	11,431,800	1,438,400	0	0

Other Financial Impact	This project will reduce O&M costs due to the high frequency of failure of the existing multimedia filters and the difficulty of obtaining repair parts. The replacement with cloth disk filters will add energy-efficient controls for backwash pumps, reducing energy consumption.					
Operational Impact	This project is required to ensure WRP 10 has adequate tertiary treatment capacity to process high-season plant influent flows to meet permit requirements.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Avenue 66 Trunk Sewer
Project Number: SA2003

Project Description

This project includes constructing a new sewer pipeline along Avenue 66 from Polk Street to Harrison Street and along Harrison Street from Echols Road to Avenue 66. The project will utilize grant funding for the septic-to-sewer conversion and expand CVWD's sanitation service area. New sewer service is also planned along Martinez Road.



Project Objectives

The objective of this project is to use 100% grant funding for septic-to-sewer conversions within a disadvantaged community.

Schedule

Start : 07/01/2019 Complete : 06/30/2027 Project Status : Planning

Estimated Project Cost (\$)		Funding Source	%
Capitalized Labor	343,400	Grant	100
Construction	9,597,460		
Other	6,440		
Planning/Design	550,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
47,300	50,000	250,000	3,500,000	6,650,000	0	0

Other Financial Impact	The project will provide reliable centralized sewer service to the disadvantaged community and expand CVWD's sewer service through grant funding.					
Operational Impact	\$10,000 per year for additional O&M costs for the maintenance of the pipeline and pump station.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Lift Station 55-11 Capacity Upgrade (Mecca)
Project Number: LS2202

Project Description

The project will upgrade the lift station to increase storage/pumping capacities and to provide for new piping and appurtenances, odor control, site improvements including paving, a new perimeter fence wall on Hammond Road and Avenue 66, energy-efficient site lighting, and a new diesel-powered generator with a 24-hour fuel tank capacity. In addition, the project will include new electrical and control equipment, including a switchboard, motor control center, automatic transfer switch, and programmable logic controller, located within a new building.



Project Objectives

The objective of this project is to increase lift station capacity and provide redundancy.

Schedule

Start :	05/01/2022	Complete :	06/30/2025	Project Status :	Construction
Estimated Project Cost (\$)	10,406,538	Funding Source	%		
Capitalized Labor	1,050,657	SCC Collection	57		
Construction	8,256,900	ARPA	43		
Other	415,000				
Planning/Design	683,981				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
841,223	2,347,791	6,802,524	0	0	0	0

Other Financial Impact	Additional electrical energy costs; additional time to operate and maintain the new equipment on an annual basis.					
Operational Impact	The project will maximize collection capacity and increase redundancy/reliability. The improvements will eliminate the potential for Sanitary System Overflows, which may result in Clean Water Act fines of up to \$25,000 per day.					
Discretionary	<input checked="" type="checkbox"/>		Non - Discretionary		<input type="checkbox"/>	

Lift Station 80-03 Upgrade (Cook Street)

Project Number: LS2101

Project Description

This project includes upgrading Lift Station 80-03 in Palm Desert by installing a new 12-foot diameter wet well, pumps, piping, electrical cabinets, generator, controls, perimeter block wall, and other site features. The lift station improvements will accommodate the city's growth per the Sewer Collection System Master Plan.



Project Objectives

The objective of this project is to increase lift station capacity and provide redundancy.

Schedule

Start :	07/01/2020	Complete :	06/30/2027	Project Status :	Planning
Estimated Project Cost (\$)	7,272,500			Funding Source	%
Capitalized Labor	470,240			SCC Collection	50
Construction	5,940,000			Pay-as-you-go	50
Other	114,999				
Planning/Design	747,261				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
163,400	303,720	230,920	4,670,480	1,903,980	0	0

Other Financial Impact	Additional electrical energy costs; additional time to operate and maintain the new equipment on an annual basis.					
Operational Impact	The project will maximize collection capacity and increase redundancy/reliability. The improvements will eliminate the potential for Sanitary System Overflows, which may result in Clean Water Act fines of up to \$25,000 per day.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Lift Station 81-07 and Lift Station 55-12 Odor Control Upgrades
Project Number: LS2301

Project Description

The purpose of this Lift Station 55-12 and Lift Station 81-07 Upgrade Project is to reline Lift Station 81-07 interior wet well and replace the chemical odor scrubbers at both lift stations with dry media and odor bed scrubbers with synthetic engineered rock.



Project Objectives

The objective of this project is to upgrade lift station odor control capability and provide redundancy.

Schedule

Start :	03/01/2023	Complete :	12/31/2025	Project Status :	Planning
Estimated Project Cost (\$)	1,792,138	Funding Source	%		
Capitalized Labor	248,440	SCC Collection	50		
Construction	1,224,000	Pay-as-you-go	50		
Other	61,200				
Planning/Design	258,498				

Cost Projections (\$)

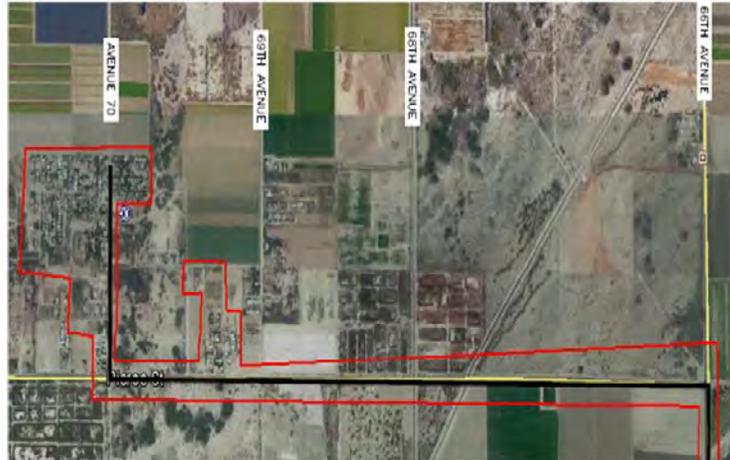
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
119,683	125,495	1,150,000	0	0	0	0

Other Financial Impact	Additional electrical energy costs; additional time to operate and maintain the new equipment on an annual basis.					
Operational Impact	The project will maximize collection capacity and increase redundancy/reliability. The improvements will eliminate the potential for Sanitary System Odor to disperse.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Pierce Street Trunk Sewer
Project Number: SA2002

Project Description

This project includes preliminary engineering for a new sewer pipeline along Pierce Street between Avenue 66 and Avenue 70. It is a septic-to-sewer conversion project using grant funding to expand CVWD's service area.



Project Objectives

The objective of this project is to use 100% grant funding for septic-to-sewer conversion within the disadvantaged community (DAC). The project will result in significant cost savings for the community's sanitation services.

Schedule

Start : 01/01/2020 Complete : 06/30/2029 Project Status : Planning

Estimated Project Cost (\$)	5,125,000	Funding Source	%
Capitalized Labor	179,880	Grant	100
Construction	4,713,240		
Other	1,880		
Planning/Design	230,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	25,000	50,000	25,000	25,000	1,500,000	3,500,000

Other Financial Impact: The project will provide reliable centralized sewer service to the DAC and expand CVWD's sewer service through grant funding.

Operational Impact: \$10,000 additional O&M cost for the maintenance of pipeline and pump station.

Discretionary Non - Discretionary

Sewer Manhole Rehabilitation Project - Palm Desert and Rancho Mirage
 Project Number: SA2301

Project Description

This project includes replacing 18 deteriorating sewer manholes within the cities of Palm Desert and Rancho Mirage. The manholes require removal and replacement due to their deterioration.



Project Objectives

This project's objective is to increase CVWD's sanitation collection system service reliability in Palm Desert and Rancho Mirage. By replacing these manholes, we aim to reduce the potential for sanitary system overflows (SSOs) and possible regulatory fines.

Schedule

Start :	07/01/2022	Complete :	06/23/2025	Project Status :	Construction
Estimated Project Cost (\$)	653,480	Funding Source	%		
Capitalized Labor	35,935	Pay-as-you-go	100		
Construction	541,714				
Other	23,281				
Planning/Design	52,550				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	27,000	626,480	0	0	0	0

Other Financial Impact	The project will reduce O&M costs associated with frequent manhole cleaning and CCTV assessment.					
Operational Impact	The project will increase service reliability and eliminate the potential for SSOs, which may result in Clean Water Act fines of up to \$25,000 per day.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Valley View Trunk Sewer
Project Number: SA2006

Project Description

This project includes grant funding support, preliminary engineering, plan design, and the environmental report for a new sewer pipeline within disadvantaged communities (DAC). The Sanitation Master Plan has developed 13 new projects to provide service to disadvantaged communities. The sewer planning efforts are consistent with the East Coachella Valley Water Supply plans. The DAC Task Force will develop a priority listing of sewer projects from these planning efforts. This is a septic-to-sewer conversion project to expand CVWD's service area and utilize available grant funding opportunities.



Project Objectives

This project's objective is to use 100% grant funding for septic-to-sewer conversion within disadvantaged communities. The project will result in significant cost savings for sanitation services.

Schedule

Start : 07/01/2019 Complete : 06/30/2028 Project Status : Design

Estimated Project Cost (\$)		Funding Source	%
Capitalized Labor	10,781,800	Grant	100
Construction	331,400		
Other	9,735,400		
Planning/Design	15,000		
	700,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
231,800	50,000	250,000	250,000	5,500,000	4,500,000	0

Other Financial Impact	The project will provide reliable, centralized service for disadvantaged communities.					
Operational Impact	Approximately \$10,000 per year additional O&M cost for the pipeline and pump station.					
Discretionary	<input checked="" type="checkbox"/>			Non - Discretionary		<input type="checkbox"/>

Shadow Hills High School NPW Connection

Project Number: NP2203

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline, meter connection, and pump capacity upgrade from WRP 7's NPW distribution system to Shadow Hills High School. The connection will allow the high school to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW area and reduce its reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 40 acre-feet of groundwater per year.

Schedule

Start :	03/26/2021	Complete :	06/30/2027	Project Status :	Design
Estimated Project Cost (\$)	670,000			Funding Source	%
Capitalized Labor	126,500			Pay-as-you-go	100
Construction	283,500				
Other	10,000				
Planning/Design	250,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	10,000	40,000	60,000	280,000	280,000	0

Other Financial Impact	\$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.					
Operational Impact	\$5,000 per year for labor related to maintenance/calibration of control valve and meter.					
Discretionary	<input checked="" type="checkbox"/>		Non - Discretionary		<input type="checkbox"/>	

Shadow Hills North Golf Course Connection
Project Number: NP2301

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline from WRP 7's NPW distribution system to Shadow Hills North Golf Course. The connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve its groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 1,000 acre-feet of groundwater per year.

Schedule

Start :	01/03/2022	Complete :	06/28/2030	Project Status :	Design
Estimated Project Cost (\$)		3,660,000		Funding Source	
Capitalized Labor		107,080		Pay-as-you-go	
Construction		2,767,920		State Revolving Loan	
Other		10,000		Grant	
Planning/Design		775,000		25	
				50	
				25	

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	10,000	70,000	300,000	2,150,000	2,050,000	0

Other Financial Impact	\$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.	
Operational Impact	\$5,000 per year for labor related to maintenance/calibration of control valve and meter.	
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary <input type="checkbox"/>

Talavera NPW Connection
Project Number: NP2202

Project Description

This project includes designing and building an 8-inch-diameter nonpotable water (NPW) pipeline and meter connection from WRP 7's NPW distribution system to the Talavera development. The connection will allow the Talavera HOA to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 107 acre-feet of groundwater per year.

Schedule

Start :	07/01/2021	Complete :	06/30/2028	Project Status :	Design
Estimated Project Cost (\$)	685,000	Funding Source	%		
Capitalized Labor	87,700	Pay-as-you-go	100		
Construction	437,300				
Other	10,000				
Planning/Design	150,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	25,000	40,000	60,000	280,000	280,000	0

Other Financial Impact: \$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.

Operational Impact: \$5,000 per year for labor related to maintenance/calibration of control valve and meter.

Discretionary Non - Discretionary

Young's Farmland and The Garden Fellowship NPW Connection
Project Number: NP2002

Project Description

This project includes designing and building a nonpotable water (NPW) pipeline and meter connection from WRP 7's NPW distribution system to the Young's family farms. The connection will allow the farmland to reduce its reliance on groundwater for irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for agricultural irrigation. Connecting this project to the NPW delivery system will save approximately 354 acre-feet of groundwater per year.

Schedule

Start :	01/01/2020	Complete :	06/30/2025	Project Status :	Construction
Estimated Project Cost (\$)	1,210,000	Funding Source	%		
Capitalized Labor	88,402	Pay-as-you-go	50		
Construction	857,491	State Revolving Loan	25		
Other	14,107	Grant	25		
Planning/Design	250,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
139,300	60,000	700,000	310,000	0	0	0
Other Financial Impact	\$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.					
Operational Impact	\$5,000 per year for labor related to maintenance/calibration of control valve and meter.					
Discretionary	<input checked="" type="checkbox"/>	Non – Discretionary		<input type="checkbox"/>		

Annenberg (aka Sunnylands) Golf Club Connection
 Project Number: NP2004

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline, meter connection, and pump capacity upgrade from WRP 10's NPW distribution system to Annenberg (aka Sunnylands) Golf Club. The NPW connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 1,262 acre-feet of groundwater per year.

Schedule

Start : 01/01/2019 Complete : 12/31/2025 Project Status : Construction

Estimated Project Cost (\$)	2,042,200	Funding Source	%
Capitalized Labor	204,680	Pay-as-you-go	100
Construction	1,527,520		
Other	10,000		
Planning/Design	300,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
232,200	40,000	890,000	880,000	0	0	0

Other Financial Impact \$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.

Operational Impact \$5,000 per year for labor related to maintenance/calibration of control valve and meter.

Discretionary Non - Discretionary

Cotino Development NPW Connection
Project Number: NP2401

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline, meter connection, and pump capacity upgrade from WRP 10's NPW distribution system to Eagle (Crystal Lagoon). The NPW connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

The objective of this project is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 805 acre-feet of groundwater per year.

Schedule

Start : 02/16/2023 Complete : 06/30/2025 Project Status : Design

Estimated Project Cost (\$)	450,000	Funding Source	%
Capitalized Labor	64,600	Pay-as-you-go	100
Construction	285,400		
Other	0		
Planning/Design	100,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	50,000	50,000	350,000	0	0	0

Other Financial Impact: \$5,000 per year for additional electricity and material cost to maintain the new meter vault and monitoring equipment.

Operational Impact: \$5,000 per year for labor related to maintenance/calibration of control valve and meter.

Discretionary Non - Discretionary

Desert Island Country Club (The S) Connection
Project Number: NP2005

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline, meter connection, and pump capacity upgrade from WRP 10's NPW distribution system to Desert Island Country Club. The connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 979 acre-feet of groundwater per year.

Schedule

Start :	07/01/2020	Complete :	06/30/2026	Project Status :	Planning
Estimated Project Cost (\$)		1,425,000	Funding Source		%
Capitalized Labor	160,620		Pay-as-you-go	80	
Construction	929,380		State Revolving Loan	15	
Other	85,000		Grant	5	
Planning/Design	250,000				

Cost Projections (\$)

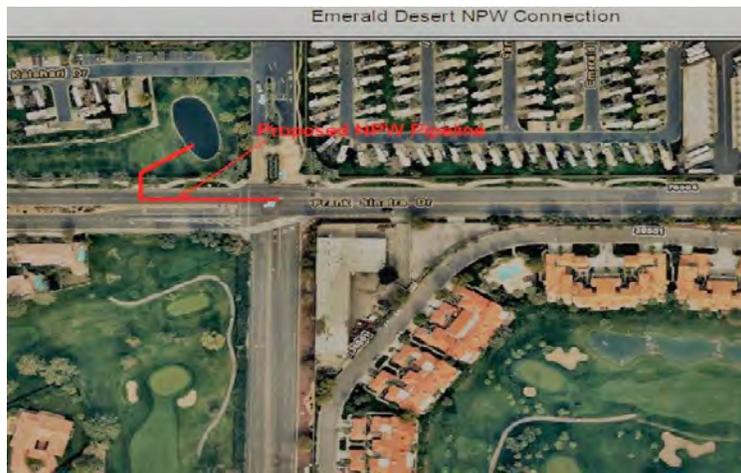
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	25,000	145,000	125,000	580,000	550,000	0

Other Financial Impact	\$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.					
Operational Impact	\$5,000 per year for labor related to maintenance/calibration of control valve and meter.					
Discretionary	<input checked="" type="checkbox"/>		Non - Discretionary		<input type="checkbox"/>	

Emerald Desert RV Resort Connection
Project Number: NP1602

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline and meter connection from WRP 10's NPW distribution system to Emerald Desert RV Resort. The connection will allow the resort to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 188 acre-feet of groundwater per year.

Schedule

Start : 01/01/2015 Complete : 06/30/2026 Project Status : Construction

Estimated Project Cost (\$)	1,383,500	Funding Source	%
Capitalized Labor	85,000	Pay-as-you-go	50
Construction	998,500	State Revolving Loan	35
Other	0	Grant	15
Planning/Design	300,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
203,500	40,000	630,000	510,000	0	0	0

Other Financial Impact: \$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.

Operational Impact: \$5,000 per year for labor related to maintenance/calibration of control valve and meter.

Discretionary: Non - Discretionary:

FY 2020-21 Non-Potable Water Off-Site Pipeline Projects
Project Number: NP2304

Project Description

CVWD is expanding the non-potable water (NPW) connections to additional customers in its WRP 10 services area as part of the FY 2020-2021 NPW Off-Site Pipeline Projects. This project includes the construction of a new 46,400-foot NPW pipeline with diameters ranging from 12 inches to 36 inches. The project accounts for three different segments: Warner Trail, Varner Road, and Frank Sinatra Drive. The expansion will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 697 acre-feet of groundwater per year.

Schedule

Start : 09/08/2020 Complete : 12/31/2025 Project Status : Construction

Estimated Project Cost (\$)		Funding Source		%	
Capitalized Labor	24,632,665	Grant		25	
Construction	1,345,020	Loan		70	
Other	21,057,581	Pay-as-you-go		5	
Planning/Design	842,300				
	1,387,765				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
848,075	14,645,000	6,967,680	0	0	0	0

Other Financial Impact: \$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.

Operational Impact: \$5,000 per year for labor related to maintenance/calibration of control valve and meter.

Discretionary Non - Discretionary

Indian Wells Tennis Garden Connection
Project Number: NP2006

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline and meter connection from the WRP 10 NPW distribution system to the Indian Wells Tennis Garden. The connection will allow the stadium complex to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 359 acre-feet of groundwater per year.

Schedule

Start :	01/01/2019	Complete :	06/30/2027	Project Status :	Design
Estimated Project Cost (\$)	521,700	Funding Source	%		
Capitalized Labor	122,082	Pay-as-you-go	100		
Construction	189,618				
Other	10,000				
Planning/Design	200,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
131,700	10,000	10,000	10,000	10,000	50,000	300,000

Other Financial Impact	\$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.					
Operational Impact	\$5,000 per year for labor related to maintenance/calibration of control valve and meter.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Jack Ivey Ranch Country Club Connection
Project Number: NP2007

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline, meter connection, and pump capacity upgrade from WRP 10's NPW distribution system to Jack Ivey Ranch Country Club. The connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 339 acre-feet of groundwater per year.

Schedule

Start : 01/01/2020 Complete : 12/31/2025 Project Status : Construction

Estimated Project Cost (\$)	1,800,800	Funding Source	%
Capitalized Labor	130,880	Pay-as-you-go	100
Construction	1,359,920		
Other	10,000		
Planning/Design	300,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
210,800	40,000	1,370,000	180,000	0	0	0

Other Financial Impact	\$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.					
Operational Impact	\$5,000 per year for labor related to maintenance/calibration of control valve and meter.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Marriott Desert Springs North Course Connection
Project Number: NP1702

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline and meter connection from WRP 10's NPW distribution system to Marriott Desert Springs North Course. The connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 692 acre-feet of groundwater per year.

Schedule

Start :	06/14/2016	Complete :	06/28/2030	Project Status :	Design
Estimated Project Cost (\$)	5,197,800	Funding Source	%		
Capitalized Labor	201,658	Pay-as-you-go	100		
Construction	4,408,987				
Other	96,002				
Planning/Design	491,153				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
52,800	5,000	10,000	10,000	10,000	10,000	100,000

Other Financial Impact	\$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.					
Operational Impact	\$5,000 per year for labor related to maintenance/calibration of control valve and meter.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Marriott Shadow Ridge Connection
Project Number: NP1701

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline and meter connection from WRP 10's distribution piping system to Marriott Shadow Ridge. The connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 1,375 acre-feet of groundwater per year.

Schedule

Start :	06/16/2016	Complete :	06/30/2026	Project Status :	Construction
Estimated Project Cost (\$)	7,345,700	Funding Source	%		
Capitalized Labor	107,080	Pay-as-you-go	5		
Construction	6,729,620	Grant	25		
Other	10,000	State Revolving Loan	70		
Planning/Design	499,000				

Cost Projections (\$)

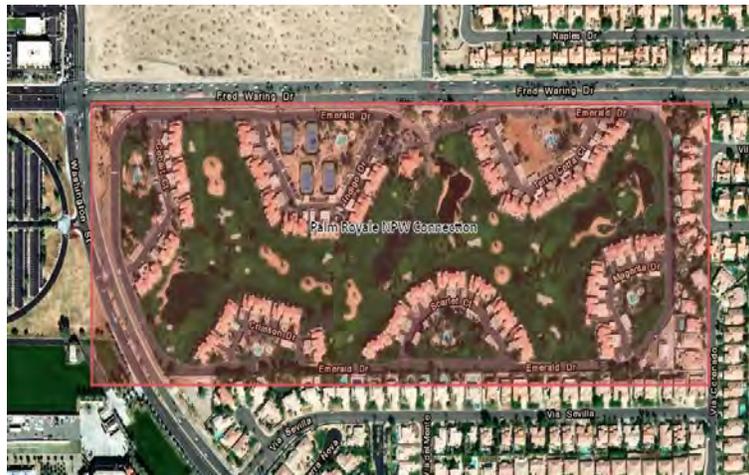
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
415,700	40,000	5,450,000	1,440,000	0	0	0

Other Financial Impact	\$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.					
Operational Impact	\$5,000 per year for labor related to maintenance/calibration of control valve and meter.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

Palm Royale Country Club NPW Connection
Project Number: NP2008

Project Description

This project includes constructing a nonpotable water (NPW) pipeline, meter connection, and pump capacity upgrade from WRP 10's NPW distribution system to Palm Royale Country Club. The connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 411 acre-feet of groundwater per year.

Schedule

Start :	01/01/2020	Complete :	12/31/2025	Project Status :	Construction
Estimated Project Cost (\$)	1,154,600			Funding Source	%
Capitalized Labor	123,200			Pay-as-you-go	100
Construction	721,400				
Other	10,000				
Planning/Design	300,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
204,600	40,000	810,000	100,000	0	0	0

Other Financial Impact	\$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.	
Operational Impact	\$5,000 per year for labor related to maintenance/calibration of control valve and meter.	
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary <input type="checkbox"/>

Rancho Mirage Country Club Connection
Project Number: NP2013

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline, meter connection, and pump capacity upgrade from WRP 10's NPW distribution system to Rancho Mirage Country Club. The connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 387 acre-feet of groundwater per year.

Schedule

Start : 01/01/2020 Complete : 12/31/2025 Project Status : Planning

Estimated Project Cost (\$)	612,700	Funding Source	%
Capitalized Labor	98,100	Pay-as-you-go	100
Construction	339,329		
Other	18,000		
Planning/Design	157,271		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
222,700	10,000	10,000	10,000	10,000	50,000	300,000

Other Financial Impact: \$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.

Operational Impact: \$5,000 per year for labor related to maintenance/calibration of control valve and meter.

Discretionary Non - Discretionary

Southwest Community Church/Gerald Ford Elementary School Connection
Project Number: NP2012

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline and meter connections from WRP 10's NPW distribution system to Southwest Community Church and Gerald Ford Elementary School. The connection will allow the irrigation users to reduce reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 755 acre-feet of groundwater per year.

Schedule

Start :	01/01/2020	Complete :	12/31/2025	Project Status :	Construction
Estimated Project Cost (\$)	2,038,100	Funding Source	%		
Capitalized Labor	115,960	Pay-as-you-go	100		
Construction	1,612,140				
Other	10,000				
Planning/Design	300,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
228,100	40,000	1,650,000	120,000	0	0	0

Other Financial Impact \$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.

Operational Impact \$5,000 per year for labor related to maintenance/calibration of control valve and meter.

Discretionary Non – Discretionary

Springs Country Club Connection
Project Number: NP2201

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline, meter connection, and pump capacity upgrade from WRP 10's NPW distribution system to Springs Country Club. The NPW connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 985 acre-feet of groundwater per year.

Schedule

Start : 01/03/2022 Complete : 06/30/2026 Project Status : Design

Estimated Project Cost (\$)	1,970,000	Funding Source	%
Capitalized Labor	160,620	Pay-as-you-go	80
Construction	1,545,000	State Revolving Loan	15
Other	10,000	Grant	5
Planning/Design	254,380		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	25,000	140,000	190,000	825,000	790,000	0

Other Financial Impact	\$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.		
Operational Impact	\$5,000 per year for labor related to maintenance/calibration of control valve and meter.		
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary	<input type="checkbox"/>

Suncrest Country Club Connection
Project Number: NP2009

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline, meter connection, and pump capacity upgrade from WRP 10's NPW distribution system to Suncrest Country Club. The connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 410 acre-feet of groundwater per year.

Schedule

Start :	01/01/2020	Complete :	12/31/2025	Project Status :	Construction
Estimated Project Cost (\$)	1,053,600	Funding Source	%		
Capitalized Labor	80,310	Pay-as-you-go	100		
Construction	753,290				
Other	20,000				
Planning/Design	200,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
193,600	40,000	570,000	250,000	0	0	0

Other Financial Impact	\$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.					
Operational Impact	\$5,000 per year for labor related to maintenance/calibration of control valve and meter.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

T1 Pump Station Replacement
Project Number: NP1807

Project Description

This project includes replacing an outdated T-1 pump station and constructing a replacement pump station to provide approximately 7,300 GPM additional flow capacity for the low-pressure nonpotable water (NPW) system and 9,000 GPM additional flow capacity for the high-pressure NPW delivery system. Both low and high-pressure NPW delivery systems will also be equipped with one standby pump. The new pump station will also require the construction of a new Motor Control Center (MCC) building, a wet well, and interconnecting piping between the recycled water pipeline and the existing equalization basin. This project is required to support the expansion of the NPW delivery to five new projects on the NPW high-pressure system and two new projects on the NPW low-pressure system. This project is under construction.



Project Objectives

The objective of this project is to replace the out-of-service T-1 pump station and expand its capacity to support additional customers for the expansion of the NPW distribution system.

Schedule

Start : 06/13/2017 Complete : 06/30/2025 Project Status : Construction

Estimated Project Cost (\$)		Funding Source	%
Capitalized Labor	702,400	Pay-as-you-go	5
Construction	24,641,070	State Revolving Loan	70
Other	31,460	Grant	25
Planning/Design	3,091,470		

Cost Projections (\$)

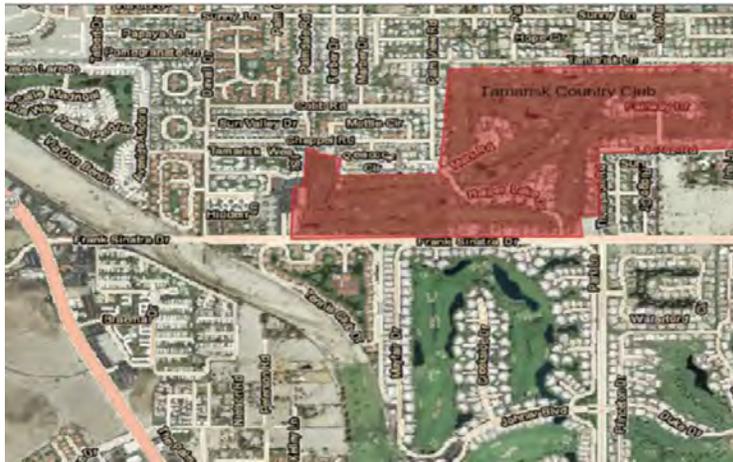
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
21,966,400	6,000,000	500,000	0	0	0	0

Other Financial Impact	When fully utilized, the O&M cost for electricity and pump maintenance will increase by up to \$200,000/year.					
Operational Impact	This project is required to support the expansion of NPW delivery to five new projects on the NPW high-pressure system and two new projects on the NPW low-pressure system.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Tamarisk Country Club Connection
Project Number: NP2010

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline, meter connection, and pump capacity upgrade from WRP 10's NPW distribution system to Tamarisk Country Club. The connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 697 acre-feet of groundwater per year.

Schedule

Start :	01/01/2020	Complete :	12/31/2025	Project Status :	Construction
Estimated Project Cost (\$)	1,528,500	Funding Source		%	
Capitalized Labor	291,750	Pay-as-you-go		100	
Construction	866,750				
Other	20,000				
Planning/Design	350,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
268,500	40,000	850,000	370,000	0	0	0

Other Financial Impact	\$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.					
Operational Impact	\$5,000 per year for labor related to maintenance/calibration of control valve and meter.					
Discretionary	<input checked="" type="checkbox"/>			Non - Discretionary		<input type="checkbox"/>

Tri-Palm Country Club NPW Connection
Project Number: NP2011

Project Description

This project includes the design and construction of a nonpotable water (NPW) pipeline, meter connection, and pump capacity upgrade from WRP 10's NPW distribution system to Tri-Palm Country Club. The connection will allow the golf course to reduce its reliance on groundwater for turf irrigation and help CVWD achieve groundwater sustainability goals.



Project Objectives

This project's objective is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Connecting this project to the NPW delivery system will save approximately 755 acre-feet of groundwater per year.

Schedule

Start : 01/01/2020 Complete : 12/31/2025 Project Status : Construction

Estimated Project Cost (\$)	1,069,400	Funding Source	%
Capitalized Labor	121,080	Pay-as-you-go	100
Construction	666,320		
Other	35,000		
Planning/Design	247,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
289,400	40,000	90,000	650,000	0	0	0

Other Financial Impact: \$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.

Operational Impact: \$5,000 per year for labor related to maintenance/calibration of control valve and meter.

Discretionary: Non - Discretionary:

WRP 10 Low - Pressure Capacity Expansion
Project Number: NP2205

Project Description

This project includes the design and construction of new pipelines for WRP 10's nonpotable water (NPW) distribution system expansion. The new pipelines will be constructed on Cook Street from WRP 10 to Riviera Drive to serve new NPW customers along Frank Sinatra Drive and in the western Coachella Valley.



Project Objectives

The objective of this project is to expand CVWD's NPW service area and reduce reliance on groundwater for irrigation purposes.

Schedule

Start : 01/06/2022 Complete : 12/31/2025 Project Status : Construction

Estimated Project Cost (\$)		Funding Source	%
Capitalized Labor	18,120,000	Pay-as-you-go	5
Construction	658,800	State Revolving Loan	25
Other	16,340,900	Grant	25
Planning/Design	120,300	SWSC	45
	1,000,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	40,000	3,000,000	4,760,000	5,250,000	5,070,000	0

Other Financial Impact: \$25,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.

Operational Impact: \$5,000 per year for labor related to maintenance/calibration of control valve and meter.

Discretionary Non - Discretionary

Existing Low Pressure NPW Customer Connection Improvements
Project Number: NP2302

Project Description

This project includes the design and construction of new flow and pressure control valves (Cla-Val valves) on seven existing low-pressure, nonpotable water (NPW) connections. These seven connections do not have a flow control valve. Flow control will be required on all low-pressure connections to accommodate the farthest customers on the low-pressure system along Frank Sinatra Drive and to serve North Valley NPW connections.



Project Objectives

The objective of this project is to expand CVWD's NPW service area and reduce reliance on groundwater for turf irrigation. Installing flow and pressure control valves on existing connections will allow expansion of the NPW system to Frank Sinatra Drive and North Valley NPW customers.

Schedule

Start : 01/05/2023 Complete : 12/31/2025 Project Status : Design

Estimated Project Cost (\$)	1,500,000	Funding Source	%
Capitalized Labor	328,000	Pay-as-you-go	80
Construction	772,000	State Revolving Loan	20
Other	0		
Planning/Design	400,000		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	250,000	750,000	500,000	0	0	0

Other Financial Impact \$5,000 per year for additional electricity and material costs to maintain the new meter vault and monitoring equipment.

Operational Impact \$5,000 per year for labor related to maintenance/calibration of control valve and meter.

Discretionary Non - Discretionary

An aerial photograph showing a wide, dry riverbed with intricate patterns of sand and silt. The riverbed is flanked by a residential area on the left and a dense forest of green trees on the right. In the background, a large mountain range with snow-capped peaks is visible under a clear blue sky. A bridge with several arches spans across the riverbed in the middle distance. The word "STORMWATER" is overlaid in large, white, bold, sans-serif capital letters across the upper portion of the image.

STORMWATER

STORMWATER PROJECTS

Planned Stormwater Fund projects for fiscal year 2025 amount to \$24.7 million. Funding includes approximately \$5 million in Pay-Go funding and approximately \$19.7 million in future debt financing.

Capital Improvement Budget – Stormwater

Project Name	Budget FY 2025	Planned				Total 5-Year
		FY 2026	FY 2027	FY 2028	FY 2029	
Districtwide Project Allocation	\$506,375	\$180,250	\$212,875	\$168,250	\$79,000	\$1,146,750
Subtotal Districtwide Project Allocation	\$506,375	\$180,250	\$212,875	\$168,250	\$79,000	\$1,146,750
Stormwater						
Coachella Valley Multi Species Habitat Conservation Plan Constructed Wetlands	\$100,000	\$3,200,000	\$3,300,000	\$3,300,000	\$0	\$9,900,000
Coachella Valley Storm Channel Thermal Drop Structure to Avenue 64 Improvement	-	-	300,000	300,000	1,000,000	1,600,000
Coachella Valley Stormwater Channel Improvements - Avenue 54 to the Thermal Drop Structure - LOMR/HMMP	300,000	-	-	-	-	300,000
East Side Dike, Phase 2 (I-10 to North Shore)	100,000	-	-	-	13,500,000	13,600,000
East Side Dike Realignment between Wasteway No. 3 and Dillon Road	470,000	1,620,000	-	-	-	2,090,000
Evaluation and Installation of Rainfall Gages	50,000	50,000	50,000	50,000	-	200,000
Kings Road Regional Stormwater Facility for the Oasis Area	-	-	500,000	1,000,000	1,300,000	2,800,000
Martinez Canyon (Avenue 68) Regional Stormwater Facility for the Oasis Area	-	-	1,000,000	1,000,000	1,000,000	3,000,000
North Cathedral City Regional Stormwater	12,000,000	1,500,000	-	-	-	13,500,000
North Indio Regional Flood Control System - Phase 2	8,000,000	-	-	-	-	8,000,000
Thousand Palms Channel Improvement from Sun City Shadow Hills Channel to the Coachella Valley Storm Channel	80,000	12,350,000	6,350,000	140,000	-	18,920,000
Thousand Palms Flood Control	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Whitewater River Channel Bank Protection Upstream of Cook Street	-	150,000	1,600,000	1,600,000	-	3,350,000
Whitewater River Stormwater Channel Bank Slope Protection Adjacent to WRP 10	2,100,000	550,000	-	-	-	2,650,000
Subtotal Stormwater	\$24,200,000	\$20,420,000	\$14,100,000	\$8,390,000	\$17,800,000	\$84,910,000
Total Stormwater	\$24,706,375	\$20,600,250	\$14,312,875	\$8,558,250	\$17,879,000	\$86,056,750

Coachella Valley Multi Species Habitat Conservation Plan- Constructed Wetlands
Project Number: SW0044

Project Description

This project includes designing, building, and establishing permanent riparian and wetland habitats within the Coachella Valley Stormwater Channel (CVSC) and Delta Conservation Area in accordance with the Coachella Valley Multiple Species Habitat Conservation Plan.



Project Objectives

The objective of this project is to design, construct, and establish permanent riparian and wetland habitat within the CVSC and Delta Conservation Area in accordance with the Coachella Valley Multiple Species Habitat Conservation Plan.

Schedule

Start :	07/01/2015	Complete :	06/30/2028	Project Status :	Design
Estimated Project Cost (\$)	10,547,700	Funding Source	%		
Capitalized Labor	323,270	Pay-as-you-go	100		
Construction	9,709,430				
Other	15,000				
Planning/Design	500,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
547,700	100,000	100,000	3,200,000	3,300,000	3,300,000	0

Other Financial Impact	The project is a design/build project with an establishment criteria.					
Operational Impact	No operational impact. The project will be transferred to the Coachella Valley Conservation Commission upon completion.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Coachella Valley Stormwater Channel Improvements
 Avenue 54 to the Thermal Drop Structure
 Project Number: SW0042

Project Description

This project includes constructing proposed improvements to the Coachella Valley Stormwater Channel (CVSC) from Avenue 54 to the Thermal Drop Structure in order to increase the conveyance capacity of the CVSC to the 100-year flood design standard (39,000 cfs). The project, when completed, will provide regional flood protection to life and property on adjacent lands in compliance with both FEMA and CVWD design standards. It will also revise the effective FEMA flood insurance rate maps by removing about 4,577 acres of adjacent land areas from a special flood hazard area. This project is under construction.



Project Objectives

The objective of this project is to increase regional flood conveyance capacity of the CVSC to the 100-year flood design standard and satisfy the requirements of CVWD and FEMA for regional flood protection to life and property.

Schedule

Start :	01/01/2020	Complete :	12/31/2024	Project Status :	Construction
Estimated Project Cost (\$)	57,694,154	Funding Source	%		
Capitalized Labor	546,801	Pay-as-you-go	93		
Construction	56,012,353	Loan	7		
Other	35,000				
Planning/Design	1,400,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
51,161,400	6,532,754	300,000	0	0	0	0

Other Financial Impact	This project has received a WIFIA loan that covers 49% of the capital improvement cost for the project.					
Operational Impact	The project, when constructed, will require an additional cost of \$10,000 for O&M to maintain conveyance capacity.					
Discretionary	<input type="checkbox"/>	Non – Discretionary			<input checked="" type="checkbox"/>	

East Side Dike (I-10 to North Shore) - Phase 2
Project Number: SW2001

Project Description

This project includes the completion of the design and environmental documentation that takes into consideration previously finalized hydrology, hydraulic and scour analyses, and geotechnical investigation for the 17-mile East Side Dike (Dike). The goal is to identify and mitigate required improvements to certify the Dike as a regional stormwater facility to the Federal Emergency Management Agency (FEMA).



Project Objectives

The objective of this project is to identify mitigation needs and construct required improvements to certify the East Side Dike as compliant with FEMA's 100-year flood design standard. It also helps to provide regional stormwater protection to the Coachella Canal and adjacent lands in Mecca and North Shore.

Schedule

Start :	01/01/2020	Complete :	06/28/2030	Project Status :	Design
Estimated Project Cost (\$)	14,832,900	Funding Source	%		
Capitalized Labor	168,200	Pay-as-you-go	100		
Construction	11,835,081				
Other	560,000				
Planning/Design	2,269,619				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
832,900	400,000	100,000	0	0	0	13,500,000

Other Financial Impact	The funding for this phase can be augmented through WIFIA loans or grants.					
Operational Impact	The operation and maintenance cost for the improved facility is not expected to be more than the existing O&M cost.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

East Side Dike Realignment between Wasteway No. 3 and Dillon Road
 Project Number: SW2103

Project Description

This project includes a design to modify and realign a portion of the East Side Dike (Dike) between Wasteway No. 3 and Dillon Road to allow for vehicular access and maintenance on the southern slope of the Dike. Currently, about 3,600 linear feet of the Dike have restrictions for access.



Project Objectives

The objective of this project is to realign a portion of the East Side Dike between Wasteway No. 3 and Dillon Road to provide vehicular access for long-term maintenance of the southerly slope of the Dike.

Schedule

Start :	09/15/2020	Complete :	06/30/2026	Project Status :	Construction
Estimated Project Cost (\$)	2,282,400	Funding Source	%		
Capitalized Labor	70,900	Pay-as-you-go	100		
Construction	1,982,761				
Other	30,000				
Planning/Design	198,739				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
162,400	30,000	470,000	1,620,000	0	0	0

Other Financial Impact	None.					
Operational Impact	It improves or makes O&M cost-effective in the long term.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Evaluation and Installation of Rainfall Gauges
Project Number: SW1606

Project Description

This project includes installing additional rainfall gauges within the Coachella Valley to increase rainfall data collection coverage.



Project Objectives

The objective of this project is to increase the coverage of rainfall gauges in the valley to better analyze storm events that impact the valley and to develop a database for planning efforts in the future.

Schedule

Start :	07/31/2019	Complete :	06/30/2027	Project Status :	Construction
Estimated Project Cost (\$)	648,100	Funding Source	%		
Capitalized Labor	48,475	Pay-as-you-go	100		
Construction	194,625				
Other	405,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
398,100	50,000	50,000	50,000	50,000	50,000	0

Other Financial Impact	None.					
Operational Impact	The addition of rainfall gauging stations will provide a better representation of the aerial distribution of observed rainfall storms within the Coachella Valley.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

North Cathedral City Regional Stormwater Project
Project Number: SW0001

Project Description

This project includes preparing design plans, specifications, and environmental documentation to construct Phase I of the North Cathedral City Stormwater Master Plan (SMP). The scope consists of designing and constructing improvements to convey a portion of a 100-year flood from the Morongo Wash south of Interstate 10 to the Whitewater River Stormwater Channel.



Project Objectives

The objective of this project is to construct a concrete channel beneath the Union Pacific Railroad bridge to convey stormwater flows from upstream of Interstate 10 to the Whitewater River Stormwater Channel.

Schedule

Start :	06/26/2018	Complete :	06/30/2026	Project Status :	Design
Estimated Project Cost (\$)	16,226,600			Funding Source	%
Capitalized Labor	554,000			Bond	100
Construction	12,542,600				
Other	1,630,000				
Planning/Design	1,500,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
1,726,600	1,000,000	12,000,000	1,500,000	0	0	0

Other Financial Impact: \$5,000 per year for O&M costs.

Operational Impact: The design and construction of Phase 1 of the SMP will protect the existing development in northern Cathedral City from a 100-year flood, including a portion of riverine flows currently conveyed to Thousand Palms. The construction of the project will also provide biological benefits through improved wildlife connectivity and sand transport between the Willow Hole and Whitewater Floodplain Conservation areas.

Discretionary: Non - Discretionary:

North Indio Regional Flood Control System - Phase 2
Project Number: SW2201

Project Description

The project includes constructing the Phase 2 regional flood control improvements. It consists of constructing regional flood control conveyance channels for the North Indio area to convey the 100-year flood from Sun City Palm Desert to Sun City Shadow Hills. The project, when complete, will remove approximately 2,700 acres of land within the North Indio area from a FEMA-designated Special Flood Hazard Area. This project is under construction.



Project Objectives

The objective of this project is to construct regional stormwater channels and associated improvements and capture regional stormwater flows from Sun City Palm Desert to convey them through Sun City Shadow Hills for ultimate discharge into the Coachella Valley Stormwater Channel.

Schedule

Start :	07/01/2019	Complete :	06/30/2025	Project Status :	Construction
Estimated Project Cost (\$)	101,360,562	Funding Source	%		
Capitalized Labor	1,189,620	Pay-as-you-go	5		
Construction	100,170,942	Loan	30		
Other	0	Bond	65		
Planning/Design	0				

Cost Projections (\$)

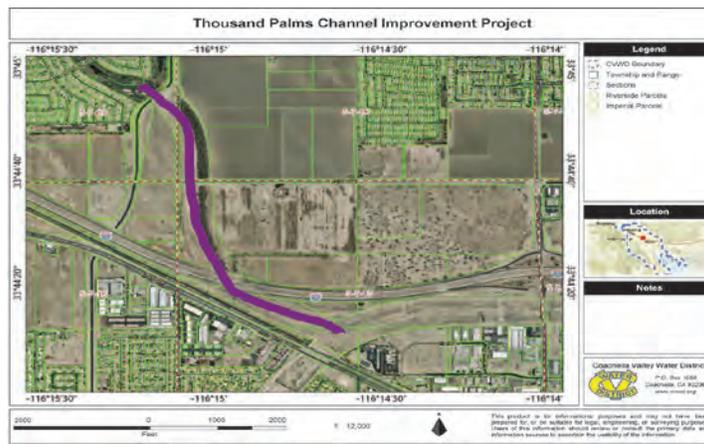
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
67,911,100	25,449,462	8,000,000	0	0	0	0

Other Financial Impact	The project is funded partially (49%) through a WIFIA Loan that will cover up to \$ 32 million of the capital improvement cost.					
Operational Impact	Annual O&M for the stormwater system following construction will be required.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Thousand Palms Channel Improvement Project
 from Sun City Shadow Hills Channel to the Coachella Valley Stormwater Channel
 Project Number: SW2104

Project Description

This project includes providing engineering design services and preparing environmental documentation for the Thousand Palms Channel Improvement Project from Coachella Siphon crossing the Sun City Shadow Hills (SCSH) channel to the Coachella Valley Stormwater Channel (CVSC). The project will provide final connectivity to convey regional stormwater flows from the SCSH channel to the CVSC.



Project Objectives

The objective of this project is to design and prepare environmental documentation and required environmental permits for constructing Thousand Palms Channel improvements. This project will provide regional stormwater flow connectivity from the SCSH channel to the CVSC.

Schedule

Start :	09/08/2020	Complete :	06/30/2028	Project Status :	Design
Estimated Project Cost (\$)		20,193,300	Funding Source		%
Capitalized Labor	173,300	Bond		100	
Construction	18,780,000				
Other	30,000				
Planning/Design	1,210,000				

Cost Projections (\$)

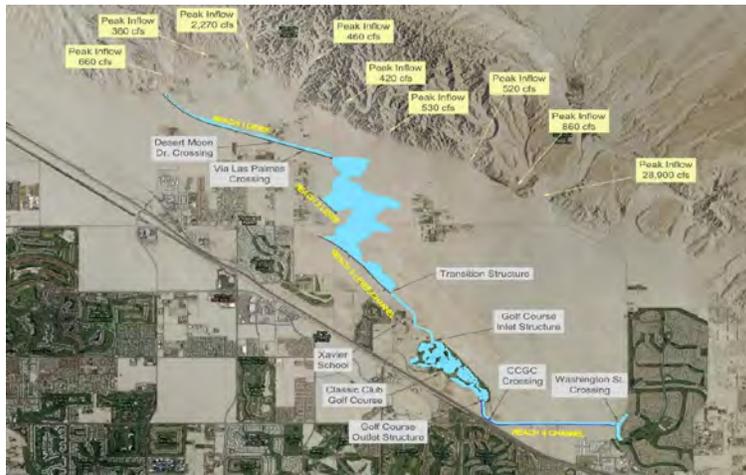
Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
743,300	530,000	80,000	12,350,000	6,350,000	140,000	0

Other Financial Impact	An additional cost of \$5,000 or less is expected due to regular O&M following the construction of the project.					
Operational Impact	Regular O&M.					
Discretionary	<input type="checkbox"/>	Non – Discretionary			<input checked="" type="checkbox"/>	

Thousand Palms Flood Control Project
Project Number: SW0004

Project Description

This project includes designing and constructing a series of levees and channels to protect a portion of the Thousand Palms community. The project will collect flows from the alluvial fans to the north and convey them to the existing Sun City Palm Desert flood control channel system.



Project Objectives

The objective of this project is to provide regional flood protection to a portion of the Thousand Palms community and maintain a sand transport system for the Coachella Valley Fringe-Toed Lizard Preserve.

Schedule

Start : 07/01/2019 Complete : 06/29/2035 Project Status : Design

Estimated Project Cost (\$)	120,000,000	Funding Source	%
Capitalized Labor	891,300	Pay-as-you-go	100
Construction	104,700,000		
Other	10,550,000		
Planning/Design	3,858,700		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
5,037,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000

Other Financial Impact: The project requires land acquisition prior to construction. Construction of this project is beyond FY 2029.

Operational Impact: The O&M cost following the construction of the project will increase by more than \$10,000 annually.

Discretionary: Non - Discretionary:

Whitewater River Stormwater Channel Bank Slope Protection Adjacent to WRP 10
Project Number: SW2002

Project Description

This project consists of constructing 2,750 linear feet of slope protection along the northern bank of the Whitewater River Stormwater Channel (WWRSC) adjacent to Water Reclamation Plant No. 10. It will be constructed in conjunction with the Palm Desert Groundwater Replenishment Facility Phase 2.



Project Objectives

This project's objective is to protect the WRP 10 site from lateral scour and erosion during regional stormwater flooding within the WWRSC. In addition, it will protect the pipeline extension from the Mid-Valley Pipeline, which will be the water source for the Palm Desert Groundwater Replenishment Facility Phase 2.

Schedule

Start :	07/01/2019	Complete :	06/15/2026	Project Status :	Design
Estimated Project Cost (\$)	2,650,000	Funding Source	%		
Capitalized Labor	100,290	Pay-as-you-go	100		
Construction	2,449,710				
Other	50,000				
Planning/Design	50,000				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	2,100,000	550,000	0	0	0

Other Financial Impact	Minimal.					
Operational Impact	Minimal.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

REPLENISHMENT



REPLENISHMENT PROJECTS

The East and West Whitewater Replenishment Fund projects for fiscal year 2025 amount to approximately \$930,000 and \$7.5 million, respectively. East Replenishment projects utilize Pay-Go as primary funding. West Replenishment includes Supplemental Water Supply Charge (SWSC) restricted funding for the Palm Desert Groundwater Facility, Phase 2 project.

Capital Improvement Budget – Replenishment

Project Name	Budget FY 2025	Planned				Total 5-Year
		FY 2026	FY 2027	FY 2028	FY 2029	
East Whitewater Replenishment						
Districtwide Project Allocation	\$565,250	\$337,500	\$416,750	\$327,500	\$149,000	\$1,796,000
Subtotal Districtwide Project Allocation	\$565,250	\$337,500	\$416,750	\$327,500	\$149,000	\$1,796,000
Calle Tampico Remediation	\$364,000	\$0	\$0	\$0	\$0	\$364,000
Eagle Falls Golf Course Connection	-	-	140,000	770,000	-	910,000
The Quarry Country Club NPW Golf Course Connection	-	500,000	3,000,000	2,750,000	-	6,250,000
Subtotal East Whitewater Replenishment	\$364,000	\$500,000	\$3,140,000	\$3,520,000	\$0	\$7,524,000
Total East Whitewater	\$929,250	\$837,500	\$3,556,750	\$3,847,500	\$149,000	\$9,320,000
West Whitewater Replenishment						
Districtwide Project Allocation	\$478,250	\$333,500	\$416,750	\$327,500	\$149,000	\$1,705,000
Subtotal Districtwide Project Allocation	\$478,250	\$333,500	\$416,750	\$327,500	\$149,000	\$1,705,000
Palm Desert Ground Water Replenishment Facility - Phase 2	\$7,050,201	\$6,955,870	\$0	\$0	\$0	\$14,006,071
Subtotal West Whitewater Replenishment	\$7,050,201	\$6,955,870	\$0	\$0	\$0	\$14,006,071
Total West Whitewater	\$7,528,451	\$7,289,370	\$416,750	\$327,500	\$149,000	\$15,711,071

Calle Tampico Remediation
Project Number: C02501

Project Description

This project includes rehabilitating approximately 4,000 feet of Irrigation Lateral 120.8 within Calle Tampico by slip-lining the existing pipeline with a polyethylene liner. The work also includes approximately 6 bore pits to facilitate access to the pipeline and the associated roadway repairs.



Project Objectives

The objective of this project is to rehabilitate a portion of Irrigation Lateral 120.8 within Calle Tampico. This pipeline has experienced leaks after its installation. The project will allow for the installation of a polyethylene liner placed within the existing pipeline and provide for continued water supply to the PGA West Mountains golf course.

Schedule

Start :	07/01/2024	Complete :	06/30/2024	Project Status :	Construction
Estimated Project Cost (\$)	364,000	Funding Source	%		
Capitalized Labor	0	Pay-as-you-go	100		
Construction	364,000				
Other	0				
Planning/Design	0				

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
0	0	364,000	0	0	0	0

Other Financial Impact	None.					
Operational Impact	None.					
Discretionary	<input type="checkbox"/>	Non - Discretionary			<input checked="" type="checkbox"/>	

Palm Desert Groundwater Replenishment Facility - Phase 2
Project Number: NP2204

Project Description

This project includes constructing ponds to replenish Colorado River water within the Whitewater River Stormwater Channel. A groundwater replenishment facility will help mitigate historical groundwater level declines within the West Whitewater River Subbasin Area. Studies indicate that approximately 15,000 acre-feet of Colorado River water per year may be delivered via the Mid-Valley Pipeline for replenishment in the Whitewater River Stormwater Channel.



Project Objectives

The objective of this project is to mitigate historical groundwater level declines and improve groundwater quality within the West Whitewater River Subbasin Area by replenishing 15,000 acre-feet per year of Colorado River water within the Whitewater River Stormwater Channel.

Schedule

Start : 07/16/2018 Complete : 06/30/2026 Project Status : Design

Estimated Project Cost (\$)	14,723,271	Funding Source	%
Capitalized Labor	460,694	SWSC	100
Construction	12,905,542		
Environmental Mitigation	153,879		
Planning/Design	1,203,156		

Cost Projections (\$)

Actuals Through FY 2023	Budget FY 2024	Budget FY 2025	Planned FY 2026	Planned FY 2027	Planned FY 2028	Planned FY 2029
229,800	487,400	7,050,201	6,955,870	0	0	0

Other Financial Impact	The project will add labor costs for operating (10-month expected operation period) and maintaining (2-month expected maintenance period) replenishment ponds.					
Operational Impact	The replenishment ponds will be designed to operate manually and will add operational costs.					
Discretionary	<input checked="" type="checkbox"/>	Non - Discretionary			<input type="checkbox"/>	

MOTORPOOL



MOTORPOOL

Planned purchases for vehicles and heavy equipment for fiscal year 2025 amount to \$3.1 million. New vehicles and heavy equipment for the various departments are budgeted in the Motorpool Fund. At year-end, funds are transferred into the Motorpool Fund from the District’s enterprise funds based on the actual benefit of equipment received.

Capital Improvement Budget – Motorpool

<u>Vehicle and Equipment Replacements</u>				
Department/Division	Vehicle Being Replaced	Replacement Vehicle Type		Budget FY 2025
Engineering				
Administration	2011 Ford 1/2 Ton Pickup Truck 4WD	1/2 Ton Pickup Truck 4WD		\$50,000
Construction Inspection	2017 Chevrolet 1/2 Ton Pickup Truck 4WD	1/2 Ton Pickup Truck 4WD		50,000
Environmental Services				
Monitoring	2006 Chevrolet 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD		50,000
Monitoring	2013 Ford 1/2 Ton Pickup Truck 4WD	1/2 Ton Pickup Truck 4WD		50,000
Source Control	2007 Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD		50,000
Public Affairs and Customer Experience				
Water Management	2008 Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD		50,000
Operations and Maintenance				
Auto Shop	2004 Sterling Fuel Truck 58K	F600 Fuel Truck		171,100
Building Maintenance	2006 Chevrolet 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD		50,000
Building Maintenance	2006 Chevrolet 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD		50,000
Control	2006 Chevrolet 1/2 Ton Pickup Truck 4WD	1/2 Ton Pickup Truck 4WD		50,000
Domestic Construction	2001 International Dump Truck 26K	26K GVWR Dump Truck		109,800
	2007 & Chevy Dump Truck 26K			
Domestic Construction	2006 GMC 25K Maintainer	26K GVWR Maintainer Truck		204,400
		w/Crane & Auxiliary Power Unit		
Domestic Construction	2006 GMC 25K Maintainer	26K GVWR Maintainer Truck		204,400
Domestic Construction	2013 Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD		50,000
Domestic Construction	2013 Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD		50,000
Domestic Construction	2014 Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD		50,000

Capital Improvement Budget – Motorpool (continued)

<u>Vehicle and Equipment Replacements</u>				
Department/Division		Vehicle Being Replaced	Replacement Vehicle Type	Budget FY 2025
Domestic Maintenance	2008	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Domestic Maintenance	2013	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Domestic Maintenance	2008	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Domestic Maintenance	2016	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Domestic Maintenance	2007	Komatsu WA250	John Deere Wheel Loader	266,500
Domestic Metering Systems	2014	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Domestic Production	2018	GMC 1/2 Ton Pickup Truck 4WD	1/2 Ton Pickup Truck 4WD	50,000
Domestic Production	2011	Ford 1/2 Ton Pickup Truck 4WD	1/2 Ton Pickup Truck 4WD	50,000
Domestic Production	2013	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Electrical	2006	Chevrolet 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Mechanical	2008	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Sanitation Collections	2013	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Sanitation Collections	2013	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Sanitation Collections	2013	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Sanitation Collections		Equipment Addition	Vaughn Sound Attenuated Trailer	217,300
Stormwater and Drainage	1985	Cozad Trailer	Trail King	166,500
Wastewater Reclamation Plant 1,2,4	2011	Ford 1/2 Ton Pickup Truck 4WD	1/2 Ton Pickup Truck 4WD	50,000
Wastewater Reclamation Plant 1,2,4	2011	Ford 1/2 Ton Pickup Truck 4WD	1/2 Ton Pickup Truck 4WD	50,000
Wastewater Reclamation Plant 1,2,4	2011	John Deere Gator (Gas)	2025 John Deere Electric Cart	20,000
Wastewater Reclamation Plant 10	2013	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Wastewater Reclamation Plant 10	2008	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Wastewater Reclamation Plant 10	2005	Pioneer Cart (Gas)	2025 John Deere Electric Cart	20,000
Wastewater Reclamation Plant 7	2007	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Wastewater Reclamation Plant 7	2006	John Deere Gator (Gas)	2025 John Deere Electric Cart	20,000
Zanjeros	2016	Ford 1/2 Ton Pickup Truck	1/2 Ton Pickup Truck 4WD	50,000
Zanjeros	2017	Chevrolet 1/2 Ton Pickup Truck 4WD	1/2 Ton Pickup Truck 4WD	50,000
Zanjeros	2016	Ford 1/2 Ton Pickup Truck 4WD	1/2 Ton Pickup Truck 4WD	50,000
Zanjeros	2016	Ford 1/2 Ton Pickup Truck 4WD	1/2 Ton Pickup Truck 4WD	50,000
Total Motorpool				\$3,100,000



CVWD employee loads a CVWD electric vehicle

ACRONYMS & GLOSSARY



ACRONYMS |

AC	Asbestos Cement	CCLP	Coachella Canal Lining Project
ACFR	Annual Comprehensive Financial Report (Formerly Comprehensive Annual Financial Report)	CCR	California Code Regulations
ACVWDM	Association of Coachella Valley Water District Managers	CCTV	Closed Circuit Television
ACWA	Association of California Water Agencies	CDP	Census Defined Places
af	Acre-Foot or Acre-Feet	CDSM	Cement Deep Soil Mixing
AGOL	ArcGIS Online	CEQA	California Environmental Quality Act
AIR-VAC	Air-Vacuum	CIB	Capital Improvement Budget
ALAE	Allocated Loss Adjustment Expenses	CIP	Capital Improvement Plan
AMMP	Asset Management Master Plan	CLM	Contract Lifecycle Management
AMP	Asset Management Program	CMMS	Computerized Maintenance Management System
AMR	Automated Meter Reading	COBRA	Consolidated Omnibus Budget Reconciliation Act
AMWA	Association of Metropolitan Water Agencies	COLAs	Cost-of-Living Adjustments
AOB	Area of Benefit	COP	Certificates of Participation
APN	Assessor's Parcel Number	COSS	Cost of Service Study
APs	Access Points	CPI	Consumer Price Index
AQMD	Air Quality Management District	CRW	Colorado River Water
ARC	Annual Required Contribution	Cr3	Chromium-3
ASSET	Association of Supervisory Support Evaluation Team	Cr6	Chromium-6
AV	Assessed Value	CVB	Convention and Visitors Bureau
AWWA	American Water Works Association	CVCWD	Coachella Valley County Water District
BDCP	Bay-Delta Conservation Plan	CVILC	Coachella Valley Irrigated Lands Coalition
BIL	Bipartisan Infrastructure Law	CVMSHCP	Coachella Valley Multiple Species Habitat Conservation Plan
BLM	Bureau of Land Management	CVSC	Coachella Valley Stormwater Channel
BOD	Biological Oxygen Demand	CVWD	Coachella Valley Water District
BOR	Broker of Record	CVWDEA	Coachella Valley Water District Employees Association
CAD	Computer-Aided Design	DAC	Disadvantaged Community
CAL/OSHA	California Occupational Safety and Health Administration	DBCP	Defined Benefit and Contribution Plan
CalPERS	California Public Employee's Retirement System	DCP	Drought Contingency Plan
CAMP	California Asset Management Program	DIP	Ductile Iron Pipe
Ccf	One Hundred Cubic Feet	DMS	Data Management System
		DSCR	Debt Service Coverage Ratio
		DWA	Desert Water Agency
		DWR	Department of Water Resources
		EAP	Employee Assistance Program

EDC	Electronic Data Capture	IT	Information Technology
EDU	Equivalent Dwelling Unit	IWAA	Irrigation Water Availability Assessment
ELAP	Environmental Laboratory Accreditation Program	IXTP	Ion Exchange Treatment Plant
EPA	Environmental Protection Agency	KW	Kilowatt
EPO	Exclusive Provider Organization	LAIF	California Local Agency Investment Fund
ERP	Enterprise Resource Planning	LAN	Local Area Network
ESU	Equivalent Sewer Unit	LC	Lower Colorado
EUM	Effective Utility Management	LIMS	Laboratory Information Management System
FEMA	Federal Emergency Management Agency	LS	Lift Station
FITSM	Federated Information Technology Service Management	maf	Million Acre Feet
FSA	Flexible Spending Account	MCC	Motor Control Center
FTE	Full-Time Equivalent	MDM	Mobile Device Management
FY	Fiscal Year	MG	Million Gallons
GAAP	Generally Accepted Accounting Principles	MGD	Million Gallons Per Day
GASB	Governmental Accounting Standards Board	MOU	Memorandum of Understanding
GFOA	Government Finance Officers Association	MP	Milepost
GIS	Geographic Information System	MS4	Municipal Separate Storm Sewer System
GLC	Glorious Lands Company	MVP	Mid-Valley Pipeline
GPM	Gallons Per Minute	MWD	Metropolitan Water District
GPS	Global Positioning System	NEPA	National Environmental Protection Act
GRF	Groundwater Replenishment Facility	NFIP	National Flood Insurance Program
GSA	Groundwater Sustainability Agency	NIRLs	Noninterference Review Letters
HDHP	High Deductible Health Plan	NPDES	National Pollutant Discharge Elimination System
HMO	Health Maintenance Organization	NPW	Nonpotable Water
HOA	Homeowners Association	O&M	Operations & Maintenance
HRDP	Human Resources Development Program	OMPR	Operation, Maintenance, Power, & Replacement
HVAC	Heating, Ventilation, and Air Conditioning	OPEB	Other Post-Employment Benefits
ICP-MS	Inductively Coupled Plasma Mass Spectrometry	OSHA	Occupational Safety & Health Administration
ID	Improvement District	PC	Personal Computer
IID	Imperial Irrigation District	PCD	Pressure Control Device
IM	Instant Messaging	PEPRA	Public Employee Pension Reform Act
IRWM	Integrated Regional Water Management	PFAS	Per- and Polyfluoroalkyl Substances
IS	Information Systems	PHG	Public Health Goal

ACRONYMS |

PLC	Programmable Logic Controller	SSO	Sanitary System Overflow
POS	Point of Service	SWP	State Water Project
PPO	Preferred Provider Organization	SWR	Stormwater Resources
PUC	Public Utilities Commission	SWRCB	State Water Resources Control Board
PVC	Polyvinyl Chloride	SWS	Small Water Systems
PWS	Public Water System	SWSC	Supplemental Water Supply Charge
QSA	Quantification Settlement Agreement	S&P	Standard & Poor's
RAC	Replenishment Assessment Charge	T1	Tertiary Plant 1
RAS	Return Activated Sludge	T2	Tertiary Plant 2
RCFCWCD	Riverside County Flood Control and Water Conservation District	TAF	Thousand Acre Feet
RDA	Redevelopment Agency	TEL	Thomas E. Levy Groundwater Replenishment Facility
RFP	Request for Proposal	TNI	The NELAC Institute
ROW	Right-of-Way	TSS	Total Suspended Solids
RTU	Remote Terminal Unit	UAL	Unfunded Accrued Liability
SBS	Sodium Bisulfate	UB	Utility Billing
SCADA	Supervisory Control and Data Acquisition	USBR	United States Bureau of Reclamation
SCAQMD	South Coast Air Quality Management District	USDA	United States Department of Agriculture
SCC	Sanitation Capacity Charge	USGS	United States Geological Survey
SCE	Southern California Edison	WAN	Wide Area Network
SCSH	Sun City Shadow Hills	WAS	Waste Activated Sludge
SDCWA	San Diego County Water Authority	WDOF	Water Demand Offset Fee
SEIS	Supplemental Environmental Impact Statement	WDR	Waste Discharge Requirement
SGMA	Sustainable Groundwater Management Act	WIFIA	Water Infrastructure Finance and Innovation Act
SLA	Service Level Agreement	WIMs	Water Information Management Solution
SLR	San Luis Rey River Indian Water Authority	WIIN	Water Infrastructure Improvements for the Nation Act
SMP	Stormwater Master Plan	WLAN	Wireless Local Area Network
SMPZ	Sky Mountain Pressure Zone	WRP	Wastewater Reclamation Plant
SNMP	Salt and Nutrient Management Plan	WSBFC	Water System Backup Facility Charge
SQFT	Square foot	WWRSC	Whitewater River Stormwater Channel
SRAB	Steve Robbins Administration Building		
SRF	State Revolving Fund		
SSMP	Sanitary Sewer Master Plan		

ACCRUAL BASIS OF ACCOUNTING. Method of accounting that recognizes the financial effect of transactions, events, and interfund activity when they occur, regardless of the timing of related cash flows. Revenues are recorded when earned, and expenses recognized when incurred.

ACTIVE. The asset is functioning.

ACRE-FOOT. A unit of volume of water in irrigation. The amount covering one acre to a depth of one-foot equals 43,560 cubic feet or 325,851 gallons.

ADEQUACY. 1. When the asset is able to do the job that it is assigned to do (e.g., flow capacity relative to required capacity); 2. Delivery of an acceptable quantity and quality of water at a suitable pressure in response to customer requirements.

ADVANCED TREATMENT. A treatment process that involves sophisticated methods to bring about high-quality water. Advanced treatment is often associated with drinking water, reuse, or wastewater treatment.

AERATION. A gas transfer unit process that allows for the absorption of gas (most commonly oxygen) by water.

AIR RELIEF VALVE. A valve that allows accumulating gases to escape at the top of the valve and seal closed when displaced by liquid.

ALL AMERICAN CANAL. An 80-mile (130 km) long aqueduct located in southeastern California. It conveys water from the Colorado River into the Imperial Valley and to nine cities. It is the Imperial Valley's only water source.

ALLUVIAL FAN. A fan- or cone-shaped deposit of sediment crossed and built up by streams.

ALLUVIAL FAN FLOODING. Flooding occurring on the surface of an alluvial fan or similar landform, which originates at the highest spot and is characterized by high-velocity flows; active processes of erosion, sediment transport and deposition; and unpredictable flow paths.

APPROPRIATION. Authorization of funds restricting expenditure to a designated purpose within a specified time frame.

APPURTENANCES. Something added to another, more important thing; an appendage.

AQUEDUCT. A conduit, at or above ground level, to convey water by gravity.

AQUIFER. An underground layer of water-bearing permeable rock or unconsolidated materials (gravel, sand, silt from which groundwater can be extracted).

ARCGIS ONLINE (AGOL). A geographic information system (GIS) for working with maps and geographic information. It is used for creating and using maps, compiling geographic data, analyzing mapped information, sharing and discovering geographic information, using maps and geographic information in various applications, and managing geographic information in a database.

ARTESIAN WELL. A well in which water flows to the surface under natural pressure without pumping.

ASSET. Anything of value, such as an area of land, a building, an item of plant or equipment, or infrastructure that provides service potential or future economic benefits over a period greater than one year and has a material cost (at least \$10,000). Assets are typically classified as physical, financial (e.g., cash, stocks, debt instruments), or intangible (e.g., intellectual property, goodwill).

ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA). Largest statewide coalition of public water agencies in the country that was formed to provide comprehensive leadership, advocacy, and resources for California public water agencies to ensure a high quality and reliable water supply in an environmentally sustainable and fiscally responsible manner.

AUTOMATED METER READER (AMR). A method of conveying water meter readings without interfacing directly with the meter or a contact point, usually through radio transmitters.

BALANCED BUDGET. The District's current operating expenses will be paid from current revenues and reserves carried forward from the prior year.

BIOLOGICAL OXYGEN DEMAND (BOD). The analytical parameter represents the amount of dissolved oxygen consumed by aerobic bacteria growing on the organic material present in a water sample at a specific temperature over a specific time period.

BIPARTISAN INFRASTRUCTURE LAW (BIL). Law signed by the White House in mid-November 2021 allowing for an investment in the nation's infrastructure, including investments in drinking water and wastewater infrastructure.

BIOSOLIDS. Nutrient-rich organic materials resulting from the treatment of domestic sewage in a treatment facility.

BLOWER. Mechanical equipment used to pump air.

BUREAU OF RECLAMATION (USBR), FORMERLY THE UNITED STATES RECLAMATION SERVICE. An agency under the U.S. Department of the Interior that oversees water resource management, specifically as it applies to the oversight and/or operation of numerous diversions, delivery, and storage projects it built throughout the western United States for irrigation, water supply, and attendant hydroelectric power generation.

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA). A California statute passed in 1970, shortly after the United States federal government passed the National Environmental Policy Act (NEPA), to institute a statewide policy of environmental protection. CEQA does not directly regulate land uses but instead requires state and local agencies within California to follow a protocol of analysis and public disclosure of the environmental impacts of proposed projects and adopt all feasible measures to mitigate those impacts.

CHANNEL. An open (nonpressurized) waterway that conveys water between two points.

CHECK VALVE. A controlling device connected to a pipe that only permits flow in one direction.

CHLORINATION. The process of adding the element chlorine to water for oxidation and disinfection. Chlorine systems can use chlorine gas, hypochlorite solution, or onsite hypochlorite generation.

CHLORINATOR. A device used to add chlorine to water.

CHROMIUM-6 (CR-6). A form of the metallic element chromium found naturally in common minerals. Also known as hexavalent chromium.

CLASSIC MEMBER. An existing CalPERS member as of December 31, 2012, or a member that has a break in service of more than six months but returns to service with the same employer.

COACHELLA CANAL. A 123-mile (196 km) aqueduct that conveys Colorado River water for irrigation from the All-American Canal to the Coachella Valley in Riverside County, California.

CONTROLLER. A device that controls the starting, stopping, or operation of a device or piece of equipment.

CONVEYANCE SYSTEM. The combination of assets used to deliver an adequate supply of the selected material (water) from one point to another. The conveyance can include piping, pumps, controls (valves), and storage.

COOLING TOWER. A tower-like device in which atmospheric air circulates and cools warm water, generally by direct contact (evaporation).

COVID-19. Coronavirus Pandemic

DELIVERY SYSTEM. The piping, valves, and related assets that convey water from one point in the operation to another. For example, a delivery system can take water from the intake to the plant or from the plant to the customer.

DEPRECIATION. The reduction in value of a long-lived asset from use or obsolescence. A periodic allocation of the asset's original cost to current operations on an income statement recognizes the decline in value. The District does not show depreciation on its budgetary Statement of Revenues, Expenses, and Changes in Reserve because it is not a cash item.

DIFFUSER. A device to inject a gas or liquid into water so that it disperses evenly.

DOWNTIME. The time that water mains or service lines are unavailable for use. Can be a function of a failure and the time to restore service, or can refer to the time required to renew the main or service.

DRAIN. A gravity system that carries water from a higher flow level to a lower level, usually via a pipe.

EFFECTIVE UTILITY MANAGEMENT (EUM). A nationally recognized framework designed to help water and wastewater utility managers make practical, systematic changes to achieve excellence in utility performance.

EFFLUENT. An outflow or discharge of liquid waste from a sewer or sewage system.

ENTERPRISE FUND. Proprietary fund type used to report an activity for which a fee is charged to external users for goods or services.

ENVIRONMENTAL PROTECTION AGENCY (EPA OR SOMETIMES USEPA). An agency of the United States federal government which was created for the purpose of protecting human health and the environment by writing and enforcing regulations based on laws passed by Congress.

FILTER. A unit designed with a physical barrier (media or screen) to remove particulate matter from a liquid stream but allows a stream to pass through. May operate by gravity or applied pressure.

FOREBAY. A small reservoir at the head of the pipeline that carries water to the consumer.

FULL-TIME EQUIVALENT (FTE). A measure of labor requirement equal to the full-time use of one worker (e.g., one person full-time or two people half-time).

FUND. Fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources, including all related liabilities and residual equities or balances, with changes segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations, restrictions, or limitations.

GAUGE. A device or instrument for measuring and registering a physical property (e.g., pressure gauge).

GEOGRAPHIC INFORMATION SYSTEM (GIS). A computer system for capturing, storing, checking, and displaying data related to positions on the Earth's surface.

HEADWORKS. Structures and devices located at the diversion point of a pipe, channel, or treatment process. The beginning or point of origin of a treatment process.

HYDRAULIC. Operated by the pressure created by forcing water through a comparatively narrow pipe or orifice.

HYDROLOGIC. Of or dealing with the science of occurrence, circulation, distribution, and properties of the waters of the earth and its atmosphere.

HYDROPNEUMATIC. Of, relating to, or operating by means of both water and air or other gas.

INFLUENT. A stream of liquid that enters a location, such as a water plant intake.

INTAKE. A structure or device placed in a surface water source to permit the withdrawal of water.

INTERRUPTION. An event in which the customer is deprived of a proper level of service. For water service, it typically implies a loss of flow and pressure to a few customers for brief periods.

ION EXCHANGE. A reversible chemical process to exchange ions in solution with ions from an insoluble solid medium.

LAGOON. A detention or holding pond used to contain sludge that may promote evaporation, sedimentation, or biological oxidation.

MANHOLE. The opening in a vault to allow access for maintenance, inspections, and operations to pipelines. In sewer lines, this can interface directly with the run of flow through adjacent sewer pipe.

METER. A device that measures and records the quantity of a substance, such as water or energy, that has passed through it during a specified period.

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA (MWD). The largest supplier of treated water in the US. It is a cooperative of 14 cities and 12 municipal water districts that indirectly provides water to 18 million people in its 5,200-square-mile (13,000 km²) service area.

ODOR CONTROL. The elimination of odors by aeration, chemical oxidation, adsorption, or other means.

OFFSET. A reduction in one or more budget line items (accounts).

OUTAGE. An event in which the customer is deprived of a proper level of service. For water service, it typically implies loss of flow and pressure to multiple customers for extended periods.

OVERFLOW. A sewer overflow is a discharge of untreated, raw sewage into local waterways. Overflows occur when there is too much wastewater for the sewer system or treatment plants to handle, such as after heavy rainstorms.

PEAK DEMAND. The experienced or calculated maximum required to manage wastewater or delivery of water expressed as a unit of time (year, month, day, hour, minute).

PEPRA MEMBER. A new hire who has no prior membership in any California public retirement system prior to January 1, 2013, or who is rehired by a different CalPERS employer after a break in service of greater than six months.

PER-AND POLYFLUOROALKYL SUBSTANCES. A synthetic organofluorine chemical compound that has multiple fluorine atoms attached to an alkyl chain.

PIPE. A conduit that conducts or diverts water from one location to another.

PRESSURE ZONE (PZ). An area within a distribution system in which the pressure is maintained by pumps, tank levels, or regulators independent from any adjacent pressure zone (separated by valves).

PUMP. A mechanical device for raising or lifting water, pushing it, and changing flow and pressure.

PUMP STATION. A structure containing pumps, appurtenant piping, valves, and other mechanical and electrical equipment for pumping raw water. Also called a lift station.

QUAGGA MUSSEL. A subspecies of freshwater mussel, an aquatic bivalve mollusk. It is one of seven *Dreissena* species and has an average life span of 3 to 5 years. Quagga Mussels were discovered in Lake Mead on January 6, 2007, and all reservoirs, lakes, and watersheds receiving raw Colorado River water have been exposed to Quagga Mussels.

QUALITY. Measures the performance of assets to perform their function toward meeting regulatory and nonregulatory goals; these are often associated with water quality.

QUANTIFICATION SETTLEMENT AGREEMENT (QSA). An agreement ratified in October 2003 quantifies Colorado River water allocations to California water contractors for 75 years, allowing for water transfer between agencies. CVWD received a base allocation of 330,000 af/yr under the QSA.

REDEVELOPMENT AGENCY (RDA). Created to improve, upgrade, and revitalize areas within the City that had become blighted because of deterioration, disuse, and unproductive economic conditions. It is a legal and separate public body with separate powers and a separate budget from the City. In February 2012, all Redevelopment Agencies within the State of California were dissolved.

REGULATOR. A device for controlling flow, movement, or pressure.

RELIABILITY. The probability that a system performs a specified function or mission under given conditions for a prescribed time.

REPLENISH. A hydrologic process where water, usually from an imported source, is moved through layers of sand, dirt, and rock to groundwater.

RESERVES. The amount of cash and investments in a fund, plus the accounts receivable, less the accounts payable, and amounts due to others in that fund.

RESERVOIR. An impounded body of water or controlled lake in which water can be collected and stored.

SACRAMENTO-SAN JOAQUIN RIVER DELTA OR CALIFORNIA DELTA. An expansive inland river delta and estuary in Northern California. The Delta is formed at the western edge of the Central Valley by the confluence of the Sacramento and San Joaquin rivers, lying just east of where the rivers enter Suisun Bay.

SCREEN. A device to retain or remove debris and suspended solids.

SEPTAGE RECEIVING FACILITY. A structure used to accept and process septic system waste.

SERVICE LINE. Pipe from the common distribution main to provide water to individual customers for domestic or fire service.

SIPHON. A closed conduit in which enough pressure is created to permit a fluid to flow upward and then transfer across a higher elevation to a discharge point at a lower elevation.

SLUDGE. The by-product of drinking water and wastewater treatment processes that contains most of the solids (residuals). Sludge contains water, and many processes are used to remove the sludge from the liquid treatment and significant portions of the water in the by-product.

STATE WATER PROJECT (SWP). The world's largest publicly built and operated water and power development and conveyance system. The project's original purpose was to provide water for arid Southern California, which lacks adequate local water resources to provide for the growth the region has experienced.

STORAGE. A vessel that can provide a readily available water supply and can be used to account for variations in demand.

STORAGE TANK. A container for storing liquids or gases.

SUBBASIN. A geologic basin formed within or as part of another basin.

SUBMERSIBLE PUMP. A device designed to fit inside a tank or well casing used to operate below the water level and lift water to facilities above ground or directly to customers.

SUBSIDENCE. The gradual sinking of landforms to a lower level resulting from earth movements.

SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA). A computer-monitored alarm, response, control, and data acquisition system used by drinking water facilities to monitor operations.

SUPPLEMENTAL REQUEST. A budget request for funds to purchase items that exceed a department's base budget. A supplemental request may be recurring or nonrecurring.

TANK. A vessel or container used to hold water or other liquid.

TELEMETRY. Communication technologies that allow the remote measurement and status reporting of information.

TOTAL SUSPENDED SOLIDS (TSS). Dry-weight of suspended particles that are not dissolved in a water sample that a filter can trap.

TRANSMISSION MAIN. A large water main transports water from the main supply or source to a distant area where the water is further distributed. Finished water transmission mains usually have no or few connections.

TUNNEL. An underground passage for conveyance of water, vehicles, piping, or conduit.

VALVE. A device to regulate or isolate the flow of water.

VAULT. An underground structure to house pumps, meters, etc.

WASTEWATER TREATMENT. The planned actions taken on sewer discharges that may remove solids, particulate matter, and chemical contaminants or render biological organisms inert for placement of water back into the environment and proper handling of sludge.

WATER DISTRIBUTION. A network of pipes, pumps, and storage facilities to transport potable water from the source or treatment facility to the consumer.

WATER METER. A device designed to measure flow passing through it accurately. Meters are of various types and materials and function with accuracy within certain flow ranges.

WATER QUALITY. Various measures by which materials (contaminants) and appearance (aesthetics) are compared against what are considered appropriate levels for acceptable water.

WATER QUALITY MONITORING. Instrumentation for measuring the quality of water.

WATERSHED. The area of land that catches rain and snow, and drains or seeps into a marsh, stream, river, lake, or groundwater aquifer.

WATER TENDER. A trailer with a small pump used to store water. It provides water to affected customers during emergency water outages and for community outreach and special events.

WATER TREATMENT. Any process that intentionally alters and improves the chemical, biological, or physical characteristics of water.

WELL. 1. A subsurface water source generally accessed through a drilled casing and pipe into the aquifer; 2. The entire system of the underground water source, pipe casing, pump, etc. Also called a borehole.

WELLHEAD PROTECTION. A system of deterrents to guard against potential groundwater contamination through the well casing. Includes well curb or cap, fences, etc.

WET WELL. A chamber in which water or wastewater is collected and to which a suction pump is connected.

WETLAND. An area saturated by surface or groundwater at sufficient frequency and duration to support vegetation adapted for life in saturated soil conditions.

WHITEWATER RIVER. A small permanent stream in western Riverside County and southwestern San Bernardino County, California.

WHITEWATER RIVER STORMWATER CHANNEL. The naturally occurring portion of the storm channel that runs from the Whitewater area north of Palm Springs to Washington Street.

WORKING CAPITAL. The amount of cash and investments in a fund, plus the accounts receivable, less the accounts payable and amounts due to others in that fund. Also referred to as reserves

2023 *by the* NUMBERS

MG: Million gallons | MGD: Million gallons per day | AF: Acre-feet

569 full-time & **2** part-time
employees budgeted as of
6/30/2024

\$85,407,828,938
Combined assessed valuation for
property within the CVWD service
boundaries as of 6/30/2024

DOMESTIC (DRINKING) WATER

SERVICE INFORMATION

Population Served	270,000
Active Accounts ¹	114,196
Average Daily Demand	75.9 MGD
Total Water Delivered	85,014 AF

SYSTEM INFORMATION

Active Wells	93
Total Daily Well Pumping Capacity	234 MGD
Distribution Reservoirs	68
Storage Capacity	174.2 MG
Distribution Piping System	2,052 Miles

AGRICULTURAL DRAINAGE

Total on-farm drains	2,298 Miles
Acreage with farm drains	37,425 Acres
District open drains	21 Miles
District pipe drains	166 Miles

GROUNDWATER MANAGEMENT

In cooperation with Desert Water Agency

Replenishment facilities	4
Replenishment from imported water	238,275 AF
Imported supply since 1973 through 2023	4,800,758 AF

CANAL WATER

SERVICE INFORMATION

Irrigable Acres for Service	77,174
Active Accounts	1,381
Total Water Delivered	278,030 AF
Average Daily Demand	872 AF
Maximum Daily Demand	1,510 AF

SYSTEM INFORMATION

Reservoirs	6
Storage Capacity	1,386 AF
Distribution System	503 Miles
Pumping Plants	20
Length of Canal	123 Miles

BLENDED, MVP, RECYCLED WATER²

SERVICE INFORMATION

Active Accounts	24
Average Daily Flow	11.36 MGD
Total Blended & MVP Water Supplied:	20 MGD

SYSTEM INFORMATION

Wastewater Reclamation Plants	2
Total Daily Tertiary Capacity	17.5 MGD
Distribution Piping System	38.5 Miles



STORMWATER PROTECTION

SERVICE INFORMATION

Service Area	381,479 acres
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SYSTEM INFORMATION

Stormwater Channels	18
Length of Whitewater River/ Coachella Stormwater Channel	50 Miles
Length of all Regional Flood Protection Facilities	169 Miles

WASTEWATER

SERVICE INFORMATION

Population Served	250,000
Active Accounts	105,203
Average Daily Flow	17.11 MGD

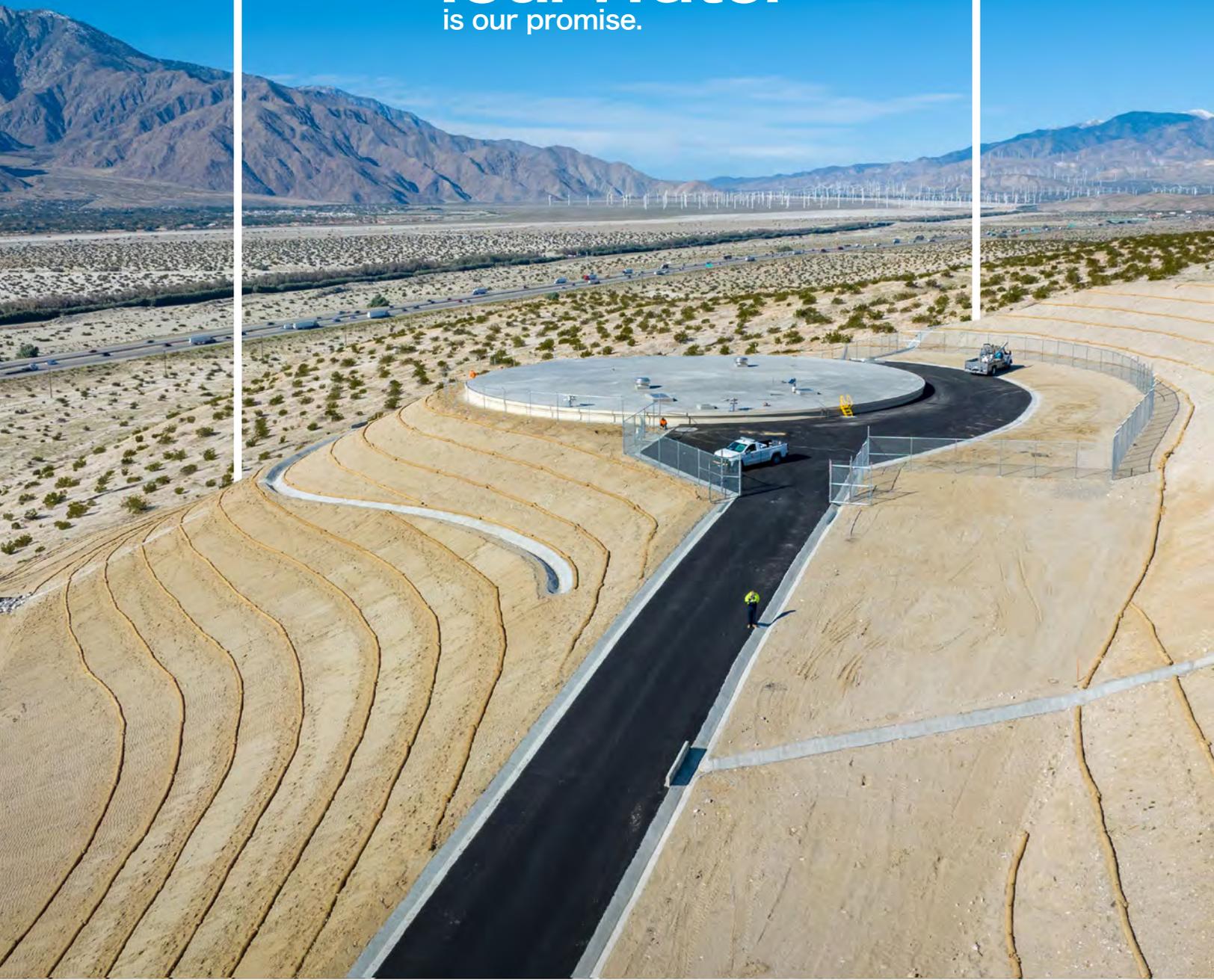
SYSTEM INFORMATION

Wastewater Reclamation Plants	5
Total Daily Plant Capacity	33.1 MGD
Collection Piping System	1,173 Miles

¹The number of active service connections excludes fire service.

² **Blended:** Recycled water blended with Colorado River water
MVP: Colorado River water accessed from the Mid-Valley Pipeline
Recycled: Reclaimed wastewater from Wastewater Reclamation Plants 7 and 10

YourWater
is our promise.



COACHELLA VALLEY WATER DISTRICT

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