

# **COACHELLA VALLEY WATER DISTRICT**

**GENERAL MANAGER'S  
REPORT OF ACTIVITIES  
FOR  
DECEMBER 2022**



## Table of Contents

	<u>Page</u>
<b>ADMINISTRATION</b>	
Colorado River Issues .....	3
Colorado River Water Utilization Tracking .....	6
State Water Project .....	7
<b>ENGINEERING</b>	
Development Services .....	9
Domestic Water Meter Installations .....	10
Energy .....	36
Groundwater Replenishment .....	37
Non-Potable Water Projects .....	39
Stormwater Projects .....	64
<b>ENVIRONMENTAL SERVICES</b>	
Canal Water Salinity Analyses .....	66
Environmental Management .....	67
Laboratory .....	70
Regional Water Resources Planning .....	71
Salton Sea .....	73
<b>FACILITIES MAINTENANCE</b>	
Canal Water .....	74
Storm Water and Drainage .....	74
<b>FINANCE</b>	
Budget/Finance .....	76
Canal Water Fund .....	77
Domestic Water Fund .....	78

Capital Improvement .....79

    Grant/ Loan Status .....95

    Cash & Investments.....108

    OPEB Trust .....113

    Procurement .....114

HUMAN RESOURCES

    Human Resources .....115

    Incident Reports .....116

    Litigation .....117

    Safety .....119

INFORMATION SERVICES

    General Activity .....120

    Cyber Security .....121

    Service Requests .....122

OPERATIONS

    Domestic Water .....125

    Domestic Water Turnoffs .....126

    Non-Potable Water.....131

    Wastewater Reclamation Plant .....133

SERVICE & COMMUNICATION

    Customer Service .....134

    Customer Billing .....135

    Public Outreach: Advertising/ Media Coverage/ social media .....137

    Government Affairs Work .....142

    Water Management .....144

## ADMINISTRATIVE SERVICES

This Division of the Administration Department Manages the District's sources of imported water, which is used directly for irrigation and groundwater replenishment purposes.

### Colorado River Issues

#### **Colorado River Board**

The Colorado River Board of California (Board) meeting was held on December 14, 2022.

#### **Colorado River Basin Water Supply Conditions Report**

As of November 7, the surface water elevation of Lake Powell was 3,529.70 feet with nearly 5.82 million-acre feet (MAF) of storage, or 25% of capacity. The surface water elevation of Lake Mead was 1,045.29 feet with 7.35 MAF of storage, or 28% of capacity, the total System storage was 19.36 MAF, or 33% of capacity, which is about 3.15 MAF less than the total System storage at this time last year.

#### **Status of the Glen Canyon Dam Adaptive Management Program**

The Technical Work Group of (TWG) of the Glen Canyon Dam Adaptive Management (GCDAMP) met virtually in October. Smallmouth bass, a non-native predator in the Upper Basin, has been detected below Glen Canyon Dam to approximately 15 miles below the dam. There is much concern about the fish spreading throughout the Grand Canyon ecosystem. There are several activities going on to limit their spread and there may be a NEPA update for the LTEMP; releasing water through the bypass tubes at Glen Canyon Dam would yield cooler water and less entrainment of fish through the dam; however, this would have an impact on hydropower. Spike flows, similar to ones that have been attempted in the Upper Basin, are being considered, as a means to disrupt smallmouth bass reproduction. Installation of nets and bubble nets to deter fish passage through the dam are also being considered.

The National Park Service is conducting biweekly electrofishing throughout the Lees Ferry Region and there was a chemical treatment of a backwater where smallmouth bass were known to be located. The monsoons brought enough sediment to trigger a potential high flow experiment (HFE); however, there were concerns that such an experiment would distribute smallmouth bass further downstream. Consideration of experiments will likely be conservative until more is learned about the potential effect on the non-native fish.

#### **Status of the Lower Colorado River Multi-Species Conservation Program**

The Steering Committees of the Lower Colorado River Multi-Species Conservation Program (LCR MSCP) met on October 26. The Bureau of Reclamation (Reclamation) provided an update regarding work with the U.S. Fish and Wildlife Service to increase coverage for reductions in flow to 1.574 MAF in areas covered by the LCR MSCP that currently have coverage for 800 KAF. The 800 KAF limit on reductions has not been reached in the past; however, more coverage could be needed to reduce flows to meet goals being considered. The coverage is necessary to account for environmental implications of leaving water in Lake Mead that would otherwise be flowing down the river; a



Biological Opinion is currently being finalized.

The Southern California Public Power Authority (SCPPA) is intending to withdraw from the LCR MSCP. SCPPA represents smaller power contractors but is not a power contractor itself. The smaller agencies will need to join the LCR MSCP's funding agreement. The withdrawal will be evaluated over the next six months. The Metropolitan Water District of Southern California helped prepare the initial funding agreement and that he thinks we need to get the California parties together to figure out how to proceed.

### **General Announcements and Updates**

#### **Department of Interior Notice of Intent to Prepare a Supplemental Environmental Impact Statement**

On October 28, 2022, the Department of Interior published a Notice of Intent (NOI) to Prepare a Supplemental Environmental Impact Statement (SEIS) for the December 2007 Record of Decision entitled Colorado River Interim Guidelines for Lower Basin Shortages and Coordinated Operations for Lake Powell and Lake Mead. The NOI includes proposed alternatives to revise the December 2007 Record of Decision associated with the Colorado River Interim Guidelines. The 2007 Interim Guidelines provide operating criteria for Lake Powell and Lake Mead, including provisions designed to provide a greater degree of certainty to water users about timing and volumes of potential water delivery reductions for the Lower Basin States, and additional operating flexibility to conserve and store water in the system.

The NOI outlines that, in order to ensure that Glen Canyon Dam continues to operate under its intended design, Reclamation may need to modify current operations and reduce annual Glen Canyon Dam downstream releases, thereby impacting downstream riparian areas and reservoir elevations at Lake Mead. Additionally, to protect Hoover Dam operations, system integrity, and public health and safety, Reclamation may need to also modify current operations, potentially including additional water use reductions for the three Lake Mead shortage tiers and reducing annual Hoover Dam downstream releases.

### **Washington, D.C. Report**

#### **Inflation Reduction Act (IRA) Implementation**

On October 12, the Department of the Interior announced a funding opportunity through the IRA which includes \$4 billion for water management and conservation efforts in the Colorado River Basin and other areas experiencing similar levels of drought. Coachella Valley Water District recently participated in this opportunity. The system conservation proposal must create wet water in Lake Mead and will be funded at a set price based on the length of the agreement. DOI will also solicit longer-term durable system efficiency projects in 2023, such as canal lining, re-regulating reservoirs, turf removal, salinity projects and other infrastructure.

On October 25, Senator Mark Kelly (D-AR) wrote a letter urging the DOI to outline actions it can take to compel a Basin-wide agreement that ensures the stability of the Colorado River system.

Senator Kelly also urged the DOI to withhold money for the Salton Sea drought mitigation until California agrees to use less of its share of the 12 Colorado River and to examine water losses in California due to evaporation and the state's reliance on surplus water credits to meet its conservation goals. California Natural Resources Agency (CNRA) Secretary Crowfoot responded to the Mr. Kelly's letter in an October 27 letter.

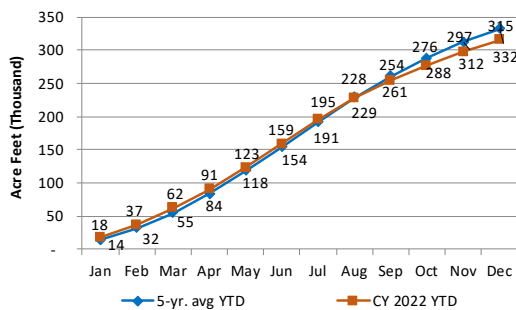
**Colorado River Water CY 2022 (acre-feet)**

Month	CVWD Water Order (1)	Diversion at Imperial Dam (2)	USBR Measured Returns (3)	USBR Consumptive Use (4=2-3)	Over (Under) Water Order (5=4-1)
Jan	17,000	21,461	1,246	20,215	3,215
Feb	25,000	21,577	1,354	20,223	(4,777)
March	30,000	27,891	1,351	26,540	(3,460)
April	33,000	30,530	1,714	28,816	(4,184)
May	41,000	35,379	2,055	33,324	(7,676)
June	41,000	37,512	2,121	35,391	(5,609)
July	42,000	39,275	1,850	37,425	(4,575)
Aug	42,000	38,796	2,678	36,118	(5,882)
Sept	33,000	29,850	1,765	28,085	(4,915)
Oct	32,000	25,353	1,219	24,134	(7,866)
Nov	30,000	24,549	1,226	23,323	(6,677)
Dec	18,000	19,053	807	18,246	246
<b>Total</b>	<b>384,000</b>	<b>351,226</b>	<b>19,386</b>	<b>331,840</b>	<b>(52,160)</b>

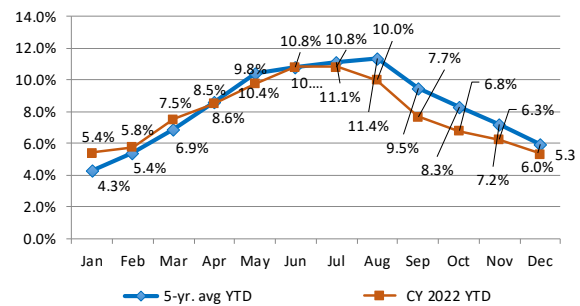
**Canal Water Usage by Type (acre-feet)**

Month	Agriculture	Construction	East Valley		Mid Valley Pipeline	Other Recreation	TEL Recharge	Regulatory Spill	YTD Actual	
			Golf						Monthly Billed Consumption	Billed Consumption
Jan	11,961	18	847	997	260	3,251	638	17,972	17,972	
Feb	13,143	98	1,093	1,088	253	2,938	560	19,173	37,145	
March	17,187	53	1,592	2,065	361	3,230	581	25,069	62,214	
April	20,089	38	2,121	2,071	330	3,169	523	28,340	90,554	
May	22,812	84	2,474	2,744	594	3,169	641	32,518	123,072	
June	25,840	141	2,727	2,919	709	3,162	453	35,950	159,022	
July	25,452	132	2,877	3,019	743	3,276	495	35,994	195,016	
Aug	23,549	146	2,535	2,532	707	3,307	534	33,310	228,326	
Sept	18,854	103	1,504	1,526	529	2,491	576	25,583	253,909	
Oct	17,230	74	1,790	2,226	750	0	464	22,534	276,443	
Nov	16,818	23	1,402	1,615	451	0	474	20,783	297,226	
Dec	14,812	15	891	1,201	359	0	476	17,754	314,980	
<b>2022 Total</b>	<b>227,747</b>	<b>925</b>	<b>21,853</b>	<b>24,002</b>	<b>6,045</b>	<b>27,993</b>	<b>6,415</b>	<b>314,980</b>	<b>314,980</b>	
2021 Total	242,445	253	21,279	23,126	6,149	37,971	6,925	338,148	338,148	
2020 Total	243,095	450	19,620	22,774	5,474	37,536	8,524	337,473	337,473	
2019 Total	240,803	633	17,966	19,675	4,983	36,143	6,907	327,110	327,110	
2018 Total	254,132	601	18,969	12,058	4,447	33,348	5,400	328,955	328,955	
2017 Total	250,661	650	20,729	12,288	4,805	34,614	6,049	329,796	329,796	

**Canal water usage (acre-feet)**



**Canal water usage (% of total 5-yr. avg)**



**WATER ORDERED**

	<u>CUBIC FEET PER SECOND</u>	<u>DATE</u>
Average	286 cfs	
High	375 cfs	12/18/2022
Low	100 cfs	12/24/2022

## State Water Project

### State Water Contractors

The State Water Contractors (SWC) regular Board of Directors (Board) meeting was held on December 15, 2022.

The following actions were taken at the Board meeting upon motions duly made, seconded, and unanimously passed.

- Approved the Consent Calendar, including the draft Board Minutes for the November 17, 2022, meeting; Board Actions: 2-1 VA Adaptive Management-Related Expenses; 2-2 Accept Cost Share from MWD for Interior Delta Export Effects Prop 1 Study; and 2-3 SWC 2022 Dry Year Transfer Program Resolution; the November 30, 2022, Financial Report; and the Consultant Reports through November 2022.
- Authorized the General Manager to not collect the second Dues collection for the 2022-23 Budget.
- Authorized the SWC staff to conduct an SWC science proposal solicitation process Q1-Q2 2023 in an amount of \$3,050,000.

### State Water Project (SWP) Operations Report

#### Drought Update

With the close of water year 2022 as critically dry, California has experienced its third consecutive dry year. Entering 2023 with the possibility of another dry year occurring, in a Notice to the SWC dated December 1, 2022, the Department of Water Resources (DWR), announced that the State Water Project initial 2023 Table A allocation is 5% with SWP Human Health and Safety needs.

In determining available SWP supplies, DWR has considered several factors including SWP contractors' projected 2023 demands, existing storage in SWP conservation facilities, estimates of future runoff under very dry conditions, 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's authority. DWR may revise the SWP allocation if warranted by the year's developing hydrologic conditions and available SWP water supplies.

Reservoir conditions throughout the system remain below average for this time of the year. As of December 13:

- Lake Oroville was at 1.024.8 million acre-feet (MAF) or 29% of capacity (57% of historical average); releases were at 950 cfs.
- San Luis was at 0.533 MAF or 26% of capacity (46% of historical average)

### Oroville Spillways Emergency Recovery Project (No change in status)

In May 2017, the 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 \$1.186 billion (B) over the two years following the February 2017 storm that damaged the main and emergency spillways.

To date, the DWR has received \$477 million (M) in cash for the Oroville Spillway event from Federal Emergency Management Agency (FEMA). The DWR applied for additional \$100 M reimbursement, which was denied. The DWR appealed FEMA's decision, but the appeal was denied as well. DWR's FEMA appeal for the \$100 M emergency spillway costs is ongoing.

The total Oroville costs for the 2022 SWP Statement of Charges (SOC) is \$529 M. These costs are being collected through the Delta Water Charge - capital component. If more FEMA funds are received than anticipated, it would result in an offset to the Delta Water Rate and reduce the rate in the outgoing years.

#### **Perris Dam Seepage Recovery Project (No change in status)**

CVWD's Board approved participation in the DWR's funding agreement for preconstruction activities of the Lake Perris Seepage Recovery Facilities (Project), at an estimated cost of \$12.6 M. Based on the percentages for repayment Reach 28J under CVWD's Water Supply Contract, CVWD's share of the estimated preconstruction cost of the Project is approximately \$4.1 M (32.33% of the total cost).

The construction costs will be covered in a separate agreement. The total estimated cost of the Lake Perris Seepage Recovery Facilities is \$28.7 M, which does not include costs incurred by The Metropolitan Water District (MWD) for planning, design, and construction of MWD's delivery facilities from the turnout to the Colorado River Aqueduct. These costs will be allocated and paid according to a separate agreement and are estimated to be \$4.7 M.

#### **Delta Conveyance Project**

CVWD's Board has supported measures to ensure the reliability of delivery of CVWD's contracted-for water (also known as Table A). As part of this effort, CVWD's Board approved participation in the twin-tunnel California WaterFix project in 2017, which was revised to a proposed single-tunnel Delta Conveyance Project (Conveyance Project) in 2020. Currently, CVWD's participation in the Conveyance Project is 3.78% of total and funding has been approved through 2024 for the planning and design phase.

On July 27, 2022, the DWR released the Draft Environment Impact Report (EIR) for the Conveyance Project, marking a major step in evaluating a key strategy to adapt to a changing climate and provide clean, reliable water for future generations. The Draft EIR public review and comment period closed on December 16, 2022. DWR is in the process of reviewing and responding to substantive comments received on the Draft EIR and plans to issue a Final EIR in late 2023. At that time, DWR will determine whether to approve the proposed project, an alternative or no project.

# ENGINEERING

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

**Developer Work:**

	12 Month Total	12 Month Average	This Month
Stub-out Connection	35	3	5
Detector Check	18	2	0
Fire Hydrant	11	1	0
Service Line	228	19	11
Sewer Lateral	0	0	0

**DEVELOPMENT PROJECTS**

The following updates pertain to development projects that have involved CVWD services during the previous three (3) years from the date of this General Manager’s Report. A summary for each project is provided by city.

**Bermuda Dunes**

**Projects with Activity:** *The following projects involved CVWD services during the month of the date of this General Manager's Report.*

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<b>Volare Development</b> <i>Tract Map 37735</i> 18 residential units. (3.58 acres)	SW corner Hopewell Avenue and Bowden Drive	Processing sewer hydraulic modeling request.	None	None	None

**Projects without Activity:** *The following projects did not involve CVWD services during the month of the date of this General Manager's Report. Projects without CVWD activity remain on this list for no more than three years.*

None

**CATHEDRAL CITY**

**Projects with Activity:** *The following projects involved CVWD services during the month of the date of this General Manager's Report.*

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<b>Acrisure Arena*</b> <i>Parcel Map 38040</i> 300,000 square foot sports and events arena. (70 acres) <i>*Project is located within Riverside County and the Cathedral City sphere of influence.</i>	SE portion of the NorthStar development at the NW corner of Avenue 38 and Varner Road	Well site improvement plan in final plan check. Building meters, fire protection meters, 2 of 3 irrigation meters installed. First Amendment to Special Agreement approved by CVWD Board on December 13, 2022. Agreement recorded with county on December 21, 2022. Staff working on invoice for cooling tower meter.	Sewer installation is 90% complete. Water installation is 90% complete.  Progressed for fire protection on September 20, 2022.	Staff processing water easement and well site deed.	H&H design and plans approved. LOMR currently with FEMA for review and approval. Engineering will perform additional hydraulic modeling to confirm EDU’s and reservoir storage requirements.
<b>Mountain View Estates</b> <i>Tentative Tract Map 37755</i> 110 residential units. (26 acres)	Santoro Road, between Ramon Road and McCallum Way	None	None	None	None
<b>Rancho Vista Drive</b> <i>Tract 37903</i> Three residential units. (0.88 acres)	Rancho Vista Drive, south of 33 <sup>rd</sup> Ave	All meters installed.	Sewer installation is 90% complete.	None	None

<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>Reflections at Cimarron</b> <i>Tract 38137</i> Fourteen residential units. (3.75 acres)	McCallum Way, east of Peggy Way	Domestic water and sewer plans in plan check.	None	None	None
<b>Rio Del Sol</b> <i>Tract 28561</i> 277 residential units. (50.21 acres)	Gerald Ford Drive, west of Da Val Street	Phase 1-3 water and sewer plans in plan check. Developer working on easement requirements for CVWD future infrastructure. Off-site well site plans released for construction. Developer requesting meters for existing lots.	None	Staff working on easement.	None
<b>Sunniva Ramon 19 Cannabis Cultivation</b> Project is under new ownership. 489,000 square-foot cannabis cultivation building. (19.14 acres)	South of Ramon Road, adjacent to the Outdoor RV Resort	None	None	Staff coordinating a wrought iron fence installation within CVWD well site's north wall.	None
<b>Verano (Formerly known as Rio Vista)</b> <i>Tract 32858</i> 1,362 single and multi- family units, commercial use, and an elementary school. (303 acres)	Verona Road and Landau Boulevard	On December 20, 2022, meeting with developer and their engineer to discuss well site improvement requirements.	Contractor grading access road up to the reservoir. Concrete for reservoir tank bottom poured.	None	Engineering is assisting with overseeing the construction of the new reservoir. Grading activities have started.
<b><i>Projects without Activity:</i></b> The following projects did not involve CVWD services during the month of the date of this General Manager's Report. Projects without CVWD activity remain on this list for no more than three years.					
<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>Campanille</b> <i>Tract 31774</i> 285 single-family residential lots. (68 acres)	East of Date Palm Drive and north of Ramon Road	CVWD is issuing meters upon request.	None	None	None



Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<b>Glass House Pharms</b> Nine 500,000 square foot commercial buildings, four logistic buildings, and one administration building for cannabis cultivation. (293 acres)	South of Varner Road, approx. 7,000 feet west of Rio Del Sol Road	Meeting held on June 16, 2020, to discuss project phasing. No CVWD plan check activity since July 2020.	None	Easement pending required submittals.	Plan under review. No hydrology and hydraulics submittal since April 2020.
<b>Ivey Palms Development</b> <i>Tract 37434</i> Over 1,000 residential units. (215 acres)	West of the existing Jack Ivey Ranch Development	Developer’s engineer continues work on project’s stormwater hydrology. No CVWD plan check activity since February 2021.	None	None	Plan under review. No hydrology and hydraulics submittal since January 2020.

**COACHELLA**

**Projects with Activity:** *The following projects involved CVWD services during the month of the date of this General Manager's Report.*

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<b>Avenue 50 Bridge over CVSC</b>	Avenue 50 over the CV Stormwater Channel	Staff is drafting a cooperative agreement with the City of Coachella.	None	Staff processed temporary permit extension for studies.	Comments on the hydrology and hydraulics analysis returned to applicant. The 65% design plans submitted to CVWD and are under review. CV Link consultant has received comments from CVWD on an access design from Avenue 50 where CVWD typically takes access to the CVSC. This access point crosses the planned CV Link. Comments sent to applicant.
<b>Coachella Airport Business Park</b> Multiple warehouse buildings for cannabis cultivation, self-storage units, service station, and drive-thru restaurants. (42.69 acres)	NW corner of Airport Boulevard and CV Stormwater Channel	None	None	None	Staff is coordinating water service with the City of Coachella as part of the Airport Blvd transmission main project.

<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>Dillon Road Bridge</b> Proposed widening and reconstruction of the Dillon Road Bridge.	Dillon Road and the CV Stormwater Chanel	None	None	None	Comments returned to applicant.
<b>KPC Development Company</b>	North of the East Side Dike and Interstate 10	None	None	None	Revised hydraulic analyses submitted to CVWD for review.
<b>Mariposa Point by DR Horton</b> <i>Tract 32074, 32074-1, 32074-2</i> APN 765-140-007 <i>* Irrigation Relocation Only (in City of Coachella Water &amp; Sewer Service Area)</i>	Southeast corner of Avenue 50 and Calhoun Street	None	Irrigation installation is 85% complete.	Staff processing new irrigation easement with City; USBR quitclaims pending submittals.	Irrigation Lateral 118.7 shutdown for relocation work took place on November 14, 2022.
<b>Sevilla by Pulte</b> <i>Tract 38084</i> 107 Single family homes (26.81 acres) <i>* Agricultural drain review only (in City of Coachella Water &amp; Sewer Service Area).</i>	Between Van Buren Street and Chiapas Drive, on Avenue 51	None	None	Complete	None

**Projects without Activity:** *The following projects did not involve CVWD services during the month of the date of this General Manager's Report. Projects without CVWD activity remain on this list for no more than three years.*

<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>La Entrada</b> Residential, commercial, and recreational community. (2,200 acres)	South of Interstate 10 on Avenue 50	Developer’s engineer continues design work on Avenue 50 expansion and relocation of USBR irrigation laterals. No CVWD plan check activity since February 2021.	None	USBR rights for the utilities and roadway to cross the dike will be processed once plans are complete.	Design work for the Avenue 50 crossing of the Coachella Canal and East Side Dike (stormwater) levee continues.

**DESERT HOT SPRINGS**

**Projects with Activity:** *The following projects involved CVWD services during the month of the date of this General Manager's Report.*

<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>APN 645-330-011 Hanley Residence</b> One single family home. (1.25 acres)	Vee Bee Street, North of Ave 20	Water plan check comments sent to design engineer. Special Domestic Water Agreement with developer for signature and scheduled for CVWD Board approval on January 24, 2023.	None	Staff processing water easement.	None
<b>Dillon Circles Cultivation Center (Formerly known as Oxford Cultivation)</b> Project is under new ownership. Five 200,000 square foot buildings for medical marijuana cultivation center. (35.1 acres)	NE of the intersection of Little Morongo Road and Dillon Road	Water plan check comments sent to design engineer. Developer working on exhibits for the agreement. Domestic Water Special Installation Agreement sent to developer for signature.	None	None	None

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<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>Desert Dunes</b> 1,722 residential lots, 30,000 square foot community building, and golf clubhouse. (472.6 acres)	Palm Drive and 18 <sup>th</sup> Avenue	Original Special Domestic Water System and Sewer System Installation Agreement has expired. Met with RJT Home Development on January 13, 2021, to discuss status, desire to construct the northern half of the development, and off-site water and sewer requirements. No developer activity since meeting.	None	None	None
<b>New Green Acres Cannabis Cultivation</b> <i>Tract 37331</i> Eight 35,295 square foot buildings for medical marijuana cultivation center. (15.10 acres)	NE of the intersection of Little Morongo Road and Dillon Road	CVWD issuing meters for future phases upon request. No CVWD activity since October 2020.	Phase 1 water construction received final status.	None	None

**INDIAN WELLS**

**Projects with Activity:** The following projects involved CVWD services during the month of the date of this General Manager's Report.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/Capital Projects
<b>Indian Wells Crossing</b> Commercial retail, restaurants, and possible residential housing. (12+ acres)	West and east side of Miles Avenue, between the Whitewater River Stormwater Channel and Hwy 111	None	None	None	Stormwater hydrology and hydraulics report related to improvements for the Whitewater River Stormwater Channel is complete. Conceptual approval letter sent to applicant.
<b>The Province</b> <i>Tract 32880</i> 133 residential lots. (40 acres)	Across from the Indian Wells Resort on Hwy 111	Well site improvement plan in plan check. Project requesting meters for homes.	Water and sewer facilities were finalized on February 25, 2022.	None	None

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Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/Capital Projects
<b>Huntley</b> <i>Tract 37467</i> Eighteen residential units. (4.2 acres)	NW corner of Warner Springs Road and Blackfoot Drive	None	Sewer facilities were finalized on May 12, 2021.	None	None
<b>Mountain View Villas Phase 2</b> Phase 2 of Mountain View Villas low-income housing project. (13.62 acres)	Along the south bank of the Whitewater River Stormwater Channel, east of Miles Avenue	Conference call held with City staff on April 15, 2021, to discuss requirements for expanding the WWRSC slope lining along the project boundary. City to provide CVWD comments on the Installation Agreement.  Meeting held on July 15, 2021, with Indian Wells Crossing developer and City to discuss timing of stormwater improvements. No CVWD activity since meeting in July 2021.	None	None	None

**INDIO**

**Projects with Activity:** *The following projects involved CVWD services during the month of the date of this General Manager's Report.*

<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>Arroyo Crossing</b> <i>Parcel Map No. 37797</i> 184-unit apartment complex. <i>* Stormwater only</i>	Jefferson Street just south of Highway 111. Adjacent to La Quinta Evacuation Channel	Stormwater Installation Agreement for slope protection waiting on approved legal exhibits from design engineer.	None	None	Hydrology and hydraulics design for Phase 1 and 2 complete. Applicant submitting to Development Services.
<b>Chandi Square</b> Gas station/convenience store/ carwash (2.52 acres) <i>* CVWD water and sewer service area</i>	SW corner of Varner Road and Jefferson Street	Water and sewer plans in plan check.	None	None	None
<b>Citrus Retail Center*</b> <i>Parcel Map 30293</i> Commercial shopping center. (8.5 acres) <i>*Service area: Sewer – CVWD Water - Indio Water Authority</i>	North of Avenue 50 and east of Jefferson Street	None	Sewer was progressed for service on October 5, 2022.	None	None
<b>Coco Palms</b> <i>Tract 38072</i> Irrigation Lateral 118.1 relocation.	SE corner of Avenue 49 and Jackson Street	Irrigation relocation plan check comments sent to design engineer on October 3, 2022. Standard Irrigation Agreement provided to developer for execution.	None	None	Engineering has reviewed and approved latest irrigation lateral 118.1 relocation plans.
<b>Desert Crossroads Fitness Center</b> <i>Parcel Map 37638 *</i> Two commercial buildings. (7.12 acres) <i>*Project is currently in Indio Water Authority sphere of influence.</i>	South of Hwy 111 and west of Jefferson Street	Developer under site redesign for infrastructure and realignment of easement dedications.	None	Complete	None

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<p><b>Domani*</b> Tract 30966 202 residential units. (40 acres) <i>*Riverside County jurisdiction</i></p>	<p>NW corner of Avenue 40 and Adams Street</p>	<p>Developer requesting water meters in Phase 2 and 3.</p>	<p>Phase 2 water installation is 90% complete and has been progressed for service. Phase 3 water has been progressed for service. Phase 4 water has been progressed for service. Building model homes.</p>	<p>None</p>	<p>Development’s condition to pay \$969,799.75 for share of Adams Street Crossing stormwater facility has been satisfied as of July 7, 2022.</p>
<p><b>España</b> 471 residential units. (161 acres)</p>	<p>NE corner of Adams Street and Avenue 40</p>	<p>All residential meters in Phase 1 installed.</p>	<p>Phase 1 water and sewer installation is 90% complete and has been progressed for service. No CVWD related construction activity since March 2021.</p>	<p>None</p>	<p>Development has completed payment for its share of the North Indio Flood Control Project.</p>
<p><b>Indio Blvd Bridge Retrofit Over CVSC</b> City of Indio Project</p>	<p>Indio Blvd and Coachella Valley Stormwater Channel</p>	<p>None</p>	<p>Construction has started. Project is approximately 65% complete.</p>	<p>None</p>	<p>None</p>
<p><b>Jackson Street Bridge Expansion</b> Expansion of the City’s existing bridge.</p>	<p>Jackson Street at the CV Stormwater Channel</p>	<p>None</p>	<p>Construction has started. Project is 25% complete.</p>	<p>None</p>	<p>Plan under review. No stormwater submittal since February 2020.</p>
<p><b>Northgate East</b> Tract 37076 66 residential lots. (13.9 acres) <i>*Service area: Sewer-CVWD Water-Indio Water Authority</i></p>	<p>SE corner of Ave 42 and Jefferson Street</p>	<p>Sewer Installation Agreement pending recording with County.</p>	<p>None</p>	<p>None</p>	<p>None</p>
<p><b>Northgate West</b> Tract 37075 50 residential lots. (9.9 acres) <i>*Service area: Sewer-CVWD Water-Indio Water Authority</i></p>	<p>SW corner of Ave 42 and Jefferson Street</p>	<p>Sewer Installation Agreement pending recording with County.</p>	<p>Sewer installation is 80% complete.</p>	<p>None</p>	<p>None</p>

<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>Polo Estates</b> <i>Tract Nos. 33044, 37100, 37396</i> 815 residential lots. (205.67 acres)	Avenue 52 and Jackson Street	None	No status update this month. Sewer installation is 89% complete.	None	None
<b>Pulte North Indio (Debonee Property)</b> <i>Tract 38470</i> 1,400 single family units. (377.67 acres)	Ave 40, east of Jefferson Street	Meeting held on October 3, 2022, with developer and design engineer to discuss sewer hydraulic modeling results. Developer’s engineer submitted for additional sewer modeling.	None	Staff processing USBR quitclaim for unused ROW.	
<b>The Crossings*</b> <i>Tract Map 37899</i> Forty-eight lot condominiums. (16.92 acres) <i>*Service area: Sewer – CVWD Water - Indio Water Authority</i>	East of Jefferson Street and north of Avenue 50	Sewer plan check comments sent to engineer of record.	None	None	None
<b>Valley Sanitary District Sewer Siphon under White Water Storm Channel</b> Sewer line replacement	Channel crossing at Westward Ho Drive	None	None	Staff will issue an encroachment permit once contractor is selected.	None
<b>Ventana</b> <i>Tract 37884</i> 103 residential lots. (45.17 acres) <i>*Service area: Sewer – CVWD Water - Indio Water Authority</i>	North of Avenue 50 east of Jefferson	None	None	None	Engineering has reviewed irrigation relocation plans (4 <sup>th</sup> submittal).

**Projects without Activity:** The following projects did not involve CVWD services during the month of the date of this General Manager's Report. Projects without CVWD activity remain on this list for no more than three years.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<p><b>Church at the Red Door*</b> Tentative Tract Map 37387 Church site. (12.26 acres) <i>*Service area:</i> Sewer – CVWD Water - Indio Water Authority</p>	<p>SE corner of Avenue 49 and Jefferson Street</p>	<p>No CVWD activity since September 2021.</p>	<p>None</p>	<p>None</p>	<p>None</p>
<p><b>Galindo Mobile Home Park</b> Consolidation of thirty-six existing mobile home units. (22.88 acres)</p>	<p>South of Avenue 40 and West of Jefferson Street, APNs 607-240- 024,029,030</p>	<p>Project on hold since Chromium 6 regulation was repealed.</p>	<p>None</p>	<p>None</p>	<p>Grant application for Drinking Water State Revolving Fund on hold.</p>
<p><b>Jefferson Street Plaza</b> 124,850 square foot commercial development with retail shopping, restaurants, grocery stores, and gas station/convenience stores. (19.85 acres)</p>	<p>South of Varner Road and east of Jefferson Street</p>	<p>No CVWD plan check activity since January 20, 2020.</p>	<p>None</p>	<p>None</p>	<p>None</p>
<p><b>Virada (Formerly known as Fiesta De Vida)</b> 1,384 residential units and a clubhouse. (402 acres)</p>	<p>North of Avenue 38 and Adams Street</p>	<p>None</p>	<p>None</p>	<p>Quitclaim for existing water easement will be processed once the Adams Street Project installs the new pipeline within the future Adams Street located within this development.</p>	<p>A portion of the Adams Street Transmission Main will be constructed through this project.</p>



**LA QUINTA**

**Projects with Activity:** *The following projects involved CVWD services during the month of the date of this General Manager's Report.*

<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>Andalusia at Coral Mountain, East Tract</b> 650 residential units. (1,132 acres)	SE corner of Avenue 58 and Madison Street	Developer requesting water meters for home construction. Tract 38188 water and sewer plans in plan check.	Water and sewer installation is 92% complete.	None	None
<b>Capistrano Development</b> Tract 31910 130 residential lots.	NW corner of Ave 58 and Monroe Street	Existing incomplete development purchased by DR Horton. Well site plan check comments sent to engineer of record. Developer requesting water meters for house construction.	None	None	
<b>Carmela Development</b> <i>Tract 31874</i> 101 residential lots	SW corner of Ave 52 and Monroe Street	None	Well site improvements are 80% complete.	None	None
<b>Centre</b> <i>Tract 37359</i> 131 multi-family residential units and a 2,900 square foot clubhouse. (22 acres)	South of Auto Centre Drive and east of Adams Street	None	Water and sewer installation is 90% complete. Water has been progressed for fire protection on September 1, 2022.	None	None
<b>Crestwood Communities (Formerly known as Diamante)</b> <i>Tract 30138</i>	Ave 52 east of Jefferson Street	Developer requesting meters for Phase 1 house construction.	Phase 2 water progressed for fire protection on October 27, 2022.	Staff processed permit extension for canal construction water.	None
<b>Crown Monroe 40</b> <i>Tentative Tract 36902</i> Eighty lots, each with a duplex. (40.06 acres)	SE corner of Avenue 55 and Monroe Street	Water and sewer plans approved with plan release pending completion of plan check checklist, Irrigation relocation plans in plan check. Staff drafting Irrigation Agreement.	None	None	Irrigation lateral replacement plans have been reviewed and approved.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<b>Dune Palms Bridge</b> City of La Quinta bridge across the CV Stormwater Channel.	Dune Palms Road at CV Stormwater Channel	City’s engineer continues bridge design work, stormwater hydrology, and utility relocation design. Executed Utility Agreements for existing water and sewer infrastructure returned to City. Invoice sent to City for water main tie in installations paid with work orders pending.	None	None	Design comments addressed. In process of finalizing design plans.
<b>Estates at Coral Mountain (Formerly known as Malaga Estates)</b> <i>Tract 33597</i> Fifty-six residential units. (21.28 acres)	SE corner of Avenue 60 and Madison Street	Received comments from developer on Draft CFD Assignment and Assumption Agreement. Directed by developer to wait until they have a new buyer.	None	Staff working with USBR on the quitclaim of their easement within the project.	None
<b>Griffin Ranch</b> 303 residential units. (198 acres)	SE corner of Avenue 54 and Madison Street	None	Developer is working on punch list items. Project is 93% complete. Three well sites are 90% complete. No construction as of April 2021.	Staff continues to extend the construction permit for the well site improvements.	None
<b>Jefferson Apartments</b> <i>Parcel Map 37891 APN No. 600-080-041</i> Forty-unit apartment complex. (3.22 acres)	Corner of Jefferson Street and Palm Circle	Domestic water and sewer plans approved with release pending completion of plan check checklist.	None	None	None
<b>Palizada</b> <i>Tract 31732 and 31733</i> 320 residential units. (80.82 acres)	SE corner of Avenue 60 and Monroe Street in La Quinta.	Developer continues working on abandoning the project and reverting the property back to acreage.	None	Quitclaim for CVWD easements will be processed once the map records new access to CVWD existing well site.	None
<b>Palo Verde II (Formerly known as Mirage at La Quinta II)</b> <i>Tract 33336</i> 23 residential lots	Ave 58 east of Madison Street	Water and sewer plan check comments sent to design engineer.	None	None	None

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<b>Piazza Serena</b> <i>Tract 30092</i> 97 residential units	NW corner of Ave 58 and Monroe Street	Existing incomplete development. Development requesting domestic meters.	None	Construction permit for well site improvements issued.	
<b>Sierra Blanca</b> <i>Tract 36561</i> 34 residential units (12.25 acres) Apn 780-130-005	Approximately 1,600’ south of Ave 54 on Monroe Street	Project submitted for domestic water and sewer hydraulic modeling. Domestic water and sewer plans in plan check.	None	None	
<b>Signature Series</b> 230 residential lots. (41.95 acres)	PGA West Development	Developer requesting water meters for house construction.	None	None	None
<b>SilverRock</b> Two 18-hole golf courses, up to 1,250 room combined hotel and casita/timeshare units, clubhouse, conference center, commercial/retail center, and a maintenance facility. (523 acres)	None	City initially entered into a Domestic Water and Sanitation System Installation and Irrigation Service Agreement with CVWD dated June 11, 2005. Subsequently, the City, CVWD and Developer entered into an updated Special Agreement dated September 12, 2019. Water and sewer plans resubmittal for Tract 37930 Pendry Condo’s, and Tract 37929 Resort Bungalows, Parcel Map 37207 Phase 2 within SilverRock pending.	Water and sewer installation is 90% complete. Water and sewer have been progressed for service. Waiting on developer CVWD related preconstruction meeting for Montage resort. Sewer installation is 89% complete.	Working with USBR on issuance of rights for utilities crossing the canal.  Pending easements for water and sewer crossing the canal.	None
<b>Vista Santa Rosa Gateway Village</b> <i>Parcel Map 37801</i> Mixed use: retail, gas station, restaurant, 128 unit assisted living.	SE corner of Airport Blvd, and Monroe Street	Staff awaiting additional information from consultant to perform domestic water and sewer hydraulic modeling.	None	None	None

**Projects without Activity:** The following projects did not involve CVWD services during the month of the date of this General Manager's Report. Projects without CVWD activity remain on this list for no more than three years.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/Capital Projects
<b>Castillas at Griffin Ranch</b> Phase 1A, 1B and 1C Ninety residential lots. (43.48 acres)	SW corner of Avenue 54 and Monroe Street	Water and sewer plans and off-site water plan on hold by developer. Off-site agricultural irrigation lateral relocation plan approved. Draft Standard Irrigation Installation Agreement sent to developer for review. No plan check activity since May 2018.	None	None	None
<b>La Quinta Apartments</b> 221 apartment units. (13.84 acres)	NE corner of Avenue 50 and Washington	None. No CVWD activity since November 2021.	None	None	None

**MECCA**

**Projects with Activity:** The following projects involved CVWD services during the month of the date of this General Manager's Report.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/Capital Projects
<b>Avenue 66 Grade Separation</b> County of Riverside public works project to construct road and bridge improvements on a new alignment of Avenue 66.	From State Route 195 to Avenue 66	None	Water installation finalized on October 21, 2022. Installation of irrigation lateral relocation is 100% complete. Sewer installation is 100% complete. Waiting on signed as-built drawings.	The County Easement for the Lincoln Channel extension is under negotiation.	Water transmission main construction is complete. Sewer pipeline complete.
<b>Lincoln Street Waterline Extension</b> 12-inch diameter water main extension to provide a future connection to the Saint Anthony mobile home park.	On Lincoln Street, from Avenue 68 connecting to the future Avenue 66 water main extension	None	None	None	Funding for construction has been acquired as part of the Saint Anthony Mobile Home Park Project.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/Capital Projects
<b>Nuestro Orgullo</b> Tract 35465 300 single-family residential lots. (60.54 acres)	SE corner of Avenue 63 and Lincoln Street	None	None	None	CVWD can provide water service to this project once the Ion Exchange Treatment Plant (IXTP) at Well 7991 has been rehabilitated and the well is back in service.
<b>Pierce Street Sewer Extension</b> 900 residential units.	Pierce Street between Ave 66 and Ave 70	None	None	None	None
<b>Pierce Street Water Consolidation Project</b>	Pierce Street between Avenue 66 and 70	No CVWD activity since February 6, 2022, when water hydraulic modeling results were sent to engineer.	None	None	None

**Projects without Activity:** The following projects did not involve CVWD services during the month of the date of this General Manager's Report. Projects without CVWD activity remain on this list for no more than three years.

None

**NORTH SHORE**

**Projects with Activity:** The following projects involved CVWD services during the month of the date of this General Manager's Report.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/Capital Projects
<b>North Shore Elementary School</b> New elementary school for approx. 750 students. (39.49 acres)	700 feet east of Arthur Road on the north side of Avenue 70	None	None	None	Updated water hydraulic modeling letter was sent to school on June 17, 2022.

**Projects without Activity:** The following projects did not involve CVWD services during the month of the date of this General Manager's Report. Projects without CVWD activity remain on this list for no more than three years.

None

**PALM DESERT**

**Projects with Activity:** The following projects involved CVWD services during the month of the date of this General Manager's Report.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/Capital Projects
<b>Apogee- Millennium Apartments</b> Tract 36792 330-unit apartment complex.	Technology Drive and Gerald Ford Drive.	Water and sewer plans in plan check.	None	Staff processing easement.	None

<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>Bighorn Golf Club Pool</b> <i>Tract 25296-7, Lot 18</i> Property owner purchasing property from HOA Golf Course to construct a private pool. A lot line adjustment that requires relocation of a CVWD sewer main.	Bighorn Golf Club	None	Sewer installation is 85% complete	Quitclaim for the relocated sewer pending final inspection. Additional sewer quitclaim pending the HOA quitclaim.	None
<b>Bravo Garden Apartments</b> 388 apartment units. (18.07 acres)	Hovley Lane east of Portola Ave	Domestic water and sewer plans in plan check.	None	None	None
<b>Desert Surf</b> <i>Tract 37639</i> Hotel with a surf lagoon. (14.65 acres)	Desert Willow Golf Resort	Water and sewer plans in plan check.	None	None	None
<b>JFK Trail</b> <i>Parcel Map 36502</i> Three custom residential lots. (2.09 acres)	JFK Trail	None	None	None	None
<b>Hayes Dietrich Apartments</b> 202 apartments with fitness center and clubhouse. (18 acres)	SW corner of Frank Sinatra and Portola Ave	Domestic water hydraulic modeling results sent to developer’s engineer December 5, 2022. Processing sewer hydraulic modeling request.	None	None	None
<b>Montage</b> <i>Tract 37993</i> 63 residential lots. (23.4 acres)	NW corner of Julie Lane and Portola Avenue	Project requesting domestic meters.	Water and Sewer has been progressed for service on August 31, 2022.	None	None
<b>Monterey Crossing</b> <i>Tract Map 37157</i> Retail shopping and hotel. (17 acres)	NE corner of Dinah Shore Drive Monterey Avenue	Meters being issued upon request.	Water & sewer facilities were finalized on April 1, 2022.	None	None
<b>Nighthawk Estates</b> <i>Tract 34305</i> Ten residential estate lots. (20 acres)	Stone Eagle Drive, east of Hwy 74	Domestic water booster station plan check resubmittal pending.	None	None	Engineering will review the revised plans submitted on September 26, 2022.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<p><b>Palm Desert Country Club Condominiums (Formerly known as Palm Desert Country Club Executive Golf Course)</b>  <i>Tracts 37240, 37241, 37242</i>                      Sixty-nine condominiums.                      (30 acres)</p>	<p>77-200 California Drive</p>	<p>None</p>	<p>Sewer installation is 80% complete.</p>	<p>None</p>	<p>None</p>
<p><b>President’s Plaza East and West Parking Lot Improvements</b>                      Remodeling and repaving the parking area of the Presidents Plaza by City. This will include the relocation of CVWD water and sewer facilities.</p>	<p>Between Larkspur Lane, El Paseo, Hwy 111 and Portola Avenue</p>	<p>Project complete.</p>	<p>Water and sewer installation is 90% complete.</p>	<p>None</p>	<p>None</p>
<p><b>Recreational Vehicle Storage</b>  <i>Tentative Tract Map 37678</i>                      RV storage facility with thirty-five enclosed storage units, one office, and twenty-one outdoor RV stalls. (2.73 acres)</p>	<p>Berkey Drive, north of Varner Road</p>	<p>None</p>	<p>Water has been progressed for service.</p>	<p>None</p>	<p>None</p>
<p><b>San Pablo</b>  <i>Parcel Map 38023</i>                      Sixty apartments, two retail spaces, and one commercial leasing office. (1.6 acres)</p>	<p>SE corner of San Pablo Avenue and Fred Waring Drive</p>	<p>No CVWD activity since May 2021.</p>	<p>None</p>	<p>None</p>	<p>None</p>
<p><b>Santa Barbara Condos</b>                      Tract 38033                      32 condo units.                      (3.93 acres)</p>	<p>SWC of Gerald Ford Drive and Shepherd Lane</p>	<p>Staff waiting on additional information from developer in order to complete domestic water and sewer hydraulic modeling.</p>	<p>None</p>	<p>None</p>	<p>None</p>

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<p><b>University Park (CFD 2021-1) Woodbridge Pacific Group (WPG)</b>  <i>Tract 37560-1</i>                      1,400 residential units and approx. 60 acres for commercial, office, and hotel land use. (251.7 acres)</p>	<p>Gerald Ford Drive, east of Portola Avenue</p>	<p>Project requesting meters for house construction. Phase 2 construction plans released for construction</p>	<p>Phase 2 water and sewer preconstruction meeting held on December 7, 2022.                       Phase 1 water and sewer have been progressed for service on February 28, 2022.</p>	<p>Staff issued a construction permit to install well site improvements.</p>	<p>Development’s backbone infrastructure was installed under the City of Palm Desert Community Facilities District No. 2005-1. Developer contributed 14.5% of the construction costs for Reservoir 4605-2.</p>
<p><b>University Park - Lennar</b>  <i>Tract 36342 formerly Tract 34626</i>                      195 residential units. (26.2 acres)</p>	<p>Between University Park Drive and College Drive</p>	<p>Project requesting meters for house construction.</p>	<p>Phase 2 progressed for service on August 16, 2022.</p>	<p>None</p>	<p>None</p>
<p><b>Villa Portofino</b>  <i>Tract 36404, Lot 3</i>                      Senior living facility of 161 suites/apartments. (6.43 acres)</p>	<p>South of Country Club Drive and west of Portola Avenue</p>	<p>Developer requesting domestic meters for house construction.</p>	<p>Sewer installation is 85% complete. Water installation is 85% complete.</p>	<p>None</p>	<p>None</p>
<p><b>Vitalia Palm Desert Apartments</b>                      Two hundred sixty-nine units. (11.94 acres)</p>	<p>Gerald Ford Drive, west of Portola Avenue</p>	<p>Domestic water and sewer plans in plan check. Meeting held with developer on December 1, 2022 to discuss development process and plan check requirements.</p>	<p>None</p>	<p>None</p>	<p>None</p>
<p><b>WNG Apartments</b>  <i>Tract 33837-1</i>                      150 apartment units with recreation building. (6.8 acres)</p>	<p>NE of Gerald Ford Drive and north of Frank Sinatra.</p>	<p>Meeting held with developer on December 14, 2022 to discuss well site design and blow off water requirements. Staff drafting Special Domestic Water Installation Agreement. Sewer improvement plans in plan check.</p>	<p>None</p>	<p>None</p>	<p>None</p>



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Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<b>Sage (Formerly known as Gallery North)</b> <i>Tract 36351</i> Eleven single-family residential lots, one recreation clubhouse lot, and one multi-family residential parcel. (30.77 acres)	SE corner of Dick Kelly Drive and Dinah Shore Drive	None	None	None	None
<b>San Pablo Food Cart Park</b> Mobile cart facility of thirty-eight spaces. (1.55 acres)	NE corner of San Pablo and San Gorgonio Way	A meeting was held to discuss water and sewer requirements on March 17, 2020. No CVWD plan check activity since March 2020.	None	None	None

**RANCHO MIRAGE**

**Projects with Activity:** The following projects involved CVWD services during the month of the date of this General Manager's Report.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<b>Brenson Homes</b> <i>Tract 36620</i> 82 single family lots. (33.7 acres)	NE corner of Via Florencia and Via Josefina	Water and sewer plans in plan check.	None	None	None
<b>Chandi Estates</b> <i>Parcel Map 37182</i> Three custom residential lots. (4.16 acres)	38-500 Vista Dunes Road	Water and sewer plans approved with release pending completion of plan check checklist.	None	None	None
<b>City of Rancho Mirage Water and Sewer Extension</b>	City of Rancho Mirage Library across HWY 111 south	City of Rancho Mirage is funding the expansion of water and sewer infrastructure across HWY 111 to the south parcel from their library site. Water and sewer plans released for construction. Water plans submitted for revisions were approved and released.	None	None	None

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<p><b>Section 31 (Cotino)</b> <i>Tract 37856</i> Six planning areas including four residential communities, commercial use, hotels, and water lagoon feature for a combined 3,000 units. (618 acres)</p>	<p>Between Frank Sinatra, Bob Hope Drive, Monterey Avenue and Gerald Ford Drive</p>	<p>Phases 2-5 on-site water/sewer plans and offsite lift station 80-20 sewer plans released for construction. Phases 6-8, private non-potable water plans, temporary sewer lift station, Offsite Monterey Ave Water, Vista Del Sol Offsite sewer plans in plan check.</p>	<p>Phase 1 sewer installation is at 80%. Water has not started.</p> <p>Preconstruction meeting held for Phase 4 and 5 sewer on December 16, 2022.</p> <p>Phase 5 sewer installation is at 65%.</p>	<p>Staff processing wellsite deed and access easement.</p>	<p>Developer contributed 23.09% of the construction costs for Reservoir 4606-2. Reservoir was placed online at end of March 2022.</p>
<p><b>Echo</b> <i>Tract 35619</i> Nine single-family residential lots. (5 acres)</p>	<p>East of Landy Lane and north of Ginger Rogers Road</p>	<p>CVWD is issuing water meters upon request for new residential housing.</p>	<p>Water &amp; sewer were finalized on September 10, 2019.</p>	<p>None</p>	<p>None</p>
<p><b>GHA Development</b> <i>Parcel Map 38106</i> 4 single family lots. (4.16 acres)</p>	<p>NW corner of Via Florencia and Via Josefina</p>	<p>Water and sewer plans in plan check.</p>	<p>None</p>	<p>None</p>	<p>None</p>
<p><b>Jessup/Volvo/Infiniti Dealership</b> <i>Tract 38054</i> New car dealership. (25.18 acres)</p>	<p>South of Hwy 111 and east of Mirage Road</p>	<p>On-site water/sewer plans, and offsite water plans in plan check. Special Domestic Water Installation Agreement signed and returned by developer. Agreement scheduled for CVWD Board approval for January 24, 2023.</p>	<p>None</p>	<p>Easements for existing 4" complete.</p>	<p>None</p>
<p><b>Porcupine Creek</b> (190 acres)</p>	<p>South of Dunes View Road and Gardess Road intersection</p>	<p>Domestic water and sewer plans in plan check.</p>	<p>None</p>	<p>None</p>	<p>None</p>
<p><b>Rancho Mirage Kidney Institute</b> <i>Tract 37976</i> Three medical buildings totaling 35,845 square feet. (5.16 acres)</p>	<p>NE corner of Bob Hope Drive and Ginger Rogers Road</p>	<p>Developer’s engineer working on legal exhibits for development agreement. Water and sewer plan approved with release pending completion of plan check items. Special Domestic Water System Installation Agreement sent to developer for execution.</p>	<p>None</p>	<p>None</p>	<p>None</p>

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<b>Sanctuary</b> <i>Tract 38380</i> 4 residential units. (2.5 acres)	Ginger Rogers Road east of Landy Lane	Processing domestic water and sewer hydraulic modeling. Domestic water and sewer plans in plan check.	None	None	None
<b>Section 24 Pulte Homes*</b> <i>Tract 36809</i> Pulte Homes is under contract to purchase and develop 321 acres of Section 24 for 1,016 residential units. (321 acres) <i>* Located on Agua Caliente tribal/allottee land</i>		Developer requesting water meters for Phase 6 house construction.	Phase 5 is 90% complete and has been progressed for service. Phase 6 Sewer installation is 89% complete. Phase 6 water installation is 89% complete. Water has been progressed for fire protection.	None	None
<b>Tract 32327</b> Four custom residential lots. (5.07 acres)	Vista Del Sol Road, north of Country Club Drive	None	None	None	None
<b>Via Josefina</b> <i>Tract 33329</i> 9 lot single family residential development. (4.77 acres)	On Via Josefina, North of Ginger Rogers Road	On-site and off-site water and sewer plans in plan check.	None	None	None
<b>Via Josefina</b> <i>Tract 38447 (apn 685-100-012)</i> 8 residential lots (5.04 acres)	SW corner of Via Florencia and Via Josefina	Domestic water and sewer hydraulic modeling results mailed to developer’s engineer on December 8, 2022.	None	None	
<b>Vista Del Sol and Vista Court</b> Four single-family residential lots. (4 acres)	Vista Del Sol Road, south of Frank Sinatra, APNs 685-240-028,029,031,035	None	Water was fully progressed on 11-02-2022.	None	None

**Projects without Activity:** The following projects did not involve CVWD services during the month of the date of this General Manager's Report. Projects without CVWD activity remain on this list for no more than three years.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<b>Santa Barbara Cove Estates</b> <i>Tract 35573</i> Twenty single-family residential units. (5.56 acres)	SW of the Nielson Road and Mirage Cove Drive intersection	Met with developer on March 2, 2020, to discuss project phasing. No CVWD plan check activity since meeting.	None	None	None
<b>Via Josefina – La Paloma Homes</b> <i>Tract 38224</i> 9 single family lots. (4.77 acres)	NE corner of Ginger Rogers and Via Josephina	No CVWD activity since December 2021.	None	None	None
<b>Vista Del Sol - Bravo Properties</b> 9 single-family residential lots. (10.12 acres)	Vista Del Sol Road south of Frank Sinatra, APN’s 685-280-002, 003	No CVWD activities since November 2021.	None	None	None

**SALTON CITY**

**Projects with Activity:** The following projects involved CVWD services during the month of the date of this General Manager's Report.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/ Capital Projects
<b>Burrtec Waste Industries</b> Private well is declining in production and is not able to provide adequate flow for dust control and landfill operations. Burrtec decided to forego Extra-Territorial Service Agreement and is moving into the annexation processing through LAFCO. (320 acres)	Existing County of Imperial landfill	Pre-study received and staff is reviewing. Staff is working with the County of Imperial to develop a tax agreement.	None	None	None
<b>His &amp; Herbs Cannabis Cultivation</b> APN 014-041-004, 007 (2 acres) Cannabis Cultivation and sales	2185 Sunrise Drive, Salton City	Development submitted for domestic water hydraulic modeling.	None	None	None

**Projects without Activity:** The following projects did not involve CVWD services during the month of the date of this General Manager's Report. Projects without CVWD activity remain on this list for no more than three years.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/Capital Projects
<b>Bel Air Cannabis</b> Tract 570, Lot 6 Eight greenhouses, one garage, and four shipping containers for cannabis cultivation. (1.16 acres)	1395 Bel Air Avenue, APN 014-041-001	Water hydraulic modeling results mailed to developer on April 18, 2019. Conference call held on October 28, 2020, to discuss potential conflicts with proposed development and existing CVWD water mains. No CVWD plan check activity since conference call.	None	None	None

**THERMAL**

**Projects with Activity:** The following projects involved CVWD services during the month of the date of this General Manager's Report.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/Capital Projects
<b>Avenue 70 Pipeline (Oasis Area)</b> The pipeline will allow multiple mobile home parks to consolidate with CVWD’s water system.	Beginning at Harrison Street and extending to Pierce Street	Water plans 1 <sup>st</sup> round plan check comments sent back to design engineer on August 3, 2022.	None	Staff supporting developer’s engineer to work through the Bureau of Indian Affairs to acquire easements for the pipeline; pending developer's submittal of federal application package.	Engineering provided plan check comments in July 2022. Developer will fund construction of the pipeline.
<b>Ladera Golf Club (Formerly known as Juele Ranch Golf Club)</b> Plat Plan No. 210024 Golf Course Development. (299 Acres)	Ave 70 and Lemon Blossom	Meeting held on December 28, 2022 with developer’s engineers to discuss requirement for domestic water service. Development submitted for domestic water hydraulic modeling.	None	None	Comments on latest submittal returned to applicant.
<b>Melkesian Property</b> APN 751-190-006 Private residence (5.07 acres)	Ave 68 west of Harrison Street	Domestic water extension plans in plan check.	None	None	
<b>Mountain View Estates Mobile Home Park</b> 398 mobile home units. (58.75 acres)	Harrison Street and Avenue 69	None	None	None	None

<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>Oasis Gardens Mobile Home Park</b> Existing 157-unit mobile home park.	68555 Polk Street	Sewer agreement for septic to CVWD sewer for remaining 77 mobile homes recorded with County. Staff working on grant funding.	None	None	Grant funding application is complete. Awaiting State determination for sewer improvements.
<b>Oasis Villas Community Tract 37590</b> 102 units of affordable housing for farmworkers and roughly 38,500 square feet of commercial space by Coachella Valley Housing Coalition. (25 acres)	SW corner of Avenue 66 and Middleton Street	No CVWD activity since June 2022.	None	None	None
<b>Polanco Express Park*</b> Thirty-six- unit Polanco Park. (4.93 acres) <i>* Project is within the City of Coachella sphere of influence for water and sewer service</i>	55-216 Calhoun Street, APN 780-430-004	Sewer plans released for construction. Sewer Installation Agreement pending recording with County. Domestic water invoice sent to developer.	None	Staff to issue construction permit, pending submittal.	None
<b>Riverside County Thermal Maintenance Yard</b> (10 acres)	On Airport Blvd approximately 600’ east of Higgins Drive	On December 20, 2022, meeting held with County and their engineer to discuss requirements for extending existing sewer infrastructure to site.	None	None	None
<b>Sunbird Mobile Home Park</b> Septic system to CVWD sewer system conversion of 90 existing mobile home units.	84-950 Echols Road, west of Harrison Street	Staff drafted a consolidation agreement in lieu of an installation agreement. Draft consolidation agreement sent to owners of Sunbird on December 29, 2022.	None	None	Grant funding application is complete. Awaiting State determination for sewer improvements.
<b>Thermal Motorsports Park</b> (358 acres)	Kohl Ranch	Development continues meter requests for private garage units. County of Riverside reports starting a new Hydrology & Hydraulic study to show that the lease with the Thermal Club is no longer needed. Domestic water extension plans approved with plan release pending easement dedications.	None	None	None

<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>Thermal Ranch Equestrian Development</b> (622 acres)	SE Corner of 62 and Harrison	Developer is proposing an Equestrian Development. On October 13, 2022, meeting held with developer’s engineer to discuss water, sewer, irrigation, and drainage for proposed development.	None	Staff working with USBR on fee land within project, pending site plan from MSA	None
<b>Torres Martinez Tribe Housing Development</b> (7.5 acres) apn 753-100-011	SE Corner of Ave 63 and Monroe Street	Meeting held with Tribal staff to discuss proposed residential development and potential conflicts with existing Irrigation Lateral 123.45.	None	None	None
<b>Travertine Tract 37387</b> 1,200 residential lots, 912-hole golf course, and 100 room resort. (880 acres)	Jefferson Street and Avenue 62, west of Dike No. 4	None	None	USBR submittals for the City's roadway and utilities that will cross Dike 4 will be processed once applications are submitted.	Applicant submitted revised scour and sedimentation document. Comments returned to applicant.

**Projects without Activity:** *The following projects did not involve CVWD services during the month of the date of this General Manager's Report. Projects without CVWD activity remain on this list for no more than three years.*

<b>Project Name and Description</b>	<b>Project Location</b>	<b>Development Services</b>	<b>Construction Inspection</b>	<b>Right-of-Way</b>	<b>Engineering/ Capital Projects</b>
<b>Thermal Beach Club</b> Private surf club with a 20-acre Surf Lagoon and 326 residential units, part of Kohl Ranch. (111 acres)	SW corner of Avenue 64 and Polk Street	No CVWD plan check activity since October 2020.	None	Staff working with USBR on fee title through project.	None
<b>Thermal Oasis Active Transportation Project</b> Ten-foot-wide multi-use trail.	Along Harrison Street, Avenue 66, Pierce Street and Avenue 74	Follow up meeting with Riverside County and MSA Consulting on May 5 to discuss proposed trail alignment and potential impacts to CVWD and USBR facilities. No activity since meeting in May 2021.	None	None	None



**THOUSAND PALMS**

**Projects with Activity:** The following projects involved CVWD services during the month of the date of this General Manager's Report.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/Capital Projects
<b>Hidden Springs Court</b> Tract 30784 Eight residential lots. (41.12 acres)		No CVWD activity since March 2021.	None	None	None
<b>Palm Creek Ranch</b> Tract 36805 371 residential units. (101 acres)	North of Ramon Road between Desert Moon Drive and Vista Del Sol	None	None	None	Latest stormwater hydraulic and hydrology submittal under review by CVWD.

**Projects without Activity:** The following projects did not involve CVWD services during the month of the date of this General Manager's Report. Projects without CVWD activity remain on this list for no more than three years.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/Capital Projects
<b>Commercial/Industrial Development</b> Four 18,000 square foot buildings. (13.2 acres)	East of Rio Del Sol Road, approx. 2,000 feet south of Gravel Pit Road, APN 648-120-004	Hold Harmless Agreement for fire protection service signed on September 15, 2020. No CVWD plan check activity since September 2020.	None	None	None

**VALLEY WIDE**

**Projects with Activity:** The following projects involved CVWD services during the month of the date of this General Manager's Report.

Project Name and Description	Project Location	Development Services	Construction Inspection	Right-of-Way	Engineering/Capital Projects
<b>CV Link</b> Coachella Valley Association of Governments’ 40-mile pathway that will connect eight Coachella Valley cities. Pedestrians, bicyclists, and low speed electric vehicles will utilize this.	Along the current CV Stormwater Channel	The Hovley Lane East connector will require recycled water meter vault to be relocated. Relocation plans are in plan check.  Jefferson Street water main relocation plan in plan check.	Construction is 40% complete within CVWD right-of-way.  Miles undercrossing improvements is 45% complete.  Monroe undercrossing improvements is 30% complete.	Staff processing various permits for project. Staff processing a USBR abandonment of an irrigation lateral and a right-of-use to use the canal right-of-way.	Continue to work on utility conflict issues and stormwater hydraulics analyses related to scour impacts and bridge undercrossings.

**Projects without Activity:** The following projects did not involve CVWD services during the month of the date of this General Manager's Report. Projects without CVWD activity remain on this list for no more than three years.

None



## Energy

### December 2022 – Energy Report Illustrates Usage in November 2022

Facility Type	Imperial Irrigation District (IID)			Southern California Edison (SCE)		
	Cost	\$/kWh	Avg \$/Mo	Cost	\$/kWh	Avg \$/Mo
District Facility Power	\$ 28,713	\$ 0.1642	\$ 26,531	\$ 26,845	\$ 0.3111	\$ 40,287
Domestic Water Booster Stations	\$ 27,184	\$ 0.1837	\$ 29,927	\$ 148,131	\$ 0.1990	\$ 154,242
Domestic Water Wells & Appurt.	\$ 315,959	\$ 0.1745	\$ 285,909	\$ 582,923*	\$ 0.1749*	\$ 645,619
Groundwater Recharge	\$ 30,573	\$ 0.1811	\$ 100,286	\$ 184	\$ 0.4061	\$ 133
Irrigation Canal System	\$ 5,335	\$ 0.2236	\$ 5,541	\$ -	\$ -	\$ -
Irrigation Pump Stations & Appurt.	\$ 117,053	\$ 0.1728	\$ 114,413	\$ -	\$ -	\$ -
Sanitation Lift Stations	\$ 10,757	\$ 0.1827	\$ 10,201	\$ 9,914	\$ 0.1830	\$ 9,652
Sanitation Water Rec. Plants	\$ 247,102	\$ 0.1573	\$ 210,265	\$ 189,963	\$ 0.1656	\$ 217,423
TOTALS	<b>\$ 782,676</b>	<b>\$ 0.1694</b>		<b>\$ 957,959</b>	<b>\$ 0.1807</b>	
COMBINED TOTAL (IID / SCE) =			\$ 1,740,635	/	\$ 0.1751	\$ / kWh

### Energy Cost Comparison Table

Month	2019		2020		2021		2022	
	IID	SCE	IID	SCE	IID	SCE	IID	SCE
January	\$ 451,106	\$ 505,273	\$ 527,345	\$ 505,214	\$ 537,031	\$ 627,353	\$ 711,366	\$ 757,347
February	\$ 427,518	\$ 486,398	\$ 530,057	\$ 539,730	\$ 546,327	\$ 660,294	\$ 725,415	\$ 800,643
March	\$ 504,505	\$ 538,885	\$ 491,588	\$ 512,292	\$ 602,311	\$ 681,749	\$ 807,664	\$ 873,361
April	\$ 562,411	\$ 656,365	\$ 541,605	\$ 594,481	\$ 623,265	\$ 792,255	\$ 790,529	\$ 989,232
May	\$ 608,559	\$ 710,587	\$ 655,244	\$ 791,886	\$ 731,620	\$ 876,867	\$ 834,397	\$ 1,111,419
June	\$ 653,730	\$ 942,885	\$ 664,342	\$ 1,025,339	\$ 737,486	\$ 1,178,908	\$ 800,035	\$ 1,385,453
July	\$ 648,530	\$ 1,027,059	\$ 730,063	\$ 1,142,276	\$ 788,420	\$ 1,243,044	\$ 848,080	\$ 1,495,299
August	\$ 670,494	\$ 987,892	\$ 702,972	\$ 1,161,617	\$ 827,349	\$ 1,208,674	\$ 806,943	\$ 1,421,586
September	\$ 633,661	\$ 871,727	\$ 668,366	\$ 1,016,003	\$ 840,965	\$ 1,149,821	\$ 772,373	\$ 1,240,028
October	\$ 582,842	\$ 708,723	\$ 658,291	\$ 854,124	\$ 823,359	\$ 926,495	\$ 739,095	\$ 1,022,363
November	\$ 594,943	\$ 608,889	\$ 645,043	\$ 751,242	\$ 831,203	\$ 873,127	\$ 782,676	\$ 957,959
December	\$ 507,516	\$ 495,720	\$ 642,568	\$ 655,011	\$ 778,319	\$ 753,581	\$ -	\$ -
Total to Date	\$ 6,845,814	\$ 8,540,401	\$ 7,457,484	\$ 9,549,216	\$ 8,667,655	\$ 10,972,167	\$ 8,618,573	\$ 12,054,692
Subtotal for Yr.	<b>\$ 15,386,215</b>		<b>\$ 17,006,701</b>		<b>\$ 19,639,822</b>		<b>\$ 20,673,264</b>	

## Groundwater Replenishment

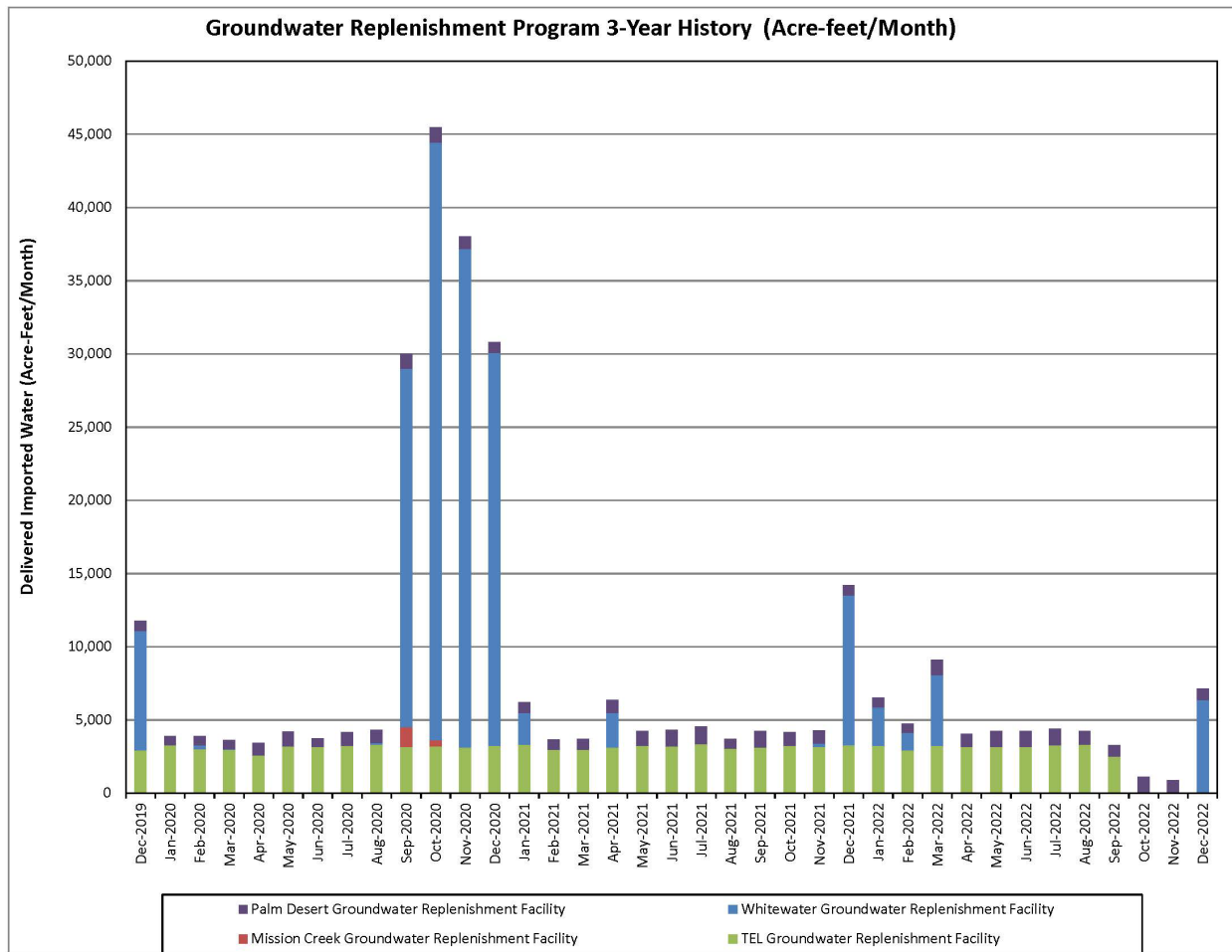
### Palm Desert Groundwater Replenishment Facility – Phase 2

- Engineering plans are complete
- CVWD received the 1600 permit with the California Department of Fish and Wildlife (CDFW) on August 5, 2021.
- The Regional Water Quality Control Board provided a 401 Water Quality Certification on April 6, 2022.
- In Lieu Fee (ILF) credits, to comply with environmental mitigation required for the U.S. Army Corps of Engineers 404 Permit are no longer available. Therefore, CVWD staff is working with ESA (consultant) to revise the mitigation plan by February 2023. The revised plan will include a mitigation project that CVWD will complete.

### Groundwater Replenishment Summary

<u>Facility</u>	<u>December Water Deliveries (acre-feet)</u>	<u>2022 Water Deliveries Through December (acre-feet)</u>	<u>3-Year Running Annual Average (acre-feet)</u>
Whitewater River	6,382	15,011	53,401
Palm Desert	758	10,949	10,367
Mission Creek	0	0	573
Thomas E. Levy	<u>0</u>	<u>27,993</u>	<u>34,516</u>
<b>Total</b>	<b>7,140</b>	<b>53,953</b>	<b>98,857</b>

The Groundwater Replenishment Program graph shows the volume of imported water (in acre-feet) delivered at each of the four Coachella Valley replenishment facilities during the last rolling three-year period.



**Replenishment Facility Maintenance:**

Prepared site to Receive State Water Project Flows between December 1, 2022 and December 22, 2022

## Non-Potable Water Projects

ID	Name	Cost	Duration	Start	Finish	2021		2022				2023				2024				2025				2026				2027				2028		
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
1	<b>Emerald Desert RV Resort</b>	<b>\$700,000.00</b>	<b>1837 days</b>	<b>Sat 7/1/17</b>	<b>Tue 7/16/24</b>																													
2	Design	\$200,000.00	250 days	Sat 7/1/17	Thu 6/14/18																													
3	CWSRF Loan Application and Approval	\$0.00	655 days	Sun 7/1/18	Thu 12/31/20																													
4	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>789 days</b>	<b>Sun 7/1/18</b>	<b>Thu 7/8/21</b>																													
5	Customer Approval	\$0.00	750 days	Sun 7/1/18	Thu 5/13/21																													
6	District Approval	\$0.00	40 days	Fri 5/14/21	Thu 7/8/21																													
7	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>939 days</b>	<b>Sun 7/1/18</b>	<b>Thu 2/3/22</b>																													
8	Customer Approval	\$0.00	900 days	Sun 7/1/18	Thu 12/9/21																													
9	District Approval	\$0.00	40 days	Fri 12/10/21	Thu 2/3/22																													
10	<b>Construction</b>	<b>\$500,000.00</b>	<b>360 days</b>	<b>Wed 3/1/23</b>	<b>Tue 7/16/24</b>																													
11	Bidding and NTP	\$500,000.00	90 days	Wed 3/1/23	Tue 7/4/23																													
12	Field Activities	\$0.00	150 days	Wed 7/5/23	Tue 1/30/24																													
13	Startup and Commissioning	\$0.00	30 days	Wed 1/31/24	Tue 3/12/24																													
14	Project Close-Out	\$0.00	90 days	Wed 3/13/24	Tue 7/16/24																													
15																																		
16	<b>Marriott Desert Springs North Course Connection</b>	<b>\$5,450,000.00</b>	<b>2072 days</b>	<b>Sat 7/1/17</b>	<b>Tue 6/10/25</b>																													
17	Design	\$450,000.00	1500 days	Sat 7/1/17	Thu 3/30/23																													
18	CWSRF Loan Application and Approval	\$0.00	655 days	Sun 7/1/18	Thu 12/31/20																													
19	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>840 days</b>	<b>Wed 7/1/20</b>	<b>Tue 9/19/23</b>																													
20	Customer Approval	\$0.00	780 days	Wed 7/1/20	Tue 6/27/23																													

ID	Name	Cost	Duration	Start	Finish	2021	2022	2023	2024	2025	2026	2027	2028
						Q3	Q1	Q1	Q1	Q1	Q1	Q1	Q1
21	District Approval	\$0.00	60 days	Wed 6/28/23	Tue 9/19/23								
22	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>840 days</b>	Wed 7/1/20	Tue 9/19/23								
23	Customer Approval	\$0.00	780 days	Wed 7/1/20	Tue 6/27/23								
24	District Approval	\$0.00	60 days	Wed 6/28/23	Tue 9/19/23								
25	<b>Construction</b>	<b>\$5,000,000.00</b>	<b>450 days</b>	Wed 9/20/23	Tue 6/10/25								
26	Bidding and NTP	\$5,000,000.00	90 days	Wed 9/20/23	Tue 1/23/24								
27	Field Activities	\$0.00	240 days	Wed 1/24/24	Tue 12/24/24								
28	Startup and Commissioning	\$0.00	30 days	Wed 12/25/24	Tue 2/4/25								
29	Project Close-Out	\$0.00	90 days	Wed 2/5/25	Tue 6/10/25								
30													
31	<b>Marriott Shadow Ridge Connection</b>	<b>\$5,300,000.00</b>	<b>2072 days</b>	Sat 7/1/17	Tue 6/10/25								
32	Design	\$300,000.00	1500 days	Sat 7/1/17	Thu 3/30/23								
33	CWSRF Loan Application and Approval	\$0.00	655 days	Sun 7/1/18	Thu 12/31/20								
34	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>840 days</b>	Wed 7/1/20	Tue 9/19/23								
35	Customer Approval	\$0.00	780 days	Wed 7/1/20	Tue 6/27/23								
36	District Approval	\$0.00	60 days	Wed 6/28/23	Tue 9/19/23								
37	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>840 days</b>	Wed 7/1/20	Tue 9/19/23								
38	Customer Approval	\$0.00	780 days	Wed 7/1/20	Tue 6/27/23								
39	District Approval	\$0.00	60 days	Wed 6/28/23	Tue 9/19/23								
40	<b>Construction</b>	<b>\$5,000,000.00</b>	<b>595 days</b>	Wed 3/1/23	Tue 6/10/25								
41	Bidding and NTP Offsite	\$0.00	90 days	Wed 3/1/23	Tue 7/4/23								

ID	Name	Cost	Duration	Start	Finish	2021		2022		2023		2024		2025		2026		2027		2028		
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
42	Offsite Piping Installation	\$4,500,000.00	350 days	Wed 7/5/23	Tue 11/5/24																	
43	Bidding and NTP Onsite	\$0.00	90 days	Wed 9/20/23	Tue 1/23/24																	
44	Onsite Piping Installation	\$500,000.00	240 days	Wed 1/24/24	Tue 12/24/24																	
45	Startup and Commissioning	\$0.00	30 days	Wed 12/25/24	Tue 2/4/25																	
46	Project Close-Out	\$0.00	90 days	Wed 2/5/25	Tue 6/10/25																	
47																						
48	<b>The Oasis Country Club</b>	<b>\$5,274,000.00</b>	<b>1243 days</b>	<b>Sun 7/1/18</b>	<b>Wed 4/5/23</b>																	
49	Design	\$300,000.00	500 days	Sun 7/1/18	Thu 5/28/20																	
50	CWSRF Loan Application and Approval	\$0.00	655 days	Sun 7/1/18	Thu 12/31/20																	
51	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>219 days</b>	<b>Sun 7/1/18</b>	<b>Thu 5/2/19</b>																	
52	Customer Approval	\$0.00	200 days	Sun 7/1/18	Thu 4/4/19																	
53	District Approval	\$0.00	20 days	Fri 4/5/19	Thu 5/2/19																	
54	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>489 days</b>	<b>Sun 7/1/18</b>	<b>Thu 5/14/20</b>																	
55	Customer Approval	\$0.00	450 days	Sun 7/1/18	Thu 3/19/20																	
56	District Approval	\$0.00	40 days	Fri 3/20/20	Thu 5/14/20																	
57	<b>Construction</b>	<b>\$4,974,000.00</b>	<b>640 days</b>	<b>Thu 10/22/20</b>	<b>Wed 4/5/23</b>																	
58	Bidding and NTP	\$4,974,000.00	70 days	Thu 10/22/20	Wed 1/27/21																	
59	Field Activities	\$0.00	450 days	Thu 1/28/21	Wed 10/19/22																	
60	Startup and Commissioning	\$0.00	30 days	Thu 10/20/22	Wed 11/30/22																	
61	Project Close-Out	\$0.00	90 days	Thu 12/1/22	Wed 4/5/23																	
62																						

ID	Name	Cost	Duration	Start	Finish	2023	2024	2025	2026	2027	2028																			
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
63	<b>Woodhaven Country Club</b>	<b>\$1,623,000.00</b>	<b>1243 days</b>	<b>Sun 7/1/18</b>	<b>Wed 4/5/23</b>																									
64	Design	\$200,000.00	500 days	Sun 7/1/18	Thu 5/28/20																									
65	CWSRF Loan Application and Approval	\$0.00	655 days	Sun 7/1/18	Thu 12/31/20																									
66	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>219 days</b>	<b>Sun 7/1/18</b>	<b>Thu 5/2/19</b>																									
67	Customer Approval	\$0.00	200 days	Sun 7/1/18	Thu 4/4/19																									
68	District Approval	\$0.00	20 days	Fri 4/5/19	Thu 5/2/19																									
69	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>489 days</b>	<b>Sun 7/1/18</b>	<b>Thu 5/14/20</b>																									
70	Customer Approval	\$0.00	450 days	Sun 7/1/18	Thu 3/19/20																									
71	District Approval	\$0.00	40 days	Fri 3/20/20	Thu 5/14/20																									
72	<b>Construction</b>	<b>\$1,423,000.00</b>	<b>640 days</b>	<b>Thu 10/22/20</b>	<b>Wed 4/5/23</b>																									
73	Bidding and NTP	\$1,423,000.00	70 days	Thu 10/22/20	Wed 1/27/21																									
74	Field Activities	\$0.00	450 days	Thu 1/28/21	Wed 10/19/22																									
75	Startup and Commissioning	\$0.00	30 days	Thu 10/20/22	Wed 11/30/22																									
76	Project Close-Out	\$0.00	90 days	Thu 12/1/22	Wed 4/5/23																									
77																														
78	<b>Palm Desert Resort CC</b>	<b>\$1,750,000.00</b>	<b>1243 days</b>	<b>Sun 7/1/18</b>	<b>Wed 4/5/23</b>																									
79	Design	\$200,000.00	500 days	Sun 7/1/18	Thu 5/28/20																									
80	CWSRF Loan Application and Approval	\$0.00	655 days	Sun 7/1/18	Thu 12/31/20																									
81	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>219 days</b>	<b>Sun 7/1/18</b>	<b>Thu 5/2/19</b>																									
82	Customer Approval	\$0.00	200 days	Sun 7/1/18	Thu 4/4/19																									
83	District Approval	\$0.00	20 days	Fri 4/5/19	Thu 5/2/19																									

ID	Name	Cost	Duration	Start	Finish	2021				2022				2023				2024				2025				2026				2027				2028				
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
84	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>489 days</b>	<b>Sun 7/1/18</b>	<b>Thu 5/14/20</b>																																	
85	Customer Approval	\$0.00	450 days	Sun 7/1/18	Thu 3/19/20																																	
86	District Approval	\$0.00	40 days	Fri 3/20/20	Thu 5/14/20																																	
87	<b>Construction</b>	<b>\$1,550,000.00</b>	<b>640 days</b>	<b>Thu 10/22/20</b>	<b>Wed 4/5/23</b>																																	
88	Bidding and NTP	\$1,550,000.00	70 days	Thu 10/22/20	Wed 1/27/21																																	
89	Field Activities	\$0.00	450 days	Thu 1/28/21	Wed 10/19/22																																	
90	Startup and Commissioning	\$0.00	30 days	Thu 10/20/22	Wed 11/30/22																																	
91	Project Close-Out	\$0.00	90 days	Thu 12/1/22	Wed 4/5/23																																	
92																																						
93	<b>Bermuda Dunes Country Club</b>	<b>\$3,025,000.00</b>	<b>1243 days</b>	<b>Sun 7/1/18</b>	<b>Wed 4/5/23</b>																																	
94	Design	\$300,000.00	500 days	Sun 7/1/18	Thu 5/28/20																																	
95	CWSRF Loan Application and Approval	\$0.00	655 days	Sun 7/1/18	Thu 12/31/20																																	
96	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>219 days</b>	<b>Sun 7/1/18</b>	<b>Thu 5/2/19</b>																																	
97	Customer Approval	\$0.00	200 days	Sun 7/1/18	Thu 4/4/19																																	
98	District Approval	\$0.00	20 days	Fri 4/5/19	Thu 5/2/19																																	
99	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>489 days</b>	<b>Sun 7/1/18</b>	<b>Thu 5/14/20</b>																																	
100	Customer Approval	\$0.00	450 days	Sun 7/1/18	Thu 3/19/20																																	
101	District Approval	\$0.00	40 days	Fri 3/20/20	Thu 5/14/20																																	
102	<b>Construction</b>	<b>\$2,725,000.00</b>	<b>640 days</b>	<b>Thu 10/22/20</b>	<b>Wed 4/5/23</b>																																	
103	Bidding and NTP	\$2,725,000.00	70 days	Thu 10/22/20	Wed 1/27/21																																	
104	Field Activities	\$0.00	450 days	Thu 1/28/21	Wed 10/19/22																																	





ID	Name	Cost	Duration	Start	Finish	2021		2022				2023				2024				2025				2026				2027				2028			
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
126	Design	\$300,000.00	650 days	Wed 7/1/20	Tue 12/27/22																														
127	CWSRF Loan Application and Approval	\$0.00	520 days	Wed 7/1/20	Tue 6/28/22																														
128	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Wed 7/1/20</b>	<b>Tue 2/22/22</b>																														
129	Customer Approval	\$0.00	400 days	Wed 7/1/20	Tue 1/11/22																														
130	District Approval	\$0.00	30 days	Wed 1/12/22	Tue 2/22/22																														
131	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Wed 7/1/20</b>	<b>Tue 2/22/22</b>																														
132	Customer Approval	\$0.00	400 days	Wed 7/1/20	Tue 1/11/22																														
133	District Approval	\$0.00	30 days	Wed 1/12/22	Tue 2/22/22																														
134	<b>Construction</b>	<b>\$3,000,000.00</b>	<b>635 days</b>	<b>Wed 7/20/22</b>	<b>Tue 12/24/24</b>																														
135	Bidding and NTP Offsite	\$3,000,000.00	150 days	Wed 7/20/22	Tue 2/14/23																														
136	Field Activities Offsite	\$0.00	350 days	Wed 2/15/23	Tue 6/18/24																														
137	Bidding and NTP Onsite	\$0.00	150 days	Wed 12/28/22	Tue 7/25/23																														
138	Construction Onsite	\$0.00	250 days	Wed 7/26/23	Tue 7/9/24																														
139	Startup and Commissioning	\$0.00	30 days	Wed 7/10/24	Tue 8/20/24																														
140	Project Close-Out	\$0.00	90 days	Wed 8/21/24	Tue 12/24/24																														
141																																			
142	<b>Indian Wells Tennis Garden</b>	<b>\$1,080,000.00</b>	<b>1583 days</b>	<b>Wed 7/1/20</b>	<b>Fri 7/24/26</b>																														
143	Design	\$300,000.00	780 days	Wed 7/1/20	Tue 6/27/23																														
144	CWSRF Loan Application and Approval	\$0.00	520 days	Wed 7/1/20	Tue 6/28/22																														
145	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>810 days</b>	<b>Wed 7/1/20</b>	<b>Tue 8/8/23</b>																														
146	Customer Approval	\$0.00	780 days	Wed 7/1/20	Tue 6/27/23																														



ID	Name	Cost	Duration	Start	Finish	2021				2022				2023				2024				2025				2026				2027				2028			
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
168	Field Activities Offsite	\$0.00	350 days	Wed 5/13/20	Tue 9/14/21	[Gantt bar from 5/13/20 to 9/14/21]																															
169	Bidding and NTP Onsite	\$0.00	150 days	Wed 12/28/22	Tue 7/25/23	[Gantt bar from 12/28/22 to 7/25/23]																															
170	Construction Onsite	\$0.00	250 days	Wed 7/26/23	Tue 7/9/24	[Gantt bar from 7/26/23 to 7/9/24]																															
171	Startup and Commissioning	\$0.00	30 days	Wed 7/10/24	Tue 8/20/24	[Gantt bar from 7/10/24 to 8/20/24]																															
172	Project Close-Out	\$0.00	90 days	Wed 8/21/24	Tue 12/24/24	[Gantt bar from 8/21/24 to 12/24/24]																															
173																																					
174	<b>South West Community Church</b>	<b>\$3,300,000.00</b>	<b>1170 days</b>	<b>Wed 7/1/20</b>	<b>Tue 12/24/24</b>	[Gantt bar from 7/1/20 to 12/24/24]																															
175	Design	\$300,000.00	650 days	Wed 7/1/20	Tue 12/27/22	[Gantt bar from 7/1/20 to 12/27/22]																															
176	CWSRF Loan Application and Approval	\$0.00	520 days	Wed 7/1/20	Tue 6/28/22	[Gantt bar from 7/1/20 to 6/28/22]																															
177	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Wed 7/1/20</b>	<b>Tue 2/22/22</b>	[Gantt bar from 7/1/20 to 2/22/22]																															
178	Customer Approval	\$0.00	400 days	Wed 7/1/20	Tue 1/11/22	[Gantt bar from 7/1/20 to 1/11/22]																															
179	District Approval	\$0.00	30 days	Wed 1/12/22	Tue 2/22/22	[Gantt bar from 1/12/22 to 2/22/22]																															
180	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Wed 7/1/20</b>	<b>Tue 2/22/22</b>	[Gantt bar from 7/1/20 to 2/22/22]																															
181	Customer Approval	\$0.00	400 days	Wed 7/1/20	Tue 1/11/22	[Gantt bar from 7/1/20 to 1/11/22]																															
182	District Approval	\$0.00	30 days	Wed 1/12/22	Tue 2/22/22	[Gantt bar from 1/12/22 to 2/22/22]																															
183	<b>Construction</b>	<b>\$3,000,000.00</b>	<b>635 days</b>	<b>Wed 7/20/22</b>	<b>Tue 12/24/24</b>	[Gantt bar from 7/20/22 to 12/24/24]																															
184	Bidding and NTP Offsite	\$3,000,000.00	150 days	Wed 7/20/22	Tue 2/14/23	[Gantt bar from 7/20/22 to 2/14/23]																															
185	Field Activities Offsite	\$0.00	350 days	Wed 2/15/23	Tue 6/18/24	[Gantt bar from 2/15/23 to 6/18/24]																															
186	Bidding and NTP Onsite	\$0.00	150 days	Wed 12/28/22	Tue 7/25/23	[Gantt bar from 12/28/22 to 7/25/23]																															
187	Construction Onsite	\$0.00	250 days	Wed 7/26/23	Tue 7/9/24	[Gantt bar from 7/26/23 to 7/9/24]																															
188	Startup and Commissioning	\$0.00	30 days	Wed 7/10/24	Tue 8/20/24	[Gantt bar from 7/10/24 to 8/20/24]																															
						9 of 25																															



ID	Name	Cost	Duration	Start	Finish	2021				2022				2023				2024				2025				2026				2027				2028			
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
210	CWSRF Loan Application and Approval	\$0.00	520 days	Wed 7/1/20	Tue 6/28/22																																
211	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Wed 7/1/20</b>	<b>Tue 2/22/22</b>																																
212	Customer Approval	\$0.00	400 days	Wed 7/1/20	Tue 1/11/22																																
213	District Approval	\$0.00	30 days	Wed 1/12/22	Tue 2/22/22																																
214	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Wed 7/1/20</b>	<b>Tue 2/22/22</b>																																
215	Customer Approval	\$0.00	400 days	Wed 7/1/20	Tue 1/11/22																																
216	District Approval	\$0.00	30 days	Wed 1/12/22	Tue 2/22/22																																
217	<b>Construction</b>	<b>\$2,700,000.00</b>	<b>635 days</b>	<b>Wed 7/20/22</b>	<b>Tue 12/24/24</b>																																
218	Bidding and NTP Offsite	\$2,700,000.00	150 days	Wed 7/20/22	Tue 2/14/23																																
219	Field Activities Offsite	\$0.00	350 days	Wed 2/15/23	Tue 6/18/24																																
220	Bidding and NTP Onsite	\$0.00	150 days	Wed 12/28/22	Tue 7/25/23																																
221	Construction Onsite	\$0.00	250 days	Wed 7/26/23	Tue 7/9/24																																
222	Startup and Commissioning	\$0.00	30 days	Wed 7/10/24	Tue 8/20/24																																
223	Project Close-Out	\$0.00	90 days	Wed 8/21/24	Tue 12/24/24																																
224																																					
225	<b>Rancho Mirage Country Club</b>	<b>\$3,000,000.00</b>	<b>1170 days</b>	<b>Wed 7/1/20</b>	<b>Tue 12/24/24</b>																																
226	Design	\$300,000.00	650 days	Wed 7/1/20	Tue 12/27/22																																
227	CWSRF Loan Application and Approval	\$0.00	520 days	Wed 7/1/20	Tue 6/28/22																																
228	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Wed 7/1/20</b>	<b>Tue 2/22/22</b>																																
229	Customer Approval	\$0.00	400 days	Wed 7/1/20	Tue 1/11/22																																
230	District Approval	\$0.00	30 days	Wed 1/12/22	Tue 2/22/22																																

ID	Name	Cost	Duration	Start	Finish	2021				2022				2023				2024				2025				2026				2027				2028		
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
231	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Wed 7/1/20</b>	<b>Tue 2/22/22</b>																															
232	Customer Approval	\$0.00	400 days	Wed 7/1/20	Tue 1/11/22																															
233	District Approval	\$0.00	30 days	Wed 1/12/22	Tue 2/22/22																															
234	<b>Construction</b>	<b>\$2,700,000.00</b>	<b>635 days</b>	<b>Wed 7/20/22</b>	<b>Tue 12/24/24</b>																															
235	Bidding and NTP Offsite	\$2,700,000.00	150 days	Wed 7/20/22	Tue 2/14/23																															
236	Field Activities Offsite	\$0.00	350 days	Wed 2/15/23	Tue 6/18/24																															
237	Bidding and NTP Onsite	\$0.00	150 days	Wed 12/28/22	Tue 7/25/23																															
238	Construction Onsite	\$0.00	250 days	Wed 7/26/23	Tue 7/9/24																															
239	Startup and Commissioning	\$0.00	30 days	Wed 7/10/24	Tue 8/20/24																															
240	Project Close-Out	\$0.00	90 days	Wed 8/21/24	Tue 12/24/24																															
241																																				
242	<b>Tamarisk Country Club</b>	<b>\$3,000,000.00</b>	<b>1170 days</b>	<b>Wed 7/1/20</b>	<b>Tue 12/24/24</b>																															
243	Design	\$300,000.00	650 days	Wed 7/1/20	Tue 12/27/22																															
244	CWSRF Loan Application and Approval	\$0.00	520 days	Wed 7/1/20	Tue 6/28/22																															
245	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Wed 7/1/20</b>	<b>Tue 2/22/22</b>																															
246	Customer Approval	\$0.00	400 days	Wed 7/1/20	Tue 1/11/22																															
247	District Approval	\$0.00	30 days	Wed 1/12/22	Tue 2/22/22																															
248	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Wed 7/1/20</b>	<b>Tue 2/22/22</b>																															
249	Customer Approval	\$0.00	400 days	Wed 7/1/20	Tue 1/11/22																															
250	District Approval	\$0.00	30 days	Wed 1/12/22	Tue 2/22/22																															
251	<b>Construction</b>	<b>\$2,700,000.00</b>	<b>635 days</b>	<b>Wed 7/20/22</b>	<b>Tue 12/24/24</b>																															





ID	Name	Cost	Duration	Start	Finish	2021	2022	2023	2024	2025	2026	2027	2028
						Q3   Q4	Q1   Q2   Q3   Q4	Q1   Q2   Q3   Q4	Q1   Q2   Q3   Q4	Q1   Q2   Q3   Q4	Q1   Q2   Q3   Q4	Q1   Q2   Q3   Q4	Q1   Q2   Q3
273	CWSRF Loan application and approval	\$0.00	780 days	Fri 7/1/22	Thu 6/26/25								
274	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>500 days</b>	<b>Fri 7/1/22</b>	<b>Thu 5/30/24</b>								
275	Customer Approval	\$0.00	450 days	Fri 7/1/22	Thu 3/21/24								
276	District Approval	\$0.00	50 days	Fri 3/22/24	Thu 5/30/24								
277	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>500 days</b>	<b>Fri 7/1/22</b>	<b>Thu 5/30/24</b>								
278	Customer Approval	\$0.00	450 days	Fri 7/1/22	Thu 3/21/24								
279	District Approval	\$0.00	50 days	Fri 3/22/24	Thu 5/30/24								
280	<b>Construction</b>	<b>\$800,000.00</b>	<b>570 days</b>	<b>Fri 6/27/25</b>	<b>Thu 9/2/27</b>								
281	Bidding and NTP	\$800,000.00	100 days	Fri 6/27/25	Thu 11/13/25								
282	Field Activities	\$0.00	350 days	Fri 11/14/25	Thu 3/18/27								
283	Startup and Commissioning	\$0.00	30 days	Fri 3/19/27	Thu 4/29/27								
284	Project Close-Out	\$0.00	90 days	Fri 4/30/27	Thu 9/2/27								
285													
286	<b>Springs Country Club</b>	<b>\$6,756,000.00</b>	<b>1350 days</b>	<b>Fri 7/1/22</b>	<b>Thu 9/2/27</b>								
287	Design	\$300,000.00	400 days	Fri 7/1/22	Thu 1/11/24								
288	CWSRF Loan application and approval	\$0.00	780 days	Fri 7/1/22	Thu 6/26/25								
289	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>500 days</b>	<b>Fri 7/1/22</b>	<b>Thu 5/30/24</b>								
290	Customer Approval	\$0.00	450 days	Fri 7/1/22	Thu 3/21/24								
291	District Approval	\$0.00	50 days	Fri 3/22/24	Thu 5/30/24								
292	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>500 days</b>	<b>Fri 7/1/22</b>	<b>Thu 5/30/24</b>								
293	Customer Approval	\$0.00	450 days	Fri 7/1/22	Thu 3/21/24								

ID	Name	Cost	Duration	Start	Finish	2021			2022			2023			2024			2025			2026			2027			2028		
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
294	District Approval	\$0.00	50 days	Fri 3/22/24	Thu 5/30/24																								
295	<b>Construction</b>	<b>\$6,456,000.00</b>	<b>570 days</b>	<b>Fri 6/27/25</b>	<b>Thu 9/2/27</b>																								
296	Bidding and NTP	\$0.00	100 days	Fri 6/27/25	Thu 11/13/25																								
297	Field Activities	\$800,000.00	350 days	Fri 11/14/25	Thu 3/18/27																								
298	Startup and Commissioning	\$0.00	30 days	Fri 3/19/27	Thu 4/29/27																								
299	Project Close-Out	\$0.00	90 days	Fri 4/30/27	Thu 9/2/27																								
300																													
301	<b>Ford Elementary</b>	<b>\$5,956,000.00</b>	<b>1350 days</b>	<b>Fri 7/1/22</b>	<b>Thu 9/2/27</b>																								
302	Design	\$300,000.00	400 days	Fri 7/1/22	Thu 1/11/24																								
303	CWSRF Loan application and approval	\$0.00	780 days	Fri 7/1/22	Thu 6/26/25																								
304	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>500 days</b>	<b>Fri 7/1/22</b>	<b>Thu 5/30/24</b>																								
305	Customer Approval	\$0.00	450 days	Fri 7/1/22	Thu 3/21/24																								
306	District Approval	\$0.00	50 days	Fri 3/22/24	Thu 5/30/24																								
307	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>500 days</b>	<b>Fri 7/1/22</b>	<b>Thu 5/30/24</b>																								
308	Customer Approval	\$0.00	450 days	Fri 7/1/22	Thu 3/21/24																								
309	District Approval	\$0.00	50 days	Fri 3/22/24	Thu 5/30/24																								
310	<b>Construction</b>	<b>\$5,656,000.00</b>	<b>570 days</b>	<b>Fri 6/27/25</b>	<b>Thu 9/2/27</b>																								
311	Bidding and NTP	\$0.00	100 days	Fri 6/27/25	Thu 11/13/25																								
312	Field Activities	\$0.00	350 days	Fri 11/14/25	Thu 3/18/27																								
313	Startup and Commissioning	\$0.00	30 days	Fri 3/19/27	Thu 4/29/27																								
314	Project Close-Out	\$0.00	90 days	Fri 4/30/27	Thu 9/2/27																								
15 of 25																													

ID	Name	Cost	Duration	Start	Finish	2021		2022		2023		2024		2025		2026		2027		2028		
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
315																						
316	<b>Mission Hills</b>	<b>\$3,738,000.00</b>	<b>1342 days</b>	<b>Tue 7/1/25</b>	<b>Wed 8/21/30</b>																	
317	Design	\$300,000.00	500 days	Tue 7/1/25	Mon 5/31/27																	
318	CWSRF Loan Application and Approval	\$0.00	520 days	Tue 7/1/25	Mon 6/28/27																	
319	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Tue 7/1/25</b>	<b>Mon 2/22/27</b>																	
320	Customer Approval	\$0.00	400 days	Tue 7/1/25	Mon 1/11/27																	
321	District Approval	\$0.00	30 days	Tue 1/12/27	Mon 2/22/27																	
322	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Tue 7/1/25</b>	<b>Mon 2/22/27</b>																	
323	Customer Approval	\$0.00	400 days	Tue 7/1/25	Mon 1/11/27																	
324	District Approval	\$0.00	30 days	Tue 1/12/27	Mon 2/22/27																	
325	<b>Construction</b>	<b>\$3,438,000.00</b>	<b>820 days</b>	<b>Thu 7/1/27</b>	<b>Wed 8/21/30</b>																	
326	Field Activities	\$3,438,000.00	800 days	Thu 7/1/27	Wed 7/24/30																	
327	Startup	\$0.00	20 days	Thu 7/25/30	Wed 8/21/30																	
328																						
329	<b>Westin Mission Hills</b>	<b>\$5,563,000.00</b>	<b>1342 days</b>	<b>Tue 7/1/25</b>	<b>Wed 8/21/30</b>																	
330	Design	\$238,000.00	500 days	Tue 7/1/25	Mon 5/31/27																	
331	CWSRF Loan Application and Approval	\$0.00	520 days	Tue 7/1/25	Mon 6/28/27																	
332	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Tue 7/1/25</b>	<b>Mon 2/22/27</b>																	
333	Customer Approval	\$0.00	400 days	Tue 7/1/25	Mon 1/11/27																	
334	District Approval	\$0.00	30 days	Tue 1/12/27	Mon 2/22/27																	
335	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Tue 7/1/25</b>	<b>Mon 2/22/27</b>																	

ID	Name	Cost	Duration	Start	Finish	2020	2021	2022	2023	2024	2025	2026	2027	2028
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
336	Customer Approval	\$0.00	400 days	Tue 7/1/25	Mon 1/11/27									
337	District Approval	\$0.00	30 days	Tue 1/12/27	Mon 2/22/27									
338	<b>Construction</b>	<b>\$5,325,000.00</b>	<b>820 days</b>	<b>Thu 7/1/27</b>	<b>Wed 8/21/30</b>									
339	Field Activities	\$5,325,000.00	800 days	Thu 7/1/27	Wed 7/24/30									
340	Startup	\$0.00	20 days	Thu 7/25/30	Wed 8/21/30									
341														
342	<b>Forest Lawn</b>	<b>\$1,500,272.00</b>	<b>1342 days</b>	<b>Tue 7/1/25</b>	<b>Wed 8/21/30</b>									
343	Design	\$300,000.00	500 days	Tue 7/1/25	Mon 5/31/27									
344	CWSRF Loan Application and Approval	\$0.00	520 days	Tue 7/1/25	Mon 6/28/27									
345	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Tue 7/1/25</b>	<b>Mon 2/22/27</b>									
346	Customer Approval	\$0.00	400 days	Tue 7/1/25	Mon 1/11/27									
347	District Approval	\$0.00	30 days	Tue 1/12/27	Mon 2/22/27									
348	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Tue 7/1/25</b>	<b>Mon 2/22/27</b>									
349	Customer Approval	\$0.00	400 days	Tue 7/1/25	Mon 1/11/27									
350	District Approval	\$0.00	30 days	Tue 1/12/27	Mon 2/22/27									
351	<b>Construction</b>	<b>\$1,200,272.00</b>	<b>820 days</b>	<b>Thu 7/1/27</b>	<b>Wed 8/21/30</b>									
352	Field Activities	\$1,200,272.00	800 days	Thu 7/1/27	Wed 7/24/30									
353	Startup	\$0.00	20 days	Thu 7/25/30	Wed 8/21/30									
354														
355	<b>Outdoor Resort RV Park Connection</b>	<b>\$3,838,000.00</b>	<b>1342 days</b>	<b>Tue 7/1/25</b>	<b>Wed 8/21/30</b>									
356	Design	\$300,000.00	500 days	Tue 7/1/25	Mon 5/31/27									

ID	Name	Cost	Duration	Start	Finish	2021				2022				2023				2024				2025				2026				2027				2028					
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
357	CWSRF Loan Application and Approval	\$0.00	520 days	Tue 7/1/25	Mon 6/28/27																																		
358	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Tue 7/1/25</b>	<b>Mon 2/22/27</b>																																		
359	Customer Approval	\$0.00	400 days	Tue 7/1/25	Mon 1/11/27																																		
360	District Approval	\$0.00	30 days	Tue 1/12/27	Mon 2/22/27																																		
361	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>430 days</b>	<b>Tue 7/1/25</b>	<b>Mon 2/22/27</b>																																		
362	Customer Approval	\$0.00	400 days	Tue 7/1/25	Mon 1/11/27																																		
363	District Approval	\$0.00	30 days	Tue 1/12/27	Mon 2/22/27																																		
364	<b>Construction</b>	<b>\$3,538,000.00</b>	<b>820 days</b>	<b>Thu 7/1/27</b>	<b>Wed 8/21/30</b>																																		
365	Field Activities	\$3,538,000.00	800 days	Thu 7/1/27	Wed 7/24/30																																		
366	Startup	\$0.00	20 days	Thu 7/25/30	Wed 8/21/30																																		
367																																							
368	<b>Indian Wells County Club Deep Canyon Branch</b>	<b>\$3,990,000.00</b>	<b>942 days</b>	<b>Wed 7/1/26</b>	<b>Thu 2/7/30</b>																																		
369	Design and Bids	\$190,000.00	280 days	Wed 7/1/26	Tue 7/27/27																																		
370	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>230 days</b>	<b>Wed 7/1/26</b>	<b>Tue 5/18/27</b>																																		
371	Customer Approval	\$0.00	200 days	Wed 7/1/26	Tue 4/6/27																																		
372	District Approval	\$0.00	30 days	Wed 4/7/27	Tue 5/18/27																																		
373	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>230 days</b>	<b>Wed 7/1/26</b>	<b>Tue 5/18/27</b>																																		
374	Customer Approval	\$0.00	200 days	Wed 7/1/26	Tue 4/6/27																																		
375	District Approval	\$0.00	30 days	Wed 4/7/27	Tue 5/18/27																																		
376	<b>Construction</b>	<b>\$3,800,000.00</b>	<b>419 days</b>	<b>Sat 7/1/28</b>	<b>Thu 2/7/30</b>																																		

ID	Name	Cost	Duration	Start	Finish	2021		2022		2023		2024		2025		2026		2027		2028		
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
377	Field Activities	\$2,950,000.00	400 days	Sat 7/1/28	Thu 1/10/30																	
378	Connected	\$0.00	20 days	Fri 1/11/30	Thu 2/7/30																	
379																						
380	<b>El Dorado Country Club</b>	<b>\$3,990,000.00</b>	<b>942 days</b>	<b>Wed 7/1/26</b>	<b>Thu 2/7/30</b>																	
381	Design and Bids	\$190,000.00	280 days	Wed 7/1/26	Tue 7/27/27																	
382	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>230 days</b>	<b>Wed 7/1/26</b>	<b>Tue 5/18/27</b>																	
383	Customer Approval	\$0.00	200 days	Wed 7/1/26	Tue 4/6/27																	
384	District Approval	\$0.00	30 days	Wed 4/7/27	Tue 5/18/27																	
385	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>230 days</b>	<b>Wed 7/1/26</b>	<b>Tue 5/18/27</b>																	
386	Customer Approval	\$0.00	200 days	Wed 7/1/26	Tue 4/6/27																	
387	District Approval	\$0.00	30 days	Wed 4/7/27	Tue 5/18/27																	
388	<b>Construction</b>	<b>\$3,800,000.00</b>	<b>419 days</b>	<b>Sat 7/1/28</b>	<b>Thu 2/7/30</b>																	
389	Field Activities	\$2,950,000.00	400 days	Sat 7/1/28	Thu 1/10/30																	
390	Connected	\$0.00	20 days	Fri 1/11/30	Thu 2/7/30																	
391																						
392	<b>Shadow Hills High School Connection</b>	<b>\$5,856,000.00</b>	<b>1350 days</b>	<b>Fri 7/1/22</b>	<b>Thu 9/2/27</b>																	
393	Design	\$200,000.00	400 days	Fri 7/1/22	Thu 1/11/24																	
394	CWSRF Loan Application and Approval	\$0.00	780 days	Fri 7/1/22	Thu 6/26/25																	
395	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>500 days</b>	<b>Fri 7/1/22</b>	<b>Thu 5/30/24</b>																	
396	Customer Approval	\$0.00	450 days	Fri 7/1/22	Thu 3/21/24																	
397	District Approval	\$0.00	50 days	Fri 3/22/24	Thu 5/30/24																	







ID	Name	Cost	Duration	Start	Finish	2021	2022	2023	2024	2025	2026	2027	2028		
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
439	SRF loan application and approval	\$0.00	522 days	Fri 7/1/22	Sun 6/30/24										
440	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>240 days</b>	<b>Wed 5/1/19</b>	<b>Tue 3/31/20</b>										
441	Customer Approval	\$0.00	220 days	Wed 5/1/19	Tue 3/3/20										
442	District Approval	\$0.00	20 days	Wed 3/4/20	Tue 3/31/20										
443	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>320 days</b>	<b>Mon 7/1/19</b>	<b>Fri 9/18/20</b>										
444	Customer Approval	\$0.00	220 days	Mon 7/1/19	Fri 5/1/20										
445	District Approval	\$0.00	100 days	Mon 5/4/20	Fri 9/18/20										
446	<b>Construction</b>	<b>\$1,050,000.00</b>	<b>470 days</b>	<b>Mon 7/1/24</b>	<b>Fri 4/17/26</b>										
447	Bidding and NTP	\$200,000.00	100 days	Mon 7/1/24	Fri 11/15/24										
448	Field Activities	\$0.00	250 days	Mon 11/18/24	Fri 10/31/25										
449	Startup and Commissioning	\$0.00	30 days	Mon 11/3/25	Fri 12/12/25										
450	Project Close-Out	\$0.00	90 days	Mon 12/15/25	Fri 4/17/26										
451															
452	<b>Garden Fellowship NPW Connection</b>	<b>\$550,000.00</b>	<b>2147 days</b>	<b>Wed 6/12/19</b>	<b>Thu 9/2/27</b>										
453	Design	\$150,000.00	400 days	Wed 6/12/19	Tue 12/22/20										
454	SRF loan application and approval	\$0.00	780 days	Fri 7/1/22	Thu 6/26/25										
455	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>500 days</b>	<b>Fri 7/1/22</b>	<b>Thu 5/30/24</b>										
456	Customer Approval	\$0.00	450 days	Fri 7/1/22	Thu 3/21/24										
457	District Approval	\$0.00	50 days	Fri 3/22/24	Thu 5/30/24										
458	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>500 days</b>	<b>Fri 7/1/22</b>	<b>Thu 5/30/24</b>										
459	Customer Approval	\$0.00	450 days	Fri 7/1/22	Thu 3/21/24										

ID	Name	Cost	Duration	Start	Finish	Q3   Q4	2021 Q1   Q2   Q3   Q4	2022 Q1   Q2   Q3   Q4	2023 Q1   Q2   Q3   Q4	2024 Q1   Q2   Q3   Q4	2025 Q1   Q2   Q3   Q4	2026 Q1   Q2   Q3   Q4	2027 Q1   Q2   Q3   Q4	2028 Q1   Q2   Q3
460	District Approval	\$0.00	50 days	Fri 3/22/24	Thu 5/30/24									
461	<b>Construction</b>	<b>\$400,000.00</b>	<b>570 days</b>	<b>Fri 6/27/25</b>	<b>Thu 9/2/27</b>									
462	Bidding and NTP	\$0.00	100 days	Fri 6/27/25	Thu 11/13/25									
463	Field Activities	\$0.00	350 days	Fri 11/14/25	Thu 3/18/27									
464	Startup and Commissioning	\$0.00	30 days	Fri 3/19/27	Thu 4/29/27									
465	Project Close-Out	\$0.00	90 days	Fri 4/30/27	Thu 9/2/27									
466														
467	<b>Grimmway Farms</b>	<b>\$2,300,000.00</b>	<b>1302 days</b>	<b>Thu 7/1/21</b>	<b>Fri 6/26/26</b>									
468	Design	\$300,000.00	457 days	Thu 7/1/21	Fri 3/31/23									
469	CWSRF Loan Application and Approval	\$0.00	780 days	Thu 7/1/21	Wed 6/26/24									
470	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>320 days</b>	<b>Thu 7/1/21</b>	<b>Wed 9/21/22</b>									
471	Customer Approval	\$0.00	300 days	Thu 7/1/21	Wed 8/24/22									
472	District Approval	\$0.00	20 days	Thu 8/25/22	Wed 9/21/22									
473	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>360 days</b>	<b>Thu 7/1/21</b>	<b>Wed 11/16/22</b>									
474	Customer Approval	\$0.00	300 days	Thu 7/1/21	Wed 8/24/22									
475	District Approval	\$0.00	60 days	Thu 8/25/22	Wed 11/16/22									
476	<b>Construction</b>	<b>\$2,000,000.00</b>	<b>520 days</b>	<b>Mon 7/1/24</b>	<b>Fri 6/26/26</b>									
477	Field Activities	\$2,000,000.00	500 days	Mon 7/1/24	Fri 5/29/26									
478	Startup	\$0.00	20 days	Mon 6/1/26	Fri 6/26/26									
479														
480	<b>Ocean Mist</b>	<b>\$2,300,000.00</b>	<b>1302 days</b>	<b>Thu 7/1/21</b>	<b>Fri 6/26/26</b>									

ID	Name	Cost	Duration	Start	Finish	2021	2022	2023	2024	2025	2026	2027	2028						
						Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
481	Design	\$300,000.00	457 days	Thu 7/1/21	Fri 3/31/23														
482	CWSRF Loan Application and Approval	\$0.00	780 days	Thu 7/1/21	Wed 6/26/24														
483	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>320 days</b>	Thu 7/1/21	Wed 9/21/22														
484	Customer Approval	\$0.00	300 days	Thu 7/1/21	Wed 8/24/22														
485	District Approval	\$0.00	20 days	Thu 8/25/22	Wed 9/21/22														
486	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>360 days</b>	Thu 7/1/21	Wed 11/16/22														
487	Customer Approval	\$0.00	300 days	Thu 7/1/21	Wed 8/24/22														
488	District Approval	\$0.00	60 days	Thu 8/25/22	Wed 11/16/22														
489	<b>Construction</b>	<b>\$2,000,000.00</b>	<b>520 days</b>	Mon 7/1/24	Fri 6/26/26														
490	Field Activities	\$2,000,000.00	500 days	Mon 7/1/24	Fri 5/29/26														
491	Startup	\$0.00	20 days	Mon 6/1/26	Fri 6/26/26														
492																			
493	<b>West Coast Turf</b>	<b>\$2,300,000.00</b>	<b>1302 days</b>	Thu 7/1/21	Fri 6/26/26														
494	Design	\$300,000.00	457 days	Thu 7/1/21	Fri 3/31/23														
495	CWSRF Loan Application and Approval	\$0.00	780 days	Thu 7/1/21	Wed 6/26/24														
496	<b>NPW Service Agreement</b>	<b>\$0.00</b>	<b>320 days</b>	Thu 7/1/21	Wed 9/21/22														
497	Customer Approval	\$0.00	300 days	Thu 7/1/21	Wed 8/24/22														
498	District Approval	\$0.00	20 days	Thu 8/25/22	Wed 9/21/22														
499	<b>NPW Installation Agreement</b>	<b>\$0.00</b>	<b>360 days</b>	Thu 7/1/21	Wed 11/16/22														
500	Customer Approval	\$0.00	300 days	Thu 7/1/21	Wed 8/24/22														
501	District Approval	\$0.00	60 days	Thu 8/25/22	Wed 11/16/22														

ID	Name	Cost	Duration	Start	Finish	Q3	Q4	2021				2022				2023				2024				2025				2026				2027				2028						
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3				
502	<b>Construction</b>	\$2,000,000.00	520 days	Mon 7/1/24	Fri 6/26/26																																					
503	Field Activities	\$2,000,000.00	500 days	Mon 7/1/24	Fri 5/29/26																																					
504	Startup	\$0.00	20 days	Mon 6/1/26	Fri 6/26/26																																					
505																																										
506	<b>Madison Club - Ave 54 Connection (East Valley)</b>	\$750,000.00	369 days	Mon 2/1/21	Thu 6/30/22																																					
507	Design	\$100,000.00	108 days	Mon 2/1/21	Wed 6/30/21																																					
508	<b>NPW Service Agreement</b>	\$0.00	108 days	Mon 2/1/21	Wed 6/30/21																																					
509	Customer Approval	\$0.00	65 days	Mon 2/1/21	Fri 4/30/21																																					
510	District Approval	\$0.00	22 days	Mon 5/3/21	Tue 6/1/21																																					
511	<b>NPW Installation Agreement</b>	\$0.00	87 days	Mon 2/1/21	Tue 6/1/21																																					
512	Customer Approval	\$0.00	65 days	Mon 2/1/21	Fri 4/30/21																																					
513	District Approval	\$0.00	22 days	Mon 5/3/21	Tue 6/1/21																																					
514	<b>Construction</b>	\$650,000.00	149 days	Mon 12/6/21	Thu 6/30/22																																					
515	Field Activities	\$650,000.00	140 days	Mon 12/6/21	Fri 6/17/22																																					
516	Connected	\$0.00	9 days	Mon 6/20/22	Thu 6/30/22																																					

## Regional Stormwater Projects

### Projects/Issues:

Coachella Valley Stormwater Channel (CVSC): Construction is at 65% completion. The contractor is grading, compacting, dewatering, setting rebar and pouring concrete. To date, four access ramps, over 2 miles of slope protection, and over 800 feet of channel invert lining have been completed.

#### *Current status:*

- Concrete work continues near the east slope between Airport Boulevard Bridge and UPRR Bridges.
- Work underneath HWY 111 is completed; Contractor is currently excavating and dewatering the 30-foot-deep stilling basin.
- Installation of a stilling basin south of Airport Boulevard bridge is complete.
- Low flow channel north of Airport Boulevard bridge (one mile) is complete and functional.
- The stilling basin site downstream of Airport Boulevard bridge is being used for detention basin to settle sediments and divert the flow to the low flow diversion on the west bank slope.
- The relocation and tie-ins of the Irrigation Lateral 99.8-0.51 is complete, and the lateral is now fully operational.

North Indio Flood Control System - Phase 2: Construction is at 30% completion.

#### *Current work activities:*

- *Concrete channel lining:*
  - a) Completed concrete channel up to the future entrance into the España Development (Montello Drive) from Avenue 40.
  - b) Main Channel: the north to south portion of the main channel from Adams Street to Avenue 40 is nearly complete with the exception of junctions, geometric shape transitions, rectangular sections and road crossings (At Avenue 38, Avenue 39, and Avenue 40).
  - c) In-progress:
    - i. Main channel along Avenue 40 is in progress
    - ii. Sun City Shadow Hills (SCSH): Construction of slope protection is ongoing.
    - iii. Soil excavation and export is nearly complete.
- *Construction activities related to Culverts and Road Crossings:*
  - a) Avenue 39 reinforced concrete box (RCB) crossing (under the roadway) is complete and is currently, fully operational to the public and DSUSD.
  - b) Avenue 40 RCB near the intersection of Avenue 40 and Jefferson is ongoing. This work does not require a road closure.

- c) Majorca RCB crossing (south of Avenue 39 within the España Development) is 95% complete. This culvert crossing does not require a road closure.
- d) Montello Drive (Avenue 40 entry to España Development): the relocation of wet utilities (18-inch water and 8-inch sewer pipeline) was complete. The contractor has commenced excavation for the construction of the future RCB crossing into the España/ Lennar Development.

East Side Dike Phase 1 (Dune Palms Road to I-10) - FEMA Levee Certification: Letter of Map Revision (LOMR) application to FEMA requires an Emergency Preparedness Plan (EPP) to be submitted with the LOMR package. EPP submitted to FEMA in November. CVWD coordinating follow up meeting with FEMA.

Thousand Palms Flood Control Project: The Board of Directors approved the final Environmental Impact Report and adopted the Mitigation, Monitoring, and Reporting Program for the Project. A Request for Proposals will be developed to obtain a consultant to support the land acquisition needs of the Project.

East Side Dike Phase 2 (Interstate 10 to North Shore): Alternatives for improvements have been discussed with Riverside County as three of the alternatives impact Box Canyon Road. The next step is to coordinate a meeting to review with Facilities and Maintenance in January 2023.

WRP 4 Site LOMR: LOMR submittal under internal review. The submittal of the LOMR report to FEMA is on hold for future submittal along with the LOMR for the CVSC Improvements from Ave 54 to Thermal Drop Project.

East Side Dike Realignment – Wasteway No. 3 to Dillon Road: Environmental documentation process has commenced. Consultant has submitted 90% plan and specifications for review. CVWD also to incorporate future access for O&M for the adjacent community provided they satisfy the requirements to utilize USBR ROW.

Thousand Palms Channel Improvement- Sun City Shadow Hills to the CVSC: Bi-weekly coordination meetings are ongoing. A 30% plan design workshop was held on December 5, 2022 for internal review with Facilities and Maintenance. Consultant is finalizing 30% plans for CVWD review.

North Cathedral City Improvement Project – Phase I: Plans are 90% complete. Engineering Consultant is working with Union Pacific Railroad (UPRR) to perform additional potholes on the Kinder-Morgan petroleum line adjacent to UPRR lines. Work is scheduled for December.

## ENVIRONMENTAL SERVICES

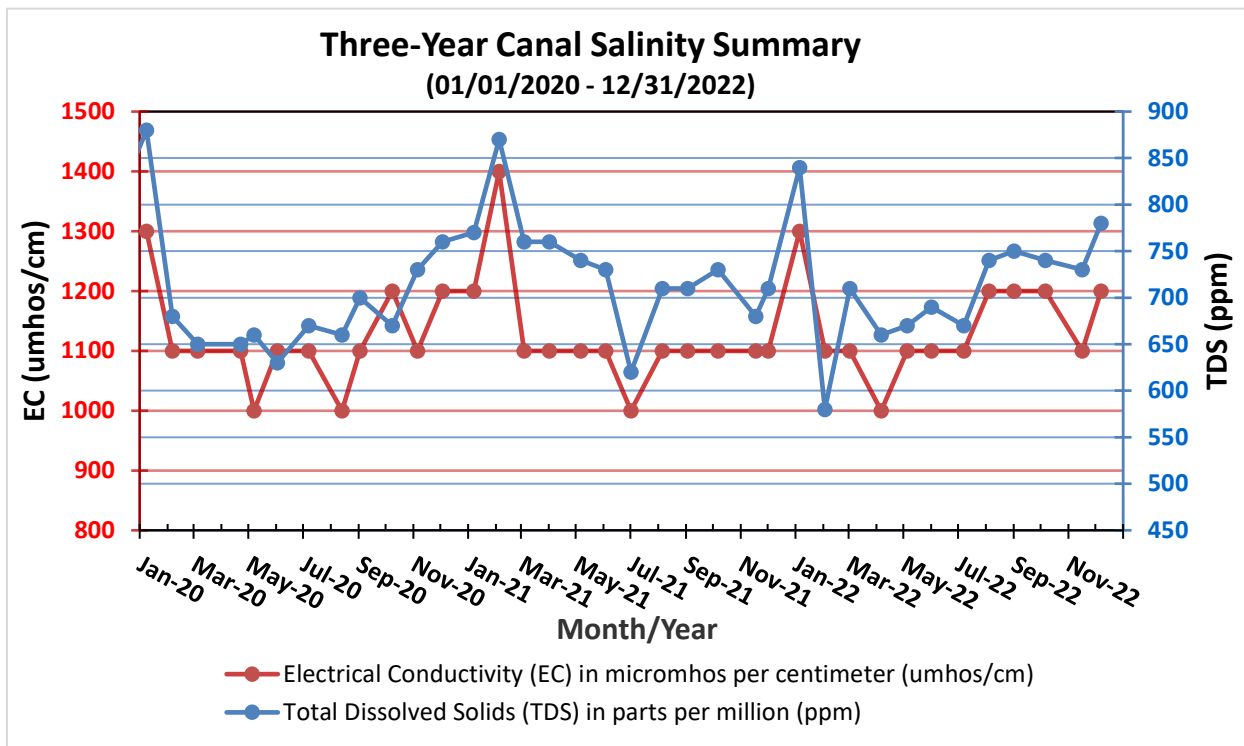
The Environmental Services Department is organized into seven divisions that develop and implement programs to comply with local, state, and federal regulations protecting water quality and environmental resources.

### Canal Water

**Canal Salinity Analyses:**

Monitoring Period	Sample Date	Electrical Conductivity (Micromhos/cm)	Total Dissolved Solids (Parts per M)
Present reading	12/7/2022	1,200	780
One month ago	11/16/2022	1,100	730
One year ago	12/1/2021	1,100	710

Graph Description: The graph below represents the past three years of total dissolved solids and electrical conductivity data collected at a Coachella Canal sample point.



## Environmental Management

### **Coachella Canal Projects:**

#### CCLP-Dos Palmas

Full annual water recharge allocation was met totaling 4697AF of recharge and 153 AF to animal drinkers for a total of 4850 AF annually. Annual Salt Creek discharge through the USGS gauge exceeded the mitigation objective target of 623 AF, by approximately 10 AF for a total of 633 AF. Conditions in the Dos Palmas marsh and Salt Creek continue to improve and be sustained as CVWD and partners work to close out the project. A mitigation obligation summary report has been drafted, as well as a technical memo addressing the EIR commitments regarding Marsh acreage has been sent to the USFWS to clarify discussion and commitments of the CCLP. The 2021 Water Supply Report has been completed, and the 2023 CCLP OM &R budget developed and finalized.

#### CCLP-Desert Riparian Mitigation

The EMG has continued to develop options for Desert Riparian mitigation obligations. These options include a revision of the alternatives analysis, currently underway which includes the San Andreas pipeline proposal, off-site development at the Wister unit in coordination with CDFW, and onsite desert riparian establishment at Dos Palmas.

#### Mid-Canal Storage Project

CVWD has initiated a public review and comment period for the Mid Canal Storage draft IS/MND. This period will end on Jan 23, 2023, with Board approval following in February.

### **Domestic Projects:**

#### Valley View Mobile Home Park Water Consolidation-Phase IIA-2

No change in December: Woodward and Curran has presented a scope of work and cost estimate to CVWD Engineering for review which Engineering has accepted and gone to Board for approval. The CEQA addendum is underway.

### **Sanitation Projects:**

#### Sanitation Master Plan Update

ESD finalized the Sanitation master Plan Update Final PEIR on December 13, 2022, along with a MMRP, and Findings of Facts. A Notice of determination was filed with the Riverside County Clerk and State Clearinghouse. Responses to commenters were delivered ahead of the Board meeting with no objections voiced.

### **Groundwater Replenishment Projects:**

#### Whitewater Groundwater Replenishment Right-of-Way Lease

No Change in November-December, September 2022: CVWD has been working with consulting staff to address the comments received from the BIA on the EIR and will incorporate the BLMs response to the expected similar BAI comments on the EIS. Draft responses have been reviewed and are being revised based on staff feedback. CVWD expected to take the FEIR to Board following the BLM's filing of the Record of Decision, expected in January 2023.



### Palm Desert Groundwater Replenishment Facility

ESA has performed some preliminary field work at the Garfield site to confirm the non-wetland status and conceptual restoration design features. An information request to CVWD has been responded to and draft document development is underway.

### **Storm Water Projects:**

#### Thousand Palms Flood Control Project

Final EIR documents were approved by the Board on December 13, 2022. An MMRP, Findings of Facts, and Statement of Overriding Considerations was included. A Notice of Determination was completed and filed with the State Clearinghouse and Riverside County Clerk.

#### CVSC 54-Thermal

No new update in December. February: Environmental prepared a proposal scope of work to CDFW for the netting of the HWY 111 Bridge over the CVSC in Mecca. The netting would prevent the nesting of swallows and roosting bats, as to prevent conflict with activities during Construction. The proposal was approved by CDFW with the provision for intensive monitoring, to which CVWD is evaluating the feasibility. Currently the proposal remains an option but is unlikely to be implemented due to the frequency of monitoring needed.

#### Thousand Palms Channel

No new update in December. July: ESD has participated in the design review for the project in particular focusing on developing a self-mitigation project by looking at potential options to offset impacts to jurisdictional waters through an expansion of jurisdictional (channel width) where beneficial to the project. ESD has also participated in review of the avenue 42 road crossing design development. An Initial Study/ proposed MND is currently being initiated for the project under CEQA. A regular meeting time has been established and development of the CEQA document is initiated. Preparation of technical appendices for biological and cultural resources are underway.

#### East Side Dike Realignment:

No new update in December. September: Biological Surveys have been conducted and draft report is under review. ESD has worked with engineering and consultants to update project work limits and develop figures of the revised 90% design plans to share with the funding agency staff for coordination and approval of the Cultural Resource report study limits, and currently waiting for approval.

#### North Indio Flood Control Project

No New updates in December. October 2022: Additional findings of scattered artifacts have been encountered within the avenue 39 ESA. These items have been collected and recorded in coordination with the Tribes. CVWD continues to coordinate with Agua Caliente and Cabazon tribes for the treatment of archeological resources and human remains encountered on the project site. Task Orders for Cultural and Archeological monitoring have been exceeded or are projected to be exceeded and have resulted in increases applied to the project contingency. Multiple requests for revised invoices from the Agua Caliente have not been addressed, causing a backlog of unpaid invoices. Staff continue to remind and reach out to the tribe on the issue.

**Cook Street Slope Lining Project**

CDFW, CVCC, and CVWD met for a Meet and Confer meeting in November 2022. The meeting was used to discuss perspectives on the CVMSHCP coverage and authorizations for covered projects. Although specific resolution was not a result, progress was made in determining what information is needed to continue the discussion. An additional meeting is expected in January 2023. CDFW has indicated some topics, such as the determination of applicable project impacts requiring mitigation, may not be subject to the Meet and Confer process, and may seek coordination with CVWD within the standard 1600 permit process, and potentially arbitration. BB&K has been brought in to advise and inform CVWD in the process.

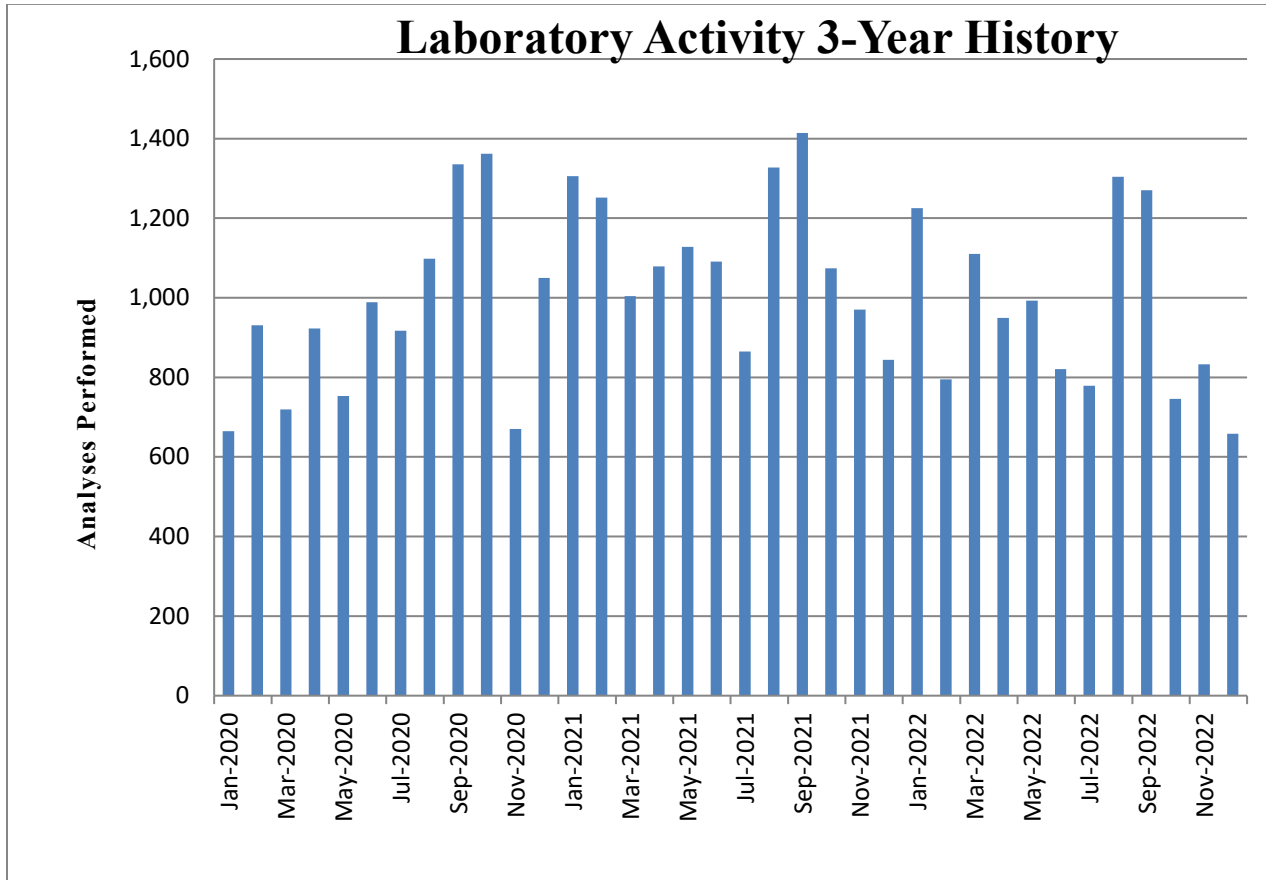
**North Cathedral City Flood Control Project**

A final draft IS-MND/ EA FONSI has been reviewed by BLM and is being update by the Project consulting firm MBI. A Draft Biological Assessment was sent to the BLM and finalized in review for use in formal section 7 consultation regarding Coachella Valley Fringe Toed lizards and Coachella Valley Milk Vetch, Consultation is expected to be initiated in January 2023.

**Agricultural Drainage:****Johnson Street Created Habitat Mitigation Project**

No New Update in November December, April 2022: Environmental has requested updates from USFWS and CDFW and not yet received a response. Staff has reached out to CVCC administrators to request coordination in providing a joint response from the Wildlife agencies.

# Laboratory



**Activity Report:**

	12 Month Total	Monthly Average	This Month
Analyses Performed	11475	956	650

## Regional Water Resources Planning

### **Coachella Valley Salt and Nutrient Management Plan (CV-SNMP):**

The CV-SNMP Agencies continue to make progress towards filling gaps identified in the monitoring network by December 31, 2026. In December 2022, the Technical Support Services (TSS) applications submitted to the Department of Water Resources (DWR) for the Indio and Mission Creek Subbasins received DWR manager approval. DWR's TSS would fund construction of the remaining monitoring wells to fill data gaps identified as in the CV-SNMP. The CV-SNMP Agencies are now beginning work on documentation and coordinating land access and other details needed to obtain TSS. The CV-SNMP agencies have constructed 9 monitoring wells of the 23 gap wells, 6 of which were primarily funded through a grant to CVWD from the Coachella Valley Mountain Conservancy (CVMC). The remaining gap wells in the Indio and Mission Creek Subbasins were included in the TSS application.

Two monitoring wells needed in Desert Hot Springs Subbasin were requested to be funded through the second round of CVMC Grant Program. The CVMC Board will consider approval of CVWD's \$160,000 request at their January 9, 2023, Board Meeting.

The monthly CV-SNMP Steering Committee meeting was held on December 28. West Yost and the Steering Committee reviewed the list of preferred candidates to serve as the independent technical expert on the Technical Advisory Committee and the next steps and schedule for completion of the Stakeholder Engagement Framework. The next meeting will be held on January 25.

### **Coachella Valley Regional Water Management Group (CVRWMG):**

The CVRWMG business meeting was held on December 14 to discuss the status of existing grants and potential future funding opportunities. On December 5, the CVRWMG received the Department of Water Resources (DWR) draft funding agreement for the Proposition 1 Round 2 Implementation Grant. Comments were addressed in the draft agreement and returned to DWR on December 20. The CVRWMG Proposition 1 Round 2 Implementation Grant application was submitted on August 19 and includes \$4.1 million for six projects, including \$850,000 for CVWD's Reservoir 4711-3 and 4711-4 and \$195,000 for CVWD turf rebates.

### **Sustainable Groundwater Management Act (SGMA):**

Todd Groundwater is preparing the draft Indio Subbasin Annual Report for Water Year (WY) 2021-2022 for agency review by January 9. WSP is preparing the draft Mission Creek Subbasin Annual Report for WY 2021-2022 for agency review by January 9. Both reports will be submitted to DWR by the April 1, 2023, deadline.

The SGMA Tribal Workgroup meeting for the Indio Subbasin was held on December 15. The Indio Subbasin Groundwater Sustainability Agencies (GSAs) and Tribes discussed updates regarding the

CV-SNMP Update, implementation of the CV-SNMP Groundwater Monitoring Program Workplan, the Indio Subbasin Annual Report for WY 2021-2022, the Sustainable Groundwater Management (SGM) Grant Program SGMA Implementation Round 2 application for the subbasin, and drought updates including anticipated water supplies and municipal conservation efforts.

The quarterly Mission Creek-Garnet Hill General Manager's Meeting was held on December 13. The agencies reviewed monitoring updates, a summary of State Water Project deliveries in 2022, the Mission Creek Subbasin Annual Report for WY 2021-2022, the status of the Technical Support Services application for new monitoring wells, the SGM Grant Program SGMA Implementation Round 2 application for the subbasin, progress on the CV-SNMP Update, implementation of the CV-SNMP Groundwater Monitoring Program Workplan, and submitted grant applications for the Coachella Valley Mountains Conservancy Prop 1 program and USBR WaterSMART Applied Science program.

DWR opened solicitation for the SGM Grant Program SGMA Implementation Round 2 on October 4 and the application deadline is December 16. DWR will award up to \$20 million for SGMA implementation projects in medium priority, high priority, or critically overdrafted basins. Todd Groundwater prepared grant applications for the Indio and Mission Creek Subbasins, and both grant package review meetings were held on December 12. The grant applications for both subbasins were submitted to DWR on December 15. The Indio Subbasin grant application requests \$19.9 million for four projects, including the CV-SNMP Update, CVWD's WRP-7 tertiary treatment expansion, and CVWD's Palm Desert Groundwater Replenishment Facility – Phase 2. The Mission Creek Subbasin grant application requests \$16 million for three projects including the CV-SNMP Update.

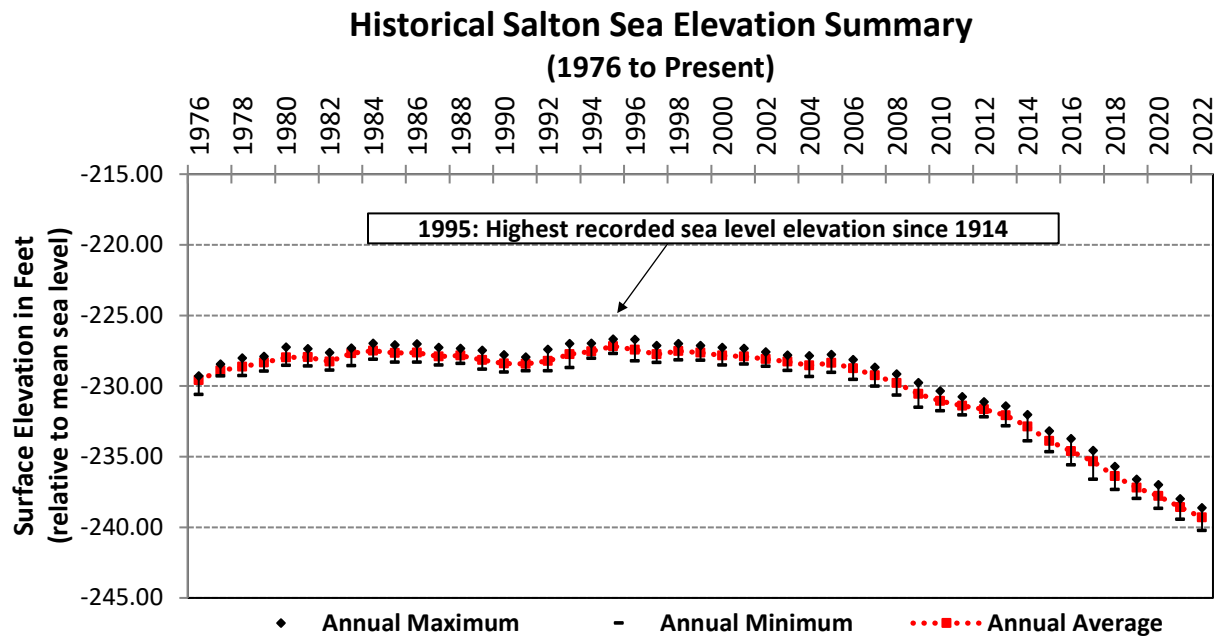
# Salton Sea

## Salton Sea Elevation Summary:

<u>Monitoring Period</u>	<u>Date</u>	<u>Elevation (in feet)</u>
Present reading	12/26/2022	-240.03 (USGS Provisional)
One month ago	11/28/2022	-240.23 (USGS Provisional)
One year ago	12/27/2021	-239.20 (USGS Approved)

\* United States Geological Survey (USGS) 10254005 Gauge Station (Salton Sea near Westmorland, CA). Data provisional until approved by USGS for publication

Graph Description: The graph below represents historical Salton Sea surface elevation data collected from 1976-present, by the USGS.



## FACILITIES MAINTENANCE

Facilities and Maintenance consists of nine divisions that contribute a variety of specialized skills and trades that perform a wide range of technical and support services. These divisions include Administration, Building Maintenance, Electrical Electronics and Motorpool Stormwater & Drainage, Canal, irrigation Distribution, Facilities Maintenance and Zanjeros which report directly to the Operations Manager.

### Canal Maintenance:

- Inspected Quagga inspection blocks Milepost 0.15 to Milepost 123.45 (No Quaggas Found)
- Cleaned the Parshal flume at Milepost 0.15
- Replaced filters, changed out potable water, and cleaned site Milepost 0.15 Quagga site
- Inspected generators on canal from Milepost 0.15 to Oasis tower
- Completed ROV trial and inspection of a section of upper canal upstream of Milepost 16.3
- Repaired animal fence at siphons 7, and 8.
- Repaired vandalized fence at Milepost 112.2 116.4
- Inspected, cleaned, and serviced traveling screens Milepost 88.6 to Milepost 123.4
- Rebuilt and painted traveling screen for future placement.
- Spot sprayed weed growth in the channels and drains in the Thermal and Oasis areas

### Distribution Maintenance:

- Valves Repaired: (1) Main, (1) Delivery
- Leaks Repaired: (10) Main
- Valves Replaced: (1) Delivery
- Meters: Repaired (23), Unplugged (12), Replaced (1)
- Drainage Meters Maintained (13)
- Performed Monthly TLD4 Pump Station Inspection
- Irrigation System Preventative Maintenance Performed: (5) Irrigation Meters, (12) Air Vacs
- Lat. 99.8-0.5-0.5-1.5 (Meter 1690): Repaired 8-inch main valve
- Lat. 123.45-1.3-3.9LT-1.0 (Meter 2041): Replaced 8-inch-long delivery valve
- Lat. 99.8-0.51-3.0 (Flush): Repaired 14-inch flush valve
- Lat. 99.8-0.51-2.5 (Meter 1685): On call contractor J.R. Filanc installed new 8-inch main valves and meter during scheduled lateral shutdown
- Lat. 99.8-0.51-3.0-2.0: Repaired 27-inch main line leak
- Lat. 119.2-2.5 (Meter 1110): Replaced 8-inch-long delivery valve
- Lat. 91.4-2.1: Repaired 12-inch main line leak
- Lat. 88.6-1.7: Repaired (3) 20-inch main line leaks

### Stormwater:

- Inspected and removed vagrant camps in the Whitewater River (WWR)/Coachella Valley Storm Channel (CVSC) and tributaries
- Mulched the vegetation in the channel between Portola Avenue and Miles Street of the WWR Reach II

- Mulched the vegetation within the floodway right of way of the Eastside Dike between Landfill Way and I-10 Freeway
- Mulched the vegetation within the floodway right of way of Dike No. 2 between the entrance of the Lake Cahuilla and Avenue 58
- Removed vegetation and debris from within outfalls in the Whitewater River between Portola Avenue and Washington Street
- Repaired a washout caused by contractor on the western slope near Jefferson St and Hwy 111 of the La Quinta Evacuation Channel
- Restored washouts and erosion with the La Quinta Evacuation Channel between Highway 111 and Avenue 48
- Restored washouts and erosions on the service roads of the CVSC between Avenue 66 and the Salton Sea from the September 9, 2022, Storm Event
- Repaired washouts and erosions in the Oasis Area to the service roads of the Open Agricultural Channels and Drains from the September 9, 2022, Storm Event
- Removed vegetation from the Cleveland Street Open Agricultural Channel

**Drainage:**

- Operated on Irrigation Lateral Run's 1,2,4,5 & 6
- Removed vegetation from the Cleveland 0.5 Open Agricultural Drain
- Removed silt sediment from the canal between Milepost 26.5 and Milepost 16.3 to Milepost 23.1
- Received and installed rip rap at Siphon 25 to armor the drop structure
- Restored the freeboard slopes and service roads between Siphon 31 – Siphon 28
- Restored washouts and erosions on Mid Canal between Siphon 7 and Siphon 31
- Mulched vegetation around the outer perimeter of the Wastewater Reclamation Plant No. 2

**Motor Pool: Stewart Taylor**

We received confirmation that the four (4) F550 chassis are at Pacific Truck in Whittier CA and the service body with cranes are in production. We anticipate taking delivery in late May. The seven (7) Kenworth T880 chassis of which two (2) are heavy haul tractors and five (5) are 15-yard dump bodies are scheduled for manufacture the week of February 27<sup>th</sup>, 2023. These will then be delivered to Inland Kenworth in Fontana. We are coordinating to have five (5) dump body refurbishments completed in the next two (2) months to coincide with the chassis deliveries. We also anticipate taking delivery of these trucks in late May. We also completed the compliance reporting for 2023 for "In-Use Off-Road Diesel-Fueled Fleets". The current certificate is valid through 2/28/2024 and CVWD off road fleet is compliant through 2028 as of this report.

**Zanjero After Hours Callouts:**

Present month hours	6.0 Hours
Previous month hours	19.5 Hours
One year ago hours	4.0 Hours



## FINANCE

The Finance Department has a total staff of 30 within its divisions of: Accounting, Budgeting, Financing, Procurement, Contracts and Warehouse.

<b>Coachella Valley Water District Monthly Financial Information December 31, 2022</b>		
<b>Cash Management:</b>		
Net Operating Cash on Hand	\$	3,238,316
TPIF <sup>1</sup> interest rate		2.08%
Investments: average rate of return		1.47%
<b>Accounts Receivable:</b>		
Miscellaneous receivables	\$	4,581,608
Total number of invoices issued		126
<b>Construction Work in Progress:</b>		
Monthly amount expended	\$	18,243,273
Year to date	\$	60,874,642
<b>Payroll for Current Month:</b>		
Gross amount paid	\$	6,185,606
<b>Accounts Payable for Current Month:</b>		
Total amount paid through wire transfers	\$	5,381,948
Total amount paid through Accounts Payable	\$	29,605,552
Total number of checks issued		984
Total number of P-card transactions		793
Total number of Invoices processed		1,374
<b>Material Management for Current Month:</b>		
Amount of inventory received	\$	615,914
Amount of inventory issued	\$	803,676
Incoming warehouse transactions		958
Outgoing warehouse transactions		7,072
Number of competitive bids and quotes		30
Number of purchase orders issued		295

<sup>1</sup>TREASURER POOLED INVESTMENT FUND (TPIF) - Riverside County

**Canal Water Fund**

Canal Consumption - Acre Feet

Ten Year Consumption History

<b>YTD Cumulative Consumption</b>	<b>July</b>	<b>Aug.</b>	<b>Sept.</b>	<b>Oct.</b>	<b>Nov.</b>	<b>Dec.</b>	<b>Jan.</b>	<b>Feb.</b>	<b>Mar.</b>	<b>Apr.</b>	<b>May</b>	<b>June</b>	<b>Total</b>
FY 2023	35,994	33,310	25,583	22,533	20,783	17,753							<b>155,957</b>
FY 2022	36,366	34,579	31,304	27,900	23,298	21,468	17,971	19,173	25,069	28,340	32,518	35,950	<b>333,936</b>
FY 2021	38,311	38,420	33,758	31,002	23,832	22,898	17,690	19,810	24,011	30,392	34,825	36,504	<b>351,452</b>
FY 2020	36,520	40,590	31,255	28,844	23,490	16,899	15,761	21,104	17,939	23,689	35,177	35,583	<b>326,850</b>
FY 2019	36,657	38,477	31,588	23,366	24,369	19,882	15,133	13,046	22,853	29,225	33,640	35,614	<b>323,850</b>
FY 2018	36,830	36,911	29,796	27,268	25,091	18,078	12,566	19,087	23,805	28,766	34,537	35,857	<b>328,592</b>
FY 2017	38,233	39,536	31,361	27,083	26,389	20,628	10,436	17,068	25,533	31,080	35,151	36,556	<b>339,054</b>
FY 2016	31,485	35,869	30,675	26,174	26,132	22,372	13,169	21,500	27,742	30,549	33,543	38,594	<b>337,804</b>
FY 2015	36,335	34,343	29,048	28,068	26,422	20,236	16,657	19,943	25,292	31,566	31,415	31,965	<b>331,290</b>
FY 2014	33,418	33,500	26,021	26,132	25,498	20,279	19,203	20,520	26,222	32,637	33,253	33,339	<b>330,022</b>
FY 2013							14,911	16,202	25,461	29,296	32,748	32,965	<b>351,113</b>
<b>10 Year Total</b>	<b>360,149</b>	<b>365,535</b>	<b>300,389</b>	<b>268,369</b>	<b>245,303</b>	<b>200,492</b>	<b>153,497</b>	<b>187,453</b>	<b>243,927</b>	<b>295,541</b>	<b>336,806</b>	<b>352,928</b>	<b>3,353,963</b>
<b>Average Consumption</b>	<b>36,015</b>	<b>36,554</b>	<b>30,039</b>	<b>26,837</b>	<b>24,530</b>	<b>20,049</b>	<b>13,954</b>	<b>17,041</b>	<b>22,175</b>	<b>26,867</b>	<b>30,619</b>	<b>32,084</b>	<b>316,765</b>
<b>Monthly Variance From Prior Year</b>	<b>-1.0%</b>	<b>-3.7%</b>	<b>-18.3%</b>	<b>-19.2%</b>	<b>-10.8%</b>	<b>-17.3%</b>	<b>1.6%</b>	<b>-3.2%</b>	<b>4.4%</b>	<b>-6.8%</b>	<b>-6.6%</b>	<b>-1.5%</b>	
<b>YTD Variance From Prior Year</b>	<b>-1.0%</b>	<b>-3.7%</b>	<b>-18.3%</b>	<b>-19.2%</b>	<b>-10.8%</b>	<b>-17.3%</b>	<b>-6.3%</b>	<b>-6.1%</b>	<b>-5.0%</b>	<b>-5.2%</b>	<b>-5.4%</b>	<b>-5.0%</b>	
<b>Monthly % of Total Average Consumption</b>	<b>11.4%</b>	<b>11.5%</b>	<b>9.5%</b>	<b>8.5%</b>	<b>7.7%</b>	<b>6.3%</b>	<b>4.4%</b>	<b>5.4%</b>	<b>7.0%</b>	<b>8.5%</b>	<b>9.7%</b>	<b>10.1%</b>	<b>100.00%</b>
<b>YTD Rate of Average Consumption</b>	<b>11.4%</b>	<b>22.9%</b>	<b>32.4%</b>	<b>40.9%</b>	<b>48.6%</b>	<b>54.9%</b>	<b>59.3%</b>	<b>64.7%</b>	<b>71.7%</b>	<b>80.2%</b>	<b>89.9%</b>	<b>100.0%</b>	<b>100.00%</b>

<b>Domestic Water Fund Ten-Year Consumption History</b>													
<b>Total Consumption in Ccf</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Total</b>
FY 2023	4,035,663	4,256,190	4,107,076	3,302,096	3,171,048	2,746,914							21,618,987
FY 2022	4,427,381	4,342,215	4,166,794	3,469,204	3,169,049	3,227,765	2,354,331	2,286,123	2,601,389	3,008,439	3,337,222	3,908,708	40,298,620
FY 2021	4,240,110	4,397,054	4,257,655	3,564,482	3,213,029	3,582,536	2,419,285	2,036,145	2,310,799	2,985,493	3,393,411	3,695,964	40,095,963
FY 2020	3,711,398	4,345,849	4,228,417	3,441,390	3,409,793	2,439,185	2,026,539	1,886,993	2,201,597	1,928,882	2,759,087	3,881,341	36,260,470
FY 2019	3,667,481	4,032,587	4,078,731	3,685,243	3,297,965	2,766,619	2,000,680	1,700,995	1,737,657	2,433,198	3,123,676	3,953,273	36,478,106
FY 2018	3,925,056	4,591,706	3,949,353	3,164,151	3,422,363	3,082,044	2,375,172	1,903,126	2,269,817	2,585,527	3,515,973	3,990,646	38,774,933
FY 2017	4,262,823	3,546,147	4,245,750	3,272,534	3,226,567	2,536,215	1,820,086	1,671,713	1,872,332	2,638,596	3,210,234	3,820,589	36,123,586
FY 2016	3,848,757	3,288,106	3,546,285	3,103,300	2,790,411	2,660,964	1,843,026	1,793,374	1,998,551	2,385,738	2,864,780	2,997,973	33,121,265
FY 2015	4,967,899	4,570,813	4,534,943	3,466,441	3,713,765	3,257,565	2,516,784	2,124,656	2,495,495	3,040,747	3,308,515	3,608,387	41,606,010
FY 2014	4,958,464	4,967,246	4,475,482	3,935,371	4,116,241	3,151,895	2,664,735	2,554,681	2,575,744	3,145,145	3,882,465	4,442,386	44,869,855
FY 2013							2,567,071	2,408,403	2,487,058	3,331,494	4,067,497	4,561,518	45,216,148
<b>Total</b>	<b>42,045,032</b>	<b>42,337,913</b>	<b>41,590,485</b>	<b>34,404,212</b>	<b>33,530,232</b>	<b>29,451,701</b>	<b>20,020,638</b>	<b>17,957,806</b>	<b>20,063,381</b>	<b>24,151,765</b>	<b>29,395,363</b>	<b>34,299,267</b>	<b>369,247,795</b>
<b>10 Year Average Consumption</b>	<b>4,204,503</b>	<b>4,233,791</b>	<b>4,159,049</b>	<b>3,440,421</b>	<b>3,353,023</b>	<b>2,945,170</b>	<b>2,258,771</b>	<b>2,036,621</b>	<b>2,255,044</b>	<b>2,748,326</b>	<b>3,346,286</b>	<b>3,886,079</b>	<b>38,867,084</b>
<b>Monthly Variance From Prior Year</b>	<b>-8.8%</b>	<b>-2.0%</b>	<b>-1.4%</b>	<b>-4.8%</b>	<b>0.1%</b>	<b>-14.9%</b>	<b>-2.7%</b>	<b>12.3%</b>	<b>12.6%</b>	<b>0.8%</b>	<b>-1.7%</b>	<b>5.8%</b>	
<b>YTD Variance from Prior Year</b>	<b>-8.8%</b>	<b>-2.0%</b>	<b>-1.4%</b>	<b>-4.8%</b>	<b>0.1%</b>	<b>-14.9%</b>	<b>-9.7%</b>	<b>-3.9%</b>	<b>-0.1%</b>	<b>0.1%</b>	<b>-0.2%</b>	<b>0.9%</b>	
<b>YTD Variance from Calendar 2014</b>	<b>-18.6%</b>	<b>-14.3%</b>	<b>-8.2%</b>	<b>-16.1%</b>	<b>-23.0%</b>	<b>-12.8%</b>	<b>-10.8%</b>	<b>-9.1%</b>	<b>-5.9%</b>	<b>-6.8%</b>	<b>-9.3%</b>	<b>-10.3%</b>	
<b>Monthly % of Total Average Consumption</b>	<b>10.8%</b>	<b>10.9%</b>	<b>10.7%</b>	<b>8.9%</b>	<b>8.6%</b>	<b>7.6%</b>	<b>5.8%</b>	<b>5.2%</b>	<b>5.8%</b>	<b>7.1%</b>	<b>8.6%</b>	<b>9.9%</b>	
<b>YTD Rate of Consumption (10 yr)</b>	<b>10.8%</b>	<b>21.7%</b>	<b>32.4%</b>	<b>41.3%</b>	<b>50.0%</b>	<b>57.6%</b>	<b>63.4%</b>	<b>68.6%</b>	<b>74.4%</b>	<b>81.5%</b>	<b>90.1%</b>	<b>100.0%</b>	

**Coachella Valley Water District  
Capital Improvement Budget Summary  
as of December 31, 2022**

Fund	Active Project Count	Budget FY 2023	YTD Actual FY 2023	% Expended FY 2023
Canal	7	\$12,685,400	\$1,369,013	11%
Stormwater	13	\$81,178,582	\$44,198,590	54%
Domestic Water	20	\$29,677,000	\$2,573,085	9%
West Replenishment	1	\$5,377,295	\$24,423	0%
East Replenishment	3	\$5,810,000	\$2,043,107	35%
Sanitation	44	\$36,522,965	\$9,015,162	25%
General District	10	\$6,337,600	\$1,645,243	26%
Motorpool	30	\$2,488,000	\$6,020	0%
<b>CIB Total</b>	<b>128</b>	<b>\$180,076,842</b>	<b>\$60,874,642</b>	<b>34%</b>

*Auction Proceeds Received Year-to-Date = \$0*

**Coachella Valley Water District Capital Improvement Budget Report:**

Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Canal:</b>								
C02101: L-4 Pump Station Relocation, Ph. 2	\$7,600,000	\$5,858,260	\$700,000	\$68,989	10%	08/2020	Construction	Construction 75% complete. Awaiting MCC long lead items. Project completion anticipated by September 2023.
C02103: Mid-Canal Reservoir	8,100,000	556,782	1,875,000	81,724	4%	12/2021	Design & Environmental Documentation	Final plan completion underway. Environmental docs under development and in coordination with the USBR.
C02301: Coachella Canal Lining Project San Andreas Oasis Pipeline Project	2,500,000	-	500,000	-	0%			Project on hold. Environmental Services is working with SD/BLM on the project.
IR1701: Irrigation Lateral 119.64-7.5 Replacement	3,788,000	2,264,967	3,860,400	1,162,727	30%	08/2016	Construction	Construction in progress. Project completion anticipated by June 2023.
IR1901: Irrigation Lateral 123.45-1.3 and Lateral 123.45-1.3-2.2 Division Box Replacement	1,589,900	306,989	4,519,500	2,649	0%	08/2018	Design	Consultant is preparing 100% contract documents. Easement acquisition in progress. Construction FY23.
IR2002: Irrigation Lateral 123.45-1.3 Division Box Replacement	1,675,000	195,621	-	2,380	0%	07/2020		
IR2101: Johnson Street Drain Improvement	1,292,411	50,544	1,180,500	50,544	4%	08/2022	Construction	Board consideration to award on 12/13/22. NTP anticipated on 1/9/23.
IR2301: Irrigation Lateral 119.64-7.5 Replacement, Ph. 2	3,898,000	-	50,000	-	0%		Design	Phase II plans in production for revisions. Temporary Constructions in progress
<b>Total Canal</b>	<b>\$33,530,111</b>	<b>\$12,277,240</b>	<b>\$12,685,400</b>	<b>\$1,369,013</b>	<b>11%</b>			
<b>Stormwater:</b>								
SW0001: North Cathedral City Stormwater Master Plan, Ph. 1	\$10,082,591	\$1,703,342	\$500,000	\$28,320	6%	07/2008	Design	100% design plans and environmental documents submitted to CVWD for review. Environmental documentation under review by CVWD and MBI. Biological Assessment report submitted to BLM for approval. MBI to perform 2nd pothole of petroleum line to verify depth.

Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Stormwater (continued):</b>								
SW0004: Thousand Palms Flood Control	80,000,000	4,985,800	1,000,000	63,867	6%	07/2008	Design & Environmental Documentation	Public review comments received on the environmental docs, and they are under review by the Army Corps. A Biological Opinion is in the process of being completed in coordination with the USFWS and Army Corps.
SW0042: Coachella Valley Stormwater Channel Improvements - Avenue 54 to the Thermal Drop Structure	57,689,000	40,798,311	27,103,582	11,700,796	43%	01/2015	Construction	The construction of the project is at 60% completion. Over 2 miles of concrete slope protection, three access ramps, and entire channel invert near Airport Boulevard bridges along the stilling basin, a portion of the channel invert near and within Union Pacific Railroad (UPRR) ROW are complete. Current activities include work within HWY 111 and farther to the south including excavation and dewatering for a 30-foot deep stilling basin. Coordination and preparation for December 12 tie-in of Irrigation Lateral 99.8-0.51 is complete.
SW0044: Coachella Valley Multiple Species Habitat Conservation Plan - Constructed Wetlands	10,626,000	547,692	100,000	-	0%	11/2015	Design	The Work plan has been revised and reviewed by CVCC. Fish and Wildlife has requested additional time to review. Staff is working to set up a meeting with the agencies to engage on the schedule.
SW0045: Flood Easement Renew - White Water River Stormwater Channel	877,700	255,708	25,000	5	0%	06/2014	Offers being negotiated	ROW Consultant negotiating offers with the Indian land owners. Pending landowner counteroffers and BIA next steps for owners who have accepted our offers.
SW1601: East Side Dike Improvement, Ph. 1 (Dune Palms to Interstate 10)	4,577,300	3,463,715	100,000	47,809	48%	11/2015	Procurement & Construction	Construction of the improvement for the Phase 1 project is complete. The next step will be to process a letter of map revision (LOMR) through FEMA.

Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Stormwater (continued):</b>								
SW1606: Evaluation and Installation of Rainfall Gauging Stations	528,500	367,154	50,000	28,825	58%	05/2016	Planning	Conference call with Electronics Shop, F&M, and Stormwater occurred on 8/16 to discuss options for updating and expanding the rainfall gauge system for this fiscal year. It was decided to repair 4 flow gauges this fiscal year. Material has been ordered to repair Palm Valley Channel and Lower Bear Creek Channel. The Whitewater River Stormwater Channel at the apex and Paxton Road will be repaired next.
SW2001: East Side Dike, Ph. 2 I-10 to Dos Palmas Road	11,022,000	736,654	500,000	12,230	2%	07/2019	Design and Environmental Documentation	Alternatives for improvements have been discussed with Riverside County as three of the alternatives impact Box Canyon Road. The next step is to coordinate a meeting to review with Facilities and Maintenance in December 2022.
SW2002: Whitewater River Stormwater Channel Bank Slope Protection Adjacent to WRP 10	2,000,000	-	2,000,000	-	0%			
SW2102: Levee Certification for WWRSC from Ramon Road Bridge to Country Club Drive, Ph. 2	1,100,000	241,525	25,000	3,025	12%	08/2020	Design	Preliminary Design Report finalized. Right of Way working on access permit with BIA. Project will proceed after access is determined.
SW2103: East Side Dike Realignment between Wasteway No. 3 and Dillon Road	1,200,000	144,870	325,000	28,166	9%	08/2020	Design and Environmental Documentation	Environmental documentation process has commenced. Consultant has submitted 90% plan and specifications for review. CVWD also to incorporate future access for O&M for the adjacent community provided they satisfy the requirements to utilize USBR ROW.
SW2104: Thousand Palms Channel Improvement from Sun City Shadow Channel to the Coachella Valley Stormwater Channel	4,510,000.00	576,202.42	650,000.00	121,895.79	19%	07/2020	Design	Consultant has shared draft basis of design report and draft geotechnical report for CVWD to review. Workshop with F&M to go over the project was held in Coachella Campus on Dec. 5, 2022.

Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Stormwater (continued):</b>								
SW2201: North Indio Regional Flood Control System, Phase 2	70,630,000	52,608,853	48,800,000	32,163,648	66%	09/2021	Construction	Construction of the Phase 2 project is at 30% completion. Construction activities include excavation, compaction, rebar, concrete pouring, etc. The north-south portion of the main Channel from Adams Street (north of Avenue 38) to Avenue 40 is nearly complete with the exception of junctions, geometric shape transitions, rectangular sections and road crossings.
<b>Total Stormwater</b>	<b>\$285,058,091</b>	<b>\$132,181,599</b>	<b>\$81,178,582</b>	<b>\$44,198,590</b>	<b>54%</b>			
<b>Domestic Water:</b>								
B02201: Booster Station 07990 Rehabilitation and Upgrade	\$3,010,000	\$2,391	\$150,000	\$2,154	1%	06/2022	Planning	Staff has obtained USDA funding for design and construction. Received three informal proposals from on-call consultants on 10/12. Staff report recommending most qualified consultant to be provided in the December 13, 2022 Board Meeting.
B02202: Booster Station 07101 Rehabilitation and Upgrade	260,000	1,484	150,000	1,246	1%	06/2022	Planning	Staff has obtained USDA funding for design and construction. Received three informal proposals from on-call consultants on 10/12. Staff report recommending most qualified consultant to be provided in the December 13, 2022 Board Meeting.
B02203: Booster Station 07102 Rehabilitation and Upgrade	260,000	1,256	150,000	1,019	1%	06/2022	Planning	Staff has obtained USDA funding for design and construction. Received three informal proposals from on-call consultants on 10/12. Staff report recommending most qualified consultant to be provided in the December 13, 2022 Board Meeting.
DW1622: North Shore Water Main Replacement	4,334,000	308,304	6,000,000	12,470	0%	03/2016	Design & CEQA	The plans and technical specifications are complete. CVWD received USDA loan obligation for construction on March 30, 2022. USDA/EJCDC specs are being prepared. Project will go out to bid once specs have been finalized and approved by USDA.



Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Domestic Water (continued):</b>								
DW1704: Dale Kiler Road Water Main Replacement	7,055,000	243,721	10,000	6,669	67%	07/2017	Design	The plans and specifications are complete. CVWD has received USDA loan funding for construction. Board authorized issuance of bids on March 8, 2022. Project will go out to bid once specs have been finalized and approved by USDA.
DW2004: Adams Street Water Main Replacement, Ph. 1	7,334,000	449,294	5,000,000	136,866	3%	10/2019	Construction	The project was awarded on October 25 and the Notice to proceed issued on November 17.
DW2104: Preliminary Design Report for Highway 86 Transmission Main, Ph. 3	780,000	572,671	600,000	299,385	50%	08/2020		Application has been submitted to Caltrans District 11 to seek approval to place the new pipeline within Caltrans right-of-way. Held a conference call with Caltrans for the 30% Design and Environmental Focus Groups. Provided 30% plans comments to consultant on 9/27/22. Potholing will be initiated once the base sheets are created, and utilities identified. Consultant is finalizing evaluating an alternative alignment avoiding BLM land and will have the recommendation by 11/11/22. Additional Field survey will be finalized by 11/11/22 along the realignment portion. Cultural Surveys: Cultural Surveys will be finalized by the end of November.
Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary

Domestic Water (continued):								
DW2105: Avenue 66 Transmission Main, Ph. 1B and 2	23,350,000	1,352,245	11,887,000	207,016	2%	07/2020	Design	Staff intends to bid Phase 1B, Lincoln Street and Phase 2 under one construction contract. Owners for Allotment 292, 321, and 324E have agreed to the easement purchase offer. Staff has obtained the encroachment permits from the County for Phase 1B and Lincoln St. Encroachment permit for Phase 2 is under review by County. The SRF grant funding agreement is expected by December 2022. CVWD will provide final comments to the Engineer of Record by 11/11/22 for Phase 2 plans. State Variance Request is pending the final changes to the Plans and will be submitted once the 100% Plans are updated. Conformed Specifications: A consolidated Specifications for the three phases is pending the final funding agreement. Electrical drawings were submitted on 11/4/22 and are under review by Engineering. Construction schedule is forthcoming.
DW2110: Well No. 4529-1 (Well No. 4565 Redrill/Replacement)	3,532,000	2,198,210	890,000	581,287	65%	08/2020	Construction	The well has been drilled and developed. Staff will go to Board on Dec. 13 to procure the long-lead motor control center (MCC). Staff intends to go out to bid for the construction contract to complete the well pumping plant once the MCC is nearly complete.
DW2113: Valley View Transmission Main	50,000	205,970	750,000	125,226	17%	04/2021		Design contract was approved by the Board in June 2022. Submittal of 30% plans are due in November 2022.
DW2201: New Wells (x2 Mecca/ Middleton/ La Quinta/Valley/ Sky Mountain/ Date Palm/ Mission Hills)	2,650,000	39,478	10,000	471	5%	07/2021	Design	Staff is preparing an RFP for the design of two new production wells.

Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Domestic Water (continued):</b>								
DW2202: Hydropneumatic /Surge Tank Assessment/ System Analysis, Ph. 2	100,000	10,118	200,000	10,118	5%	08/2022	Procurement & Construction	The Board approved a BAI for solicitation of bids for 2 tanks plus 1 tank as an alternate bid item on October 25 meeting. Engineering posted the project on PlanetBids. Bid Opening scheduled for December 7 at 2 pm.
DW2204: Highway 86 Transmission Main - Lincoln Street	75,000	438,090	413,000	354,752	100%	09/2021	Construction	The contractor finished rip rap & dirt cover placement, hauled off equipment, removed jacks & cribbing, and old concrete support at station 828+25, installed casing end seal (per CO #2), and completed the final clean-up. The Construction phase of this contract was completed on 11/29/22.
DW2301: Chromium 6 Treatment Full Scale Stannous Demonstration	300,000	2,551	200,000	2,551	1%	08/2022		
DW2302: Well 4530-1 (Developer Funded)	398,000	-	40,000	-	0%			
DW2303: Via De Anza Water Main Replacements - Ph. 2	590,000	-	90,000	-	0%			
IE2001: Ion Exchange Treatment Plant 7991 Improvements	5,337,000	516,524	2,000,000	92,938	5%	07/2019	Design	The final Inspection was held on-site with Inspector and EOR on 11/29/22. Currently in the process of closing out the paperwork for the project.
R01503: Reservoir 4711-3 and 4 Design and Construction	2,050,000	310,661	20,000	19,382	97%	07/2015	Design & CEQA	Plans have been completed. CVWD has applied for an \$850, 00 Prop 1 Round 2 grant for this project. Funding approval is expected later this year.
R01901: Reservoir 4602-2 Design and Construction	2,594,000	2,971,820	30,000	18,352	61%	07/2018	Construction	Tank was placed into service on 10/1/2021.
R02004: Reservoir 7101-2 Design and Construction	1,749,300	168,098	407,000	11,663	3%	07/2019	Design	The plans and technical specifications are complete. CVWD received USDA loan obligation for construction on July 18, 2022. Project will go out to bid once specs have been finalized and approved by USDA.

Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Domestic Water (continued):</b>								
R02005: Reservoir 4605-2 Design and Construction	10,023,000	9,988,423	670,000	684,533	102%	07/2020	Construction	Tank was placed in service on June 8, 2022. Staff is working with contractor on procurement of a long-lead level sensor and final electrical punch list work. A change order has been negotiated to extend the contract time to October 21. Project is being closeout.
R02006: Reservoir 4606-2 Design and Construction	4,248,000	4,097,964	10,000	2,021	20%	07/2020	Close out	The tank was placed into service in March 2022 and the certificate of completion has been recorded.
<b>Total Domestic Water</b>	<b>\$105,764,300</b>	<b>\$39,217,711</b>	<b>\$29,677,000</b>	<b>\$2,573,085</b>	<b>9%</b>			
<b>West Replenishment:</b>								
NP2204: Palm Desert Ground Water Replenishment Facility, Ph. 2	\$11,267,080	\$158,465	\$5,377,295	\$24,423	0%	07/2021	Permitting	CVWD is coordinating with USACE acceptable mitigation conditions to execute the permit.
<b>Total West Replenishment</b>	<b>\$11,267,080</b>	<b>\$158,465</b>	<b>\$5,377,295</b>	<b>\$24,423</b>	<b>0%</b>			
<b>East Replenishment:</b>								
C02001: Oasis In-Lieu Recharge, Ph. 2	\$49,428,000	\$50,722,410	\$5,500,000	\$1,930,393	35%	01/2019	Construction	Construction 85% Complete
C02104: Madison Club - Avenue 54 Meter Connection	900,000	896,530	160,000	105,618	66%	07/2020	Construction	Project completed and commissioned. Certificated of Completion was recorded with County of Riverside on 11/10/22.
C02302: The Quarry Country Club NPW Golf Course Connection	2,550,000	7,096	150,000	7,096	5%	09/2022	Planning	NTP/Kick-Off Meeting scheduled for 12/12/22.
<b>Total East Replenishment</b>	<b>\$52,878,000</b>	<b>\$51,626,036</b>	<b>\$5,810,000</b>	<b>\$2,043,107</b>	<b>35%</b>			
<b>Sanitation:</b>								
C01506: Bermuda Dunes Country Club Connection	\$4,393,000	\$3,771,924	\$550,000	\$481,474	88%	04/2015	Construction	Project in construction and 80% complete.
LS2101: Lift Station 80-03 Upgrade (Cook Street)	5,114,000	102,184	600,000	56,217	9%	02/2021	Design	The PDR is complete, initiating design.
LS2201: Lift Station Micro-RTU Replacement	1,200,000	16,981	400,000	16,981	4%	07/2022	Design	Contract award was approved by Board of Directors on 12/13/22.

Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Sanitation (continued):</b>								
LS2202: Lift Station 55-11 Capacity Upgrade (Mecca)	75,000	137,711	750,000	97,594	20%	06/2022	Design	Dudek will complete the Preliminary Design Report on November 14, 2022 and the 30 % design in December 2022.
LS2301: Lift Station 81-07 and Lift Station 55-12 Odor Control Upgrades	6,025,000	-	350,000	-	0%		Planning	CVWD received three proposals on 10/20/22 from Black & Veatch, Dudek and Webb. Recommending BV award in the 12/13 board meeting.
NP1602: Emerald Desert Country Club Connection	652,000	203,486	50,000	487	1%	04/2016	Design	Design 100% complete. Awaiting signed installation agreement.
NP1701: Marriott Shadow Ridge Connection	5,405,000	408,448	125,000	54,404	44%	11/2016	Design	Offsite design complete 100%. Offsite pipeline bidding in December 2022. Onsite design pending Installation Agreement.
NP1702: Marriott Desert Springs North Course Connection	5,426,000	52,791	100,000	138	0%	11/2016	Design	Project in pre-design phase.
NP1802: Palm Desert Resort Country Club Connection	2,250,000	2,052,015	850,000	545,001	64%	07/2017	Construction	Project in construction and 80% complete.
NP1803: The Oasis Country Club Connection	6,903,000	6,824,425	2,500,000	1,452,735	58%	07/2017	Construction	Project in construction and 80% complete.
NP1804: Woodhaven Country Club Connection	2,131,000	1,871,171	400,000	267,448	67%	07/2017	Construction	Project in construction and 80% complete.
NP1807: NPW T1 Pump Station Replacement	28,276,600	17,524,258	7,400,000	4,169,788	56%	07/2018	Construction	Project construction 55% complete.
NP2002: Young's Farmland NPW Pipeline Connection	924,000	138,108	10,000	-	0%	10/2019	Design	Design, Installation Agreement, and Easements complete. Staff will apply for SRF loan for this project by December 31, 2022. SRF loan approval expected in June 2024 following which project bidding will commence.
NP2004: Annenberg Golf Club NPW Connection	3,212,000	219,434	400,000	19,589	5%	05/2020	Design	SRF loan with \$5M grant approved. Offsite pipeline advertised for bid. Onsite pipeline design, agreements, and easements will be completed in December 2022. Onsite pipeline bidding in spring 2023.

Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Sanitation (continued):</b>								
NP2005: Desert Island Country Club NPW Pipeline Connection	1,075,000	-	100,000	-	0%		Planning	Desert Island now has a new owner. CVWD will request a new LOI once the new owner is known. This project will be included in the next SRF loan application to be submitted in December 2023.
NP2006: Indian Wells Tennis Garden NPW Connection	1,202,000	131,734	10,000	1,326	13%	05/2020	Design	SRF loan approved. Target approval of installation agreement and bidding in FY26.
NP2007: Jack Ivey Ranch NPW Connection	3,512,000	205,573	500,000	18,458	4%	05/2020	Design	SRF loan with \$5M grant approved. Offsite pipeline advertised for bid. Onsite pipeline design, agreements, and easements will be completed in December 2022. Onsite pipeline bidding in spring 2023.
NP2008: Palm Royale Country Club NPW Connection	3,512,000	194,205	500,000	16,783	3%	05/2020	Design	SRF loan with \$5M grant approved. Offsite pipeline advertised for bid. Onsite pipeline design, agreements, and easements will be completed in December 2022. Onsite pipeline bidding in spring 2023.
NP2009: Suncrest Country Club NPW Connection	3,212,000	184,994	400,000	19,115	5%	05/2020	Design	SRF loan with \$5M grant approved. Offsite pipeline advertised for bid. Onsite pipeline design, agreements, and easements will be completed in December 2022. Onsite pipeline bidding in spring 2023.
NP2010: Tamarisk Country Club NPW Connection	3,212,000	248,439	400,000	87,546	22%	05/2020	Design	SRF loan with \$5M grant approved. Offsite pipeline advertised for bid. Onsite pipeline design, agreements, and easements will be completed in December 2022. Onsite pipeline bidding in spring 2023.
NP2011: Tri Palm Country Club NPW Connection	3,512,000	271,735	50,000	19,753	40%	05/2020	Design	SRF loan with \$5M grant approved. Offsite pipeline advertised for bid. Onsite pipeline design, agreements, and easements will be completed in December 2022. Onsite pipeline bidding in spring 2023.

Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Sanitation (continued):</b>								
NP2012: Southwest Church NPW Connection	3,262,000	214,696	400,000	14,602	4%	05/2020	Design	SRF loan with \$5M grant approved. Offsite pipeline advertised for bid. Onsite pipeline design, agreements, and easements will be completed in December 2022. Onsite pipeline bidding in spring 2023.
NP2013: Rancho Mirage Country Club NPW Connection	3,212,000	208,553	400,000	15,182	4%	05/2020	Design	SRF loan with \$5M grant approved. Offsite pipeline advertised for bid. Onsite pipeline design, agreements, and easements will be completed in December 2022. Onsite pipeline bidding in spring 2023.
NP2201: Springs Country Club NPW Pipeline Connection	1,075,000	1,162	100,000	-	0%	10/2021	Planning	Springs has requested the project not be constructed until 2024 to coincide with turf replacement amenable to NPW. This project will be included in the next SRF loan application to be submitted in December 2023.
NP2202: Talavera NPW Pipeline Connection	825,000	-	100,000	-	0%		Planning	RFP for design anticipated to be advertised in December 2022 pending completion of draft NPW Master Plan.
NP2203: Shadow Hills High School NPW Pipeline Connection	825,000	-	100,000	-	0%		Planning	RFP for design anticipated to be advertised in November 2022 pending completion of draft NPW Master Plan.
NP2205: WRP 10 Low Pressure Capacity Expansion	7,925,000	-	700,000	-	0%		Planning	RFP for design anticipated to be advertised in December 2022 pending completion of draft NPW Master Plan.
NP2301: Shadow Hills North Golf Course	3,135,000	-	100,000	-	0%		Planning	RFP for design anticipated to be advertised in December 2022 pending completion of draft NPW Master Plan.
SA1905: Monroe Trunk Sewer-Grant CEQA Support	1,480,000	106,092	2,600,000	36,907	1%	04/2019	Bidding	CVWD will advertise for bids on 11/8/22
SA2003: Avenue 66 Trunk Sewer (Septic to Sewer Conversion)	5,866,000	42,741	25,000	618	2%	05/2020	Planning	SRF Grant Funding Application Complete.
SA2006: Airport Blvd. Sewer Consolidation	4,810,000	115,916	25,000	-	0%	05/2020	Planning	SRF Grant Funding Application Complete.
SA2104: Sewer Pipeline Rehabilitation - Palm Desert and Thousands Palms	1,900,200	131,442	1,299,000	22,398	2%	01/2021	Construction	Contractor will mobilize in January 2023 to avoid disturbing residents during the holidays.

Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Sanitation (continued):</b>								
SA2201: Section 31 and Vista Del Sol Sewer Pipeline	872,000	-	545,000	-	0%			Funding placeholder
SA2301: Sewer Manhole Rehabilitation Project - Palm Desert and Rancho Mirage	1,013,896	-	337,965	-	0%		Planning	Task Oder being issued for design work January 2023.
WR0202: WRP 2 Monitoring Wells	150,000	208,488	50,000	38,064	76%	02/2022	Construction	All three WRP 2 monitoring wells have been constructed and are ready for sampling.
WR1030: WRP 10 Chemical System Safety Upgrade	4,631,000	4,717,842	25,000	9,092	36%	01/2016	Construction	Construction Complete.
WR1036: WRP 10 Process and Lighting Optimization	1,848,000	1,349,146	220,000	1,510	1%	07/2017	Construction	Rockwell submitted a repair cost for Pump 8305 on 10/5/22 in the amount of \$124,608. Engineering will request Board authorization on 12/13/22 for pump overhaul.
WR1042: WRP 10 Headwork's Improvements (Fine Screens, Pumps, Vortex Grit Chamber, Equalization Basin, Odor Control)	7,475,000	145,689	1,700,000	77,798	5%	02/2021	Design	Focus meeting 1 on flows and loadings was held on 11/8/22. Tech Memo 1 will be provided after inclusion of comments. Tech Memo 2 concerning pumping and emergency storage is anticipated to be distributed in early January 2023 in conjunction with Focus Meeting 2.
WR1043: WRP 10 T1 Filter Assessment	390,000	326,023	4,654,000	117,047	3%	02/2021	Design	Design is 25% complete.
WR4013: WRP 4 Chemical System Safety Upgrade	5,306,000	5,542,475	42,000	39,657	94%	01/2016	Construction	Construction Complete.
WR4016: WRP 4, Ph. 1 Improvements - Nonpotable Water Upgrades	27,400,000	1,474,618	900,000	593,550	66%	08/2019	Design	The 30% design workshop was held on September 13, 2022. ES received 2 CEQA proposals on 11/28/22. 60% design will be provided by mid-December. Change Petition Progress Report 9 to the SWRCB was sent on 11/9/22.
WR7015: WRP 7 Chemical System Safety Upgrade	4,130,000	4,203,214	25,000	26,938	108%	05/2016	Construction	Construction Complete.
WR7020: WRP 7 Aeration Improvements	18,790,000	1,221,883	4,980,000	61,918	1%	07/2019	Design	Design is 95% complete. Staff will begin preselection of blower equipment in October.



Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Sanitation (continued):</b>								
WR7022: WRP 7 Recycled Water Expansion	15,750,000	1,249,956	750,000	634,689	85%	07/2020	Design	60% design complete. SRF loan application including CEQA to be submitted by December 31, 2022. SRF loan will also include Young's Farmland NPW Project. WIIN feasibility study to be submitted in March 2023.
<b>Total Sanitation</b>	<b>\$243,060,696</b>	<b>\$85,505,976</b>	<b>\$36,522,965</b>	<b>\$9,015,162</b>	<b>25%</b>			
<b>General District:</b>								
GD1301: Supervisory Control and Data Acquisition Master Plan and System Replacement	\$22,517,000	\$18,899,887	\$3,399,000	\$433,848	13%	07/2013	Design	Working on phase 6th of SCADA Master Plan which includes the migration of the Domestic and Sanitation SCADA sites. The upgrade of the Wide Area Network is 100% complete. Also, wrapping up the implementation of the Coachella Control.
GD2003: Roof Safety Improvements at Coachella Campus	502,000	66,835	10,000	-	0%	04/2020	Design	Ops staff plans to install first phase of roof safety system by December 2022.
GD2201: Information Systems Infrastructure Upgrade	1,450,000	704,967	350,000	355,077	101%	03/2022		Board approved BAI for PD storage replacement in August. Working with procurement to issue PO.
GD2203: Agenda Management System Replacement	200,000	185,847	-	91,862	0%	11/2021		PrimeGov was selected as the replacement for the SIRE system. In the process of implementing the PrimeGov.
GD2204: Steve Robbins Administrative Building Board Room Audio and Video Upgrade	850,000	113,647	850,000	79,929	9%	11/2020		The Board approved the release of the RFP in November. Planning to release the RFP towards the end of the month.
GD2205: Salt and Nutrient Management Plan Monitoring Wells (15)	1,429,995	832,630	710,000	671,256	95%	07/2021	Closeout	The contractor has completed the new wells, rehabilitation of the existing wells, and is completing the final punch list items.
GD2206: Demonstration Garden in Palm Desert	150,000	23,888	283,600	-	0%	12/2020		
GD2301: Enterprise Resource Planning and Utility Billing System	6,650,000	-	150,000	-	0%			

Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>General District (continued):</b>								
GD2302: Palm Desert Operations Parking Lot Rehab, Ph. 2	1,100,000	7,501	90,000	7,501	8%	07/2022		Engineering is preparing an informal Request for Proposals for on-call engineering services to prepare plans and specs for the rehabilitation work of the Operations parking lot. Engineering will coordinate the scope of work with Operations staff. The RFP will be issued by end of October 2022.
GD2303: Palm Desert Upgrade Transfer Switch and Power Distribution	495,000	5,769	495,000	5,769	1%	10/2022	Design	Engineering working on the design in-house: 20%. Budget amendment needed to reduce funds to \$60K. Working with Elizabeth to finalize.
<b>Total General District</b>	<b>\$37,093,995</b>	<b>\$22,401,803</b>	<b>\$6,337,600</b>	<b>\$1,645,243</b>	<b>26%</b>			
<b>Motorpool:</b>								
MP2205: Tractor 64K (5649)	\$183,800	-	\$183,778	-	0%		On Order	REQ ID 31833 on PO 58179-Build date projected for 2nd quarter 2023.
MP2206: Tractor 64K (7676)	183,800	-	183,778	-	0%		On Order	REQ ID 31833 on PO 58179-Build date projected for 2nd quarter 2023.
MP2207: Dump Truck 26K (7263)	101,900	-	101,881	-	0%		On Order	REQ ID 31835 on PO 58180-No build date as of right now
MP2208: Dump Truck 58K (5649)	166,500	-	166,446	-	0%		On Order	REQ ID 31833 on PO 58179-Build date projected for 2nd quarter 2023.
MP2209: Dump Truck 58K (7676)	166,500	-	166,446	-	0%		On Order	REQ ID 31833 on PO 58179-Build date projected for 2nd quarter 2023.
MP2210: Dump Truck 58K (7263)	166,500	2,014	166,446	17	0%	06/2022	On Order	REQ ID 31833 on PO 58179-Build date projected for 2nd quarter 2023.
MP2211: Dump Truck 58K (7571)	166,500	858	166,446	719	0%	08/2022	On Order	REQ ID 31833 on PO 58179-Build date projected for 2nd quarter 2023.
MP2212: Dump Truck 58K (7468)	166,500	2,431	166,446	2,033	1%	06/2022	On Order	REQ ID 31833 on PO 58179-Build date projected for 2nd quarter 2023.
MP2213: F550 Utilibed Truck 26K 2WD w/Crane (5445)	122,000	-	121,989	-	0%		On Order	REQ ID 31114 on PO 57205-Chassis are at Pacific Truck for upfit
MP2214: F550 Utilibed Truck 26K 2WD w/Crane (7263)	122,000	-	121,989	-	0%		On Order	REQ ID 31114 on PO 57205-Chassis are at Pacific Truck for upfit
MP2215: F550 Utilibed Truck 26K 2WD w/Crane (7468)	122,000	-	121,989	-	0%		On Order	REQ ID 31114 on PO 57205-Chassis are at Pacific Truck for upfit
MP2216: F550 Utilibed Truck 26K 2WD w/Crane (7676)	122,000	-	121,989	-	0%		On Order	REQ ID 31114 on PO 57205-Chassis at Pacific Truck for upfit

Project ID Number and Description	Estimated Costs	LTD Expenses	Budget FY 2023	YTD Actual FY 2023	%Expended FY 2023	Start Date	Current Phase	Status Summary
<b>Motorpool (continued):</b>								
MP2217: Disk (9402)	85,000	85,409	-	3,252	0%	01/2022	In Service	Delivered
MP2301: 1/2 Ton Pick-up (2314)	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2302: 1/2 Ton Pick-up (9402) 1	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2303: 1/2 Ton Pick-up (9402) 2	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2304: 1/2 Ton Pick-up (9402) 3	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2305: 1/2 Ton Pick-up (9402) 4	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2306: 1/2 Ton Pick-up (7571)	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2307: 1/2 Ton Pick-up (4335)	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2308: 1/2 Ton Pick-up (6405) 1	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2309: 1/2 Ton Pick-up (6405) 2	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2310: 1/2 Ton Pick-up (4610)	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2311: 1/2 Ton Pick-up (5950)	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2312: 1/2 Ton Pick-up (4330)	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2313: 1/2 Ton Pick-up (6405) 3	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2314: 1/2 Ton Pick-up (6405) 4	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2315: 1/2 Ton Pick-up (9402) 5	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2316: 1/2 Ton Pick-up (9402) 3	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
MP2317: 1/2 Ton Pick-up (6405) 5	41,100	-	41,081	-	0%			Still working to get quotes-Availability is severely limited
<b>Total Motorpool</b>	<b>\$2,573,700</b>	<b>\$90,711</b>	<b>\$2,488,000</b>	<b>\$6,020</b>	<b>0%</b>			
<b>Total CIB</b>	<b>\$771,225,973</b>	<b>\$343,459,542</b>	<b>\$180,076,842</b>	<b>\$60,874,642</b>	<b>34%</b>			

Coachella Valley Water District  
Grant and Loan Summary  
December 31, 2022

Fund/Agency	Applications (active)				Awarded (active)		Awarded (complete)		Total Estimated Project Cost			
	Applications (active)	Awarded (active)	Awarded (complete)	Required Share	Grant	Loan	Grant	Loan				
Department of Water Resources	DWR	-	1	-	\$0	\$0	\$0	\$133,943	\$0	\$0	\$0	\$133,943
2022 COP Series	Bond	-	1	-	-	-	-	-	53,340,000	-	-	53,340,000
Environmental Protection Agency/Water Infrastructure Finance and Innovation Act	EPA/WIFIA	-	1	-	59,337,327	-	-	-	57,010,373	-	-	116,347,700
Federal Emergency Management Agency	FEMA	0	3	-	975,000	-	-	5,164,151	-	-	-	6,139,151
<b>Stormwater</b>		<b>0</b>	<b>6</b>	<b>0</b>	<b>\$60,312,327</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,298,094</b>	<b>\$110,350,373</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175,960,794</b>
United States Bureau of Reclamation	USBR	1	2	-	\$2,000,000	\$2,000,000	-	-	\$68,431,425	-	-	\$72,431,425
<b>Canal</b>		<b>1</b>	<b>2</b>	<b>0</b>	<b>\$2,000,000</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$68,431,425</b>	<b>\$0</b>	<b>\$0</b>	<b>\$72,431,425</b>
California Governor's Office of Emergency	CalOES	-	-	1	\$0	\$0	\$0	\$0	\$0	\$300,000	\$0	\$300,000
Coachella Valley Mountains Conservancy	CVMC	1	1	-	130,000	160,000	-	235,000	-	-	-	525,000
County of Riverside	RIVCO	-	1	-	-	-	-	6,059,000	-	-	-	6,059,000
Department of Water Resources	DWR	1	9	2	10,249,240	12,800,000	-	10,718,115	-	286,768	-	34,054,123
Environmental Protection Agency	EPA	1	0	-	-	2,700,000	-	-	-	-	-	2,700,000
State Water Resources Control Board	SWRCB	2	2	2	-	10,935,234	-	23,899,781	-	8,279,275	19,838,922	62,953,212
United States Bureau of Reclamation	USBR	1	0	2	1,883,574	1,500,000	-	-	-	200,000	-	3,583,574
United States Department of Agriculture	USDA	0	2	-	-	-	-	6,016,000	24,834,000	-	-	30,850,000
<b>Domestic</b>		<b>6</b>	<b>15</b>	<b>7</b>	<b>\$12,262,814</b>	<b>\$28,095,234</b>	<b>\$0</b>	<b>\$46,927,896</b>	<b>\$24,834,000</b>	<b>\$9,066,043</b>	<b>\$19,838,922</b>	<b>\$141,024,909</b>
County of Riverside	RIVCO	-	1	-	\$3,100,000	\$0	\$0	\$3,100,000	\$0	\$0	\$0	\$6,200,000
Department of Water Resources	DWR	-	-	1	-	-	-	-	-	491,162	-	491,162
State Water Resources Control Board	SWRCB	4	3	-	-	28,306,686	20,700,000	10,000,000	50,662,117	-	-	109,668,803
United States Bureau of Reclamation	USBR	0	1	-	-	-	-	12,276,517	-	-	-	12,276,517
United States Department of Agriculture	USDA	-	2	1	-	-	-	1,531,681	-	2,504,290	-	4,035,971
<b>Sanitation</b>		<b>4</b>	<b>7</b>	<b>2</b>	<b>\$3,100,000</b>	<b>\$28,306,686</b>	<b>\$20,700,000</b>	<b>\$26,908,198</b>	<b>\$50,662,117</b>	<b>\$2,995,452</b>	<b>\$0</b>	<b>\$132,672,453</b>
2021 COP Series - East Replenishment	Bond	-	1	-	-	\$0	\$0	\$0	\$51,965,000	\$0	\$0	\$51,965,000
United States Bureau of Reclamation	USBR	-	1	-	200,000	-	-	200,000	-	-	-	200,000
Department of Water Resources	DWR	2	-	2	-	19,940,200	-	-	-	1,000,000	-	20,940,200
<b>Replenishment Funds</b>		<b>2</b>	<b>2</b>	<b>2</b>	<b>\$200,000</b>	<b>\$19,940,200</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$51,965,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$73,305,200</b>
<b>Total</b>		<b>13</b>	<b>32</b>	<b>11</b>	<b>\$77,875,141</b>	<b>\$78,342,120</b>	<b>\$20,700,000</b>	<b>\$79,334,188</b>	<b>\$306,242,915</b>	<b>\$13,061,495</b>	<b>\$19,838,922</b>	<b>\$595,394,781</b>

**Coachella Valley Water District Grant/Loan Status Report:**

Agency Information	Project Information	Required Cost Share	Grant	Loan	Note
<b>PreAward</b>					
USBR Agreement: Contact: Reporting:	Mid-Canal Reservoir Fund: 501 Project: C02103 Project Cost: \$8,189,016	\$2,000,000	\$2,000,000	\$0	Applied through WaterSMART Drought Program. 50:50 Cost Share. Grant announcement expected January 2023.
SWRCB Agreement: 3310001-010P Contact: Mehreen Siddiqui and Kevin Warring Reporting: Quarterly	ECV Update and Consolidation Planning Grant Fund: 535 Project: GR2302 Project Cost: \$2,835,234	-	2,835,234	-	Update to the East Coachella Valley Water Supply Plan (ECVWSP) along with 3 high ranking water consolidation projects from original Plan.
CVMC Agreement: Contact: Diana Rosas Reporting: Quarterly	Additional Monitoring Wells Fund: 535 Project Project Cost: \$200,000	40,000	160,000	-	Applied for 2 additional wells with Coachella Valley Mountain Conservancy (CVMC) Round 2 funding.
DWR Agreement: Contact: Reporting: Quarterly	Booster Station 05513 Rehabilitation and Upgrade Reservoir 5514-2 Design and Construction Fund: 535 Project: B01802 / R0XXX Project Cost: \$5,500,000	-	5,500,000	-	Submitted application under the 2022 Urban Community Drought Relief Funding with the Regional Water Management Group. Expect award announcement early February.
	Talavera Water Main Rplmt Fund: 535 Project: DW1605 / GR1912 Project Cost: \$7,300,000	-	7,300,000	-	Submitted application under the 2022 Urban Community Drought Relief Funding with the Regional Water Management Group.

Agency Information	Project Information	Required Cost Share	Grant	Loan	Note
<b>PreAward (continued)</b>					
SWRCB Agreement: 3310001-015C Contact: Kevin Warring Reporting: Quarterly	Valley View Transmission Main Fund: 535 Project: DW2113 / GR1806 Project Cost: \$12,850,000	-	8,100,000	-	State application has cleared environmental. General and Technical Packages are under review.
EPA Community Grant - Earmark Contact: Reporting:	Valley View Transmission Main Fund: 535 Project: DW2113 / GR1806 Project Cost: \$12,850,000		2,700,000	-	EPA Community Grant 2,700,000 working on application for this portion of funding.
USBR Agreement Contact: Reporting: Quarterly	Rebates for Landscape Irrigation Measures Fund: 535 Project: DW2113 / GR1806 Project Cost: \$3,000,000	1,500,000	1,500,000	-	WaterSMART Water and Energy Efficiency Grant (WEEG) for Water Services turf conversion, irrigation system upgrades, and sprinkler nozzle replacements. Cost share will be sustained by applicants
DWR Agreement: Contact: Reporting: Quarterly Total Request: \$15,999,600	SGMA - Coachella Valley Salt and Nutrient Management Plan- Mission Creek Subbasin Fund: 551		564,000	-	There are 8 partnering agencies in the CVSNMP. CVWD will manage the project.
DWR Agreement: Contact: Reporting: Quarterly Total Request: \$19,936,200	SGMA - Coachella Valley Salt and Nutrient Management Plan- Indio Subbasin Fund: 552		19,376,200	-	CVWD projects submitted for this application: CVSNP -Indio Subbasin \$1,416,200 WRP-7 Tertiary Treatment \$7,960,000 Palm Desert Groundwater Replenishment Facility (Phase 2) \$10,000,000

Agency Information	Project Information	Required Cost Share	Grant	Loan	Note
<b>PreAward (continued)</b>					
SWRCB Agreement: Contact: David Houston Reporting: Quarterly	WRP 7 Improvement, MP113.2 Rehab and Young's Farmland Fund: 580 Project: WR7022 Project Cost: \$25,700,000	-	5,000,000	20,700,000	Applying through the Clean Water SRF 2023-24 funding program. Will also pursue grant funds from the Sustainable Groundwater Management Grant Program-up to \$8 million. Also working on Title XVI to apply for WIIN grant funds. All grant dollars received will offset the total loan amount with SWRCB.
SWRCB Agreement: 8463-110 Contact: Jonathan Miras Reporting: Quarterly	Avenue 66/Sunbird Trunk Sewer Extension Fund: 580 Project: SA2003 / GR1814 Project Cost: \$8,000,000	-	8,000,000	-	Complete application has been submitted. Technical and general checklists to be drafted by mid-January. Submitted costs for all 3 projects to FAAST.
SWRCB Agreement: Contact: Jonathan Miras Reporting: Quarterly	Valley View/Airport Blvd Sewer Consolidation Project Fund: 580 Project: SA2006 / GR1914 Project Cost: \$12,850,000	-	12,500,000	-	Engineering seeking final engineering services through RFP. CEQA review by State is complete. State PM will request credit review and concurrently review and finalize the technical and general packages.
SWRC Agreement: 8579-110 Contact: Jonathan Miras Reporting: Quarterly	Oasis Gardens Sewer Consolidation and Polk Street Lift Station Fund: 580 Project: GR2103 Project Cost: \$2,806,686	-	2,806,686	-	CEQA review by the State is complete. Application can go to credit review. The PM will review and finalize technical and general packages during the credit review process.
<b>PreAward Subtotal</b>		<b>\$ 3,540,000</b>	<b>\$ 78,342,120</b>	<b>\$ 20,700,000</b>	

Agency Information	Project Information	Required Cost Share	Grant	Loan	Note
<b>Awarded</b>					
WIFIA Agmt Number: N18123CA Contact: Amelia Letnes Reporting: Quarterly	CV Stormwater Channel Improvements - Avenue 54 to Thermal Drop Structure Fund: 110 Project: SW0042 / GR1906 Project Cost: \$51,347,700	\$26,187,327	\$0	\$25,160,373	The contractor is performing work excavation, dewatering, control of surface water, over excavation and compaction, cutting slope, installation of rebar reinforcement, and concrete pour as they progress with the construction of the project. Project approximately 65% complete.
WIFIA Agmt Number: N18123CA Contact: Amelia Letnes Reporting: Quarterly	North Indio Regional Flood Control System Phase I & II Fund: 110 Project: SW0005 / GR1906 Project Cost: \$65,000,000	33,150,000	-	31,850,000	Phase 1 is complete. The construction of Phase 2 of the North Indio Regional Flood Control Project is currently at 35% completion. Need to stay within 12 months out of the substantial completion date of 8/2023.
COP Series 2022	North Indio Regional Flood Control System Phase II Fund: 110 Project: SW2201 / GR1906 Project Cost: \$53,340,000	-	-	53,340,000	Construction activity ongoing. To date, \$42.8M has been spent.
DWR/Ventura County Agmt Number: 460012936 Contact: Ron Marotto @ Ventura County Reporting: Quarterly	Flood Emergency Response Evaluation and Installation of Rainfall Gauges Fund: 110 Project: SW1606 / GR1809 Project Cost: \$133,943	-	133,943	-	Waiting on funds from DWR. Ventura had issues to resolve before invoice was accepted by DWR.



Agency Information	Project Information	Required Cost Share	Grant	Loan	Note
<b>Awarded (continued)</b>					
FEMA Agreement: DR4308-39 Contact: Robert Aguilar Reporting: Quarterly	East Side Dike Improvement, Phase 1 (Dune Palms to I-10) Fund: 110 Project: SW1601 / GR1813 Project Cost: \$3,100,000	975,000	2,925,000	-	Project is complete. Grant close-out to be completed next reporting period.
FEMA Agreement: DR4331-DR Contact: Susan Lee Reporting: Quarterly	Public Assistance Grant for Storm Damage 2/14/19 Category D Projects Fund: 110 / 535 Project: GR1915 Cost Share: 25% from CalOES due to disaster funds	-	2,072,921	-	Received Request for Information (RFI) 8/24/2022. FEMA has determined there is additional information they require to proceed with initiating a compliance review determination on the submitted projects. Additional information was submitted 9/13/22.
FEMA Agreement: DR4331-DR Contact: Susan Lee Reporting: Quarterly	Public Assistance Grant for Storm Damage 2/14/19 Category C & F Projects Fund: 110 / 535 Project: GR1915 Cost Share: 25% from CalOES due to disaster funds	-	166,230	-	Requested close out for cat C & F. CalOES has assigned a Project Manager to assist in finalizing the two projects. Sent another request to close this out - 8/15/22. Close out will pass through CalOES then back to FEMA for review to make sure they don't have any additional requests.
USBR Agreement: 22-XX-30-W0735 Contact: Carrie Scott Reporting:	Mid-Canal Reservoir Project Fund: 501 Project: C02103 Project Cost: \$7,500,000	-	-	7,500,000	Working out details of cost share with San Diego Water Authority and San Luis Rey Tribe. Environmental should be finishing up by end of January. Will take to Board for approval early 2023.

Agency Information	Project Information	Required Cost Share	Grant	Loan	Note
<b>Awarded (continued)</b>					
USBR Agreement: 22-XX-30-W0734 Contact: Carrie Scott Reporting:	Irrigation Laterals through the USBR BILFund: 501 Project: Multiple Project Cost: \$60,931,425	-	-	60,931,425	Went to Board for approval of executing the Agreement with USBR, 9/23/2022. Working on reporting and fund reimbursement requests for costs incurred through December.
USBR Agreement: R22AS00165 Contact: Reporting: Quarterly	Mission Creek Subbasin Water Quality Model for the CV Salt and Nutrient Management Plan Fund: 551 Project: GD2205 Project Cost: \$1,330,000	200,000	200,000	-	Awarded through the WaterSMART - Applied Science Grants. Received email requesting confirmation of information on our application so the Agreement can move forward.
RIVCO Agreement: ARPA Contact: Bill Tharalson Reporting: Quarterly	IXT 7991 Replacement Project Fund: 535 Project: IE0004 / GR1919 Project Cost: \$6,059,000	-	6,059,000		Have executed Agreement. Went to Board 12/13/22 to reject bids. Will modify project scope to reduce cost and then rebid project.
USDA Case Number: 04-033-**0827 Contact: Luis Andrade Reporting: Quarterly	North Shore / Dale Kiler / BS7101 / 7102 / 7990 Fund: 535 Project: GR1913 / DW1622 / DW1704 / B02201,02,03 Project Cost: \$27,450,000	-	4,840,000	22,700,000	Working on Letter of Conditions, submitting plans and specs for USDA Engineer review and approval to get ready to go out to bid. Hope to go out to bid January 2023.

Agency Information	Project Information	Required Cost Share	Grant	Loan	Note
<b>Awarded (continued)</b>					
USDA Case Number: 04-033-**0827 Contact: Luis Andrade Reporting: Quarterly	Reservoir 7101-2 Fund: 535 Project: R02004 Project Cost: \$3,310,000	-	1,176,000	2,134,000	Reviewing the Letter of Conditions for the tank design and construction. This particular funding has BABA requirements. On the same timetable as the NS/DK projects.
CVMC Agreement: 38500000P010035 Contact: Diana Rosas Reporting: Quarterly	Coachella Valley Mountain Conservancy Monitoring Wells Fund: 535 Project: GD2205 Project Cost: \$325,000	90,000	235,000	-	Construct 6 monitoring wells to address groundwater data gaps. Quarterly update provided November. Project is about 85% complete.
SWRCB Agreement: 3310001-009P Contact: Kevin Warring Reporting: Quarterly	Highway 86 Planning Grant Fund: 535 Project: GR1914 / DW2104 Project Cost: \$580,000	-	499,781	-	Alignment in Cal Trans Right of Way pending. Should have received recommendation of alignment from consultant on 12-12-22. Quarterly report updates to State.

Agency Information	Project Information	Required Cost Share	Grant	Loan	Note
<b>Awarded (continued)</b>					
SWRCB Agreement: 3310001-014C Contact: Mehreen Siddiqui and Kevin Warring Reporting: Quarterly	Avenue 66 Transmission Main Phase 1B&2 (St. Anthony) Fund: 535 Project: GR1806 /GR2101 / DW2105 Project Cost: \$33,380,000	-	23,400,000	-	Continue working on consolidation agreements with Manuela Garcia and Seferino Huerta. Consolidation with St. Anthony is waiting the completion of purchase by the Coachella Valley Housing Coalition. Phase 1B and 2 will go out to bid under one contract. State staff reviews are complete, and the master file has been routed for approval by SWRCB. Agreement expected April 2023.
DWR Agreement: 4600014488 Contact: Yuriy Pishtoy Reporting: Annually	Avenue 66 Transmission Main Phase 1B&2 (St. Anthony) Additional Funding SB170	-	7,000,000	-	
DWR Agreement: 4600012245 Contact: Yuriy Pishtoy Reporting: Quarterly Total Grant Award: \$3,825,383	Prop 1 Round 1 IRWM Implementation Grant ECVWS- Avenue 66 Phase 2B Fund: 535 Project: GR1911 Job No. 52	5,634,240	1,268,750	-	Utilizing funds to pay for engineering services; easements, planning, design and environmental
	CVWater Counts Job No. 37	1,065,000	370,400	-	CVWD has exhausted its portion of rebates.
DWR Agreement: 4600011522 Contact: Yuriy Pishtoy Reporting: Quarterly Total Grant Award: \$3,361,627	Prop 84 Round 4 Grant Administration Fund: 535 Project: GR0018 Project Cost: \$25,328	-	25,328	-	Close out continues. Waiting on DWR approval of submitted deliverables.

Agency Information	Project Information	Required Cost Share	Grant	Loan	Note
<b>Awarded (continued)</b>					
DWR Agreement: 4600014797 Contact: Yuriy Pishtoy Reporting: Quarterly Total Grant Award: \$918,984	Prop 1 Urban & Multibenefit Drought Relief-CV Water Counts Regional Water Conservation Program Fund: 535 Project: GR1804	-	223,637	-	New turf rebate agreement with Local Project Sponsors. Administration costs covered in the Amendment 9 with the other additional projects.
DWR Agreement: 4600012245 Contact: Yuriy Pishtoy Reporting: Quarterly Total Grant Award: \$6,717,504	Prop 1 DACI - Urban & Multibenefit Drought Relief-CV Water Counts Regional Water Conservation Program Fund: 535 Project: GR1804 No. 13 Grant Administration	-	355,000	-	Grant administration costs for additional 12 projects added to the Prop 1 DAC grant as Amendment 9. Some LPSs are concerned with chain supply and rapid inflation that they will need to amend scope and reduce size of projects.
	No. 15 Valley View Mobile Home Park Fund: 535 Project: DW2113 Project Cost: \$12,850,000	-	600,000	-	Grant funding of \$50,000 easements, \$550,000 for planning, design and environmental.
DWR Agreement: P1R2 Contact: Yuriy Pishtoy Reporting: Quarterly Grant Award: \$4,112,755	Grant Administration Fund: 535 Project: GR2301	-	25,000	-	Admin costs to administer grant as the grantee. Six projects awarded. Currently reviewing Agreement terms with Local Project Sponsors.
	Reservoir 4711-3 & 4711-4 Design and Construction Fund: 535 Project: R01503 Project Cost: \$4,400,000	3,550,000	850,000	-	Grant funding through the Prop1/Round 2 offering. Currently working on permits. Will need to update plans and specs for project readiness beginning next fiscal year.

Agency Information	Project Information	Required Cost Share	Grant	Loan	Note
<b>Awarded (continued)</b>					
COP SERIES 2021A and Series 2021B	Oasis In-Lieu Recharge Phase 2 Fund: 552 Project: C02001	-	-	51,965,000	Construction approximately 90% complete. Project will expand the Irrigation Lateral 97.1 distribution system. Contractor currently installing meters and appurtenances on the system.
RIVCO Agreement: ARPA Contact: Bill Tharalson Reporting: Quarterly	Mecca Lift Station 5511 Upgrade to existing facility Fund: 580 Project: LS2201 Project Cost: \$6,200,000	3,100,000	3,100,000	-	Engineering working on design, then construction. Riverside County Board approved 50% of project cost for grant funding. Balance of project will be funded utilizing SCC Collection restricted fund.
USDA Case Number: 04-033-**0827 Contact: Luis Andrade Reporting: Quarterly	Monroe Street Trunk Sewer / Avenue 64 Sewer Fund: 580 Project: GR1909 / SA1905 Project Cost: \$2,600,000	-	1,319,900	-	Project went out to bid, extended through January 11th due to Tribal review of public right of way on Monroe .
SWRCB Agreement: D2101039 Contact: David Houston Reporting: Quarterly	NPW Connections LT 2020-21 Fund: 580 Project: Multiple Project Cost: \$32,500,000	-	5,000,000	10,530,000	Project expected to go out to bid Spring of 2023 upon finalization of easements and agreements.
SWRCB Agreement: D2001010 Contact: David Houston Reporting: Quarterly	NPW Connections ST 2017-18 Fund: 580 Project: Multiple Project Cost: \$45,132,117	-	5,000,000	40,132,117	Awaiting payment of the grant portion billed to SWRCB. Holding off on additional invoicing of project to coordinate with USBRs WIIN grant.

Agency Information	Project Information	Required Cost Share	Grant	Loan	Note
<b>Awarded (continued)</b>					
USBR Agreement: R22AS00115 Contact: Reporting:	Title XVI WIIN Grant for the NPW Connections (2017- 2018) Fund: 580 Project: GR1901 Cost Share; 75% of project total	-	12,276,517	-	Received notification of award. Will be working with USBR to prepare Agreement which will take us out to late Spring of 2023.
USDA Agreement: Contact: Luis Andrade Total Grant Award: \$2,367,928	Avenue 62 Community Sewer Fund: 580 Project: GR0002 Cost Share: \$0	-	211,781	-	Extension of grant in process with USDA. Received project update from Pueblo Unido 11/10/2022. Forwarded to USDA to complete the extension.
<b>Awarded Subtotal</b>		<b>\$73,951,567</b>	<b>\$79,334,188</b>	<b>\$306,242,915</b>	
<b>Completed</b>					
USBR Agreement: R19AP00021	AMI Pilot Program Fund: 535 Project: DW1905 / GR1807	\$162,883	\$100,000	\$0	Completed 1-3-2022
USBR Agreement: R19AP00100	Leak Detection Pilot Program Fund: 535 Project: DW2007 / GR1902	220,690	100,000	-	Completed 4-30-2021
SWRCB Agreement: 3310001-009C	Thermal Mutual/ Oasis Gardens MHP Consolidation Fund: 535 Project: DW1708/ DW1713	-	2,463,985	-	Completed 3-23-2022
CalOES Agreement: 065-91002	Emergency Stand- by Generator for Well 6808-1 Fund: 535 Project: DW2112 / GR2107	-	300,000	-	Completed 10-19-2022.

Agency Information	Project Information	Required Cost Share	Grant	Loan	Note
<b>Completed (continued)</b>					
DWR Agreement: 4600012245	Prop 1 DACI Grant Admin Fund: 535 GR1804	-	286,768	-	Completed 11-30-2022
DWR Agreement: 4600012245	Prop 1 DACI Grant Project 4- East Valley DAC Design Fund: 535 / 580 Project: GR1804	-	491,162	-	Completed 11-30-2022
SWRCB Agreement: 3301153-001C	Westside Elementary School Fund: 535 Project DW1711 / GR1703	-	815,290	-	Completed 7-23-2021
SWRCB Agreement: D17-02091	Highway 86 Transmission Main Phase 2 Booster Station (BS08886) Fund: 535 Project: DW1105 / DW1202	-	5,000,000	19,838,922	Completed 07-27-2021
DWR Agreement: 4600013559	Prop 68 Groundwater Indio Sub Basin Plan Update Fund: 550 / 552 Project: GR1916	-	500,000	-	Completed 03-25-2022
DWR Agreement: 4600013560	Prop 68 Groundwater Mission Creek Sub Basin Plan Update Fund: 551 Project: GR1916	-	500,000	-	Completed 03-25-2022
USDA Agreement: 04-033-****0827	St. Anthony Sewer Project Fund: 580 Project: GR0016 / GR1811	-	2,504,290	-	Completed 9-20-2021
<b>Completed</b>		<b>\$383,573</b>	<b>\$13,061,495</b>	<b>\$19,838,922</b>	
<b>Total</b>		<b>\$77,875,140</b>	<b>\$170,737,804</b>	<b>\$346,781,837</b>	



**Treasurer's Report**  
**CASH AND INVESTMENTS**  
**December 31, 2022**

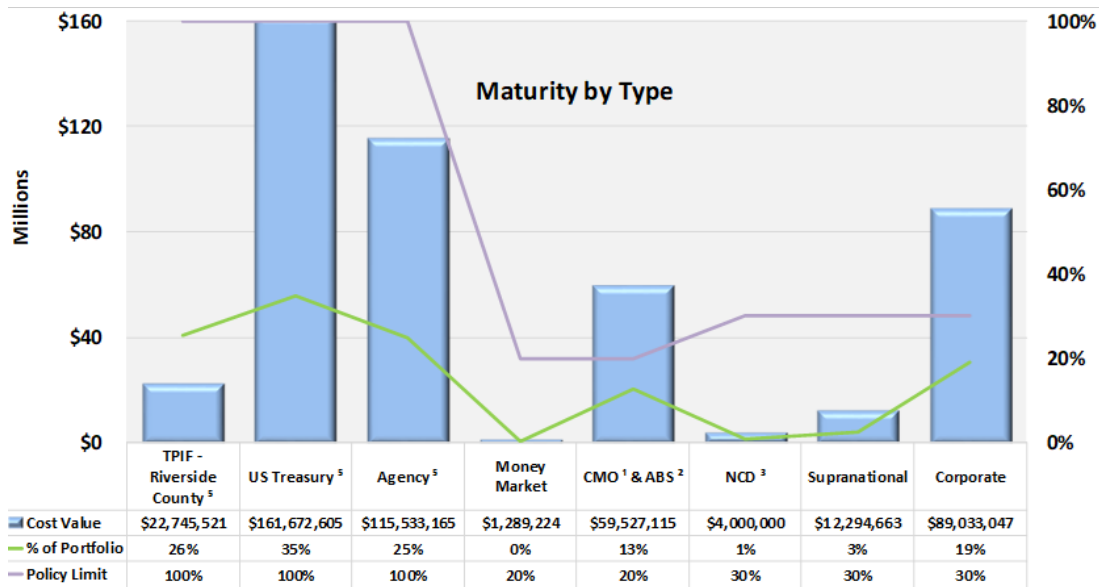
Net Operating Cash on Hand <sup>1</sup>	\$	3,238,316	
Investment Portfolio		465,860,653	
Restricted Funds Held with Trustee		69,821,250	
<b>Total Cash and Investments</b>	<b>\$</b>	<b>538,920,219</b>	
<b>RESTRICTED:</b>			
Domestic - Note Series 2022	\$	34,746,491	6%
East Replenishment - COP Series 2021		1,903,835	0%
Stormwater - COP Series 2022		7,276,171	1%
State Water Project <sup>2</sup>		36,317,143	7%
Water System Developer Fees		46,182,964	9%
Sanitation Capacity Developer Fees		26,677,316	5%
Contractor Deposit Fund		4,904,754	1%
OPEB Trust Fund		33,148,156	6%
Assessment District & Community Facilities District		10,835,876	2%
<b>Total Restricted Funds</b>	<b>\$</b>	<b>201,992,706</b>	<b>37%</b>
<b>UNRESTRICTED:</b>			
<b>Enterprise Funds:</b>			
Domestic Water	\$	62,029,484	12%
Canal Water		50,428,599	9%
Sanitation		36,290,209	7%
Stormwater		128,213,157	24%
Groundwater Replenishment - West		45,459,868	8%
Groundwater Replenishment - Mission Creek		4,332,923	1%
Groundwater Replenishment - East		8,139,277	2%
<b>Total Enterprise Funds</b>	<b>\$</b>	<b>334,893,517</b>	<b>62%</b>
<b>Internal Service Funds:</b>			
Motorpool	\$	946,388	0%
Workers' Compensation Self-Insurance		340,026	0%
Dental Self Insurance		(78,611)	0%
<b>Total Internal Service Fund</b>	<b>\$</b>	<b>1,207,803</b>	<b>0%</b>
<b>Clearing Funds:</b>			
Payroll and General Clearing Account	\$	826,192	0%
<b>Total Unrestricted Funds</b>	<b>\$</b>	<b>336,927,512</b>	<b>63%</b>
<b>Total Cash and Investments by Fund</b>	<b>\$</b>	<b>538,920,219</b>	<b>100%</b>

<sup>1</sup> The Net Operating Cash On Hand does not include restricted funds held with Trustee.

<sup>2</sup> The State Water Project (SWP) expenses are funded primarily through property tax levy. The property taxes are derived from the \$0.11 levy for SWP water and delivery costs. The District receives the bulk of these tax payments in December and May.

The total cost value of all cash and investments for the month ended December 31, 2022, is \$538,920,219. The charts below show the District’s investment portfolio and funds invested into the County of Riverside Treasurer Pooled Investment Fund (TPIF). The charts do not include cash on hand.

Chandler Asset Management, Inc. manages the District’s portfolio under the direction of the Director of Finance.



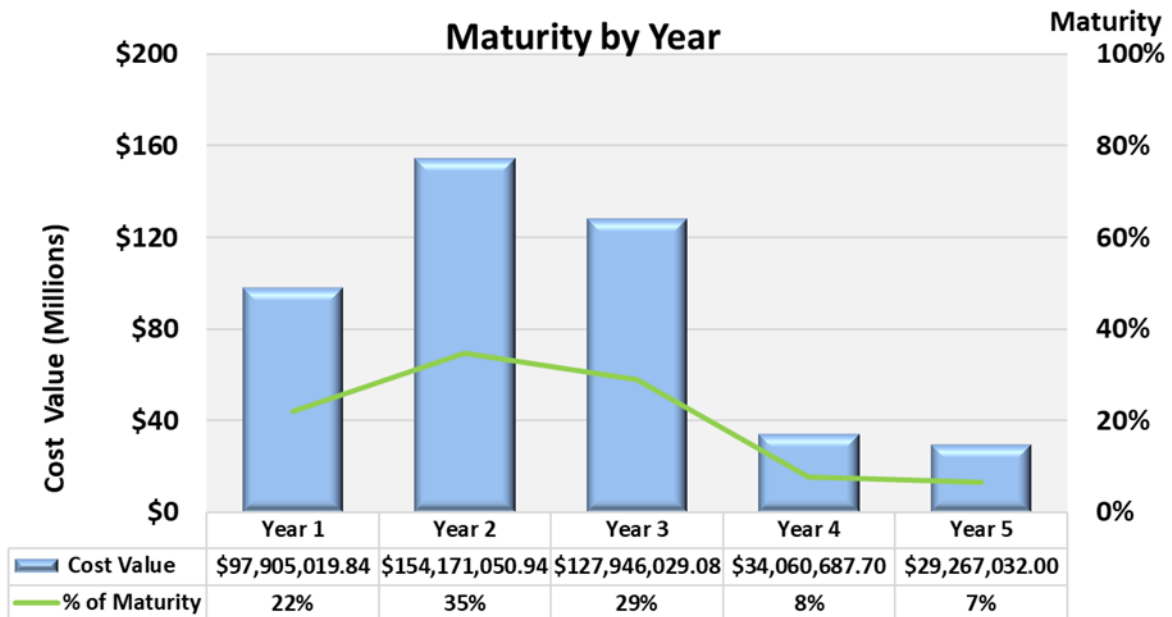
<sup>1</sup> COLLATORIZED MORTGAGE OBLIGATION

<sup>2</sup> ASSET BACKED SECURITIES; CMO & ABS combined have 20% policy limit

<sup>3</sup> NEGOTIABLE CERTIFICATE OF DEPOSIT

<sup>4</sup> TREASURER POOLED INVESTMENT FUND (TPIF) is not part of the District's portfolio. TPIF has its own policy limit as described in the COUNTY OF RIVERSIDE OFFICE OF THE TREASURER-TAX-COLLECTOR STATEMENT OF INVESTMENT POLICY

<sup>5</sup> TPIF, US TREASURY, & AGENCY INVESTMENTS HAVE NO POLICY LIMITS



Cusp	Issuer	Security Type	Amount	Coupon	Purchase Yield	Purchase Date	Maturity Date	Cost	Book Value	Mkt Value	Accrued	S&P Rating
31846V401	First American	Money Market Fund	\$ 1,289,223.84	3.64	3.640	Various	12/31/2022	\$ 1,289,223.84	\$ 1,289,223.84	\$ 1,289,223.84	\$ -	AAA
<b>Money Market Fund Total</b>			<b>\$ 1,289,223.84</b>					<b>\$ 1,289,223.84</b>	<b>\$ 1,289,223.84</b>	<b>\$ 1,289,223.84</b>	<b>\$ -</b>	
912828T91	US Treasury	US Treasury	\$ 4,000,000.00	1.625	1.618	12/05/2019	10/31/2023	\$ 4,001,093.75	\$ 4,000,232.57	\$ 3,900,780.00	\$ 11,132.60	AA+
91282CBE0	US Treasury	US Treasury	\$ 7,500,000.00	0.125	0.244	01/12/2021	1/15/2024	\$ 7,473,339.84	\$ 7,490,772.42	\$ 7,152,832.50	\$ 4,330.84	AA+
91282CBV2	US Treasury	US Treasury	\$ 4,400,000.00	0.375	0.355	04/28/2021	4/15/2024	\$ 4,402,578.13	\$ 4,401,119.89	\$ 4,165,220.40	\$ 3,535.71	AA+
91282CCC3	US Treasury	US Treasury	\$ 6,400,000.00	0.25	0.325	06/03/2021	5/15/2024	\$ 6,386,000.00	\$ 6,393,494.42	\$ 6,026,252.80	\$ 2,077.35	AA+
91282CCG4	US Treasury	US Treasury	\$ 4,000,000.00	0.25	0.463	06/28/2021	6/15/2024	\$ 3,975,000.00	\$ 3,987,731.05	\$ 3,755,624.00	\$ 467.03	AA+
91282CCL3	US Treasury	US Treasury	\$ 7,500,000.00	0.375	0.366	08/05/2021	7/15/2024	\$ 7,502,050.78	\$ 7,501,071.22	\$ 7,028,610.00	\$ 12,992.53	AA+
91282CCT6	US Treasury	US Treasury	\$ 7,500,000.00	0.375	0.449	08/18/2021	8/15/2024	\$ 7,483,593.75	\$ 7,491,105.77	\$ 7,009,275.00	\$ 10,623.30	AA+
912828YE4	US Treasury	US Treasury	\$ 7,000,000.00	1.25	0.302	01/08/2021	8/31/2024	\$ 7,239,531.25	\$ 7,109,664.91	\$ 6,630,316.00	\$ 29,730.66	AA+
91282CCX7	US Treasury	US Treasury	\$ 8,000,000.00	0.375	0.520	10/05/2021	9/15/2024	\$ 7,966,250.00	\$ 7,980,440.70	\$ 7,460,312.00	\$ 8,950.28	AA+
91282CDB4	US Treasury	US Treasury	\$ 7,400,000.00	0.625	0.628	10/14/2021	10/15/2024	\$ 7,399,421.88	\$ 7,399,655.55	\$ 6,914,663.60	\$ 9,910.71	AA+
91282CDH1	US Treasury	US Treasury	\$ 6,000,000.00	0.75	0.799	11/10/2021	11/15/2024	\$ 5,991,328.13	\$ 5,994,587.99	\$ 5,603,436.00	\$ 5,842.54	AA+
912828Z52	US Treasury	US Treasury	\$ 5,000,000.00	1.375	0.373	02/16/2021	1/31/2025	\$ 5,196,093.75	\$ 5,103,486.37	\$ 4,701,760.00	\$ 28,770.38	AA+
912828ZC7	US Treasury	US Treasury	\$ 5,000,000.00	1.125	1.428	01/31/2022	2/28/2025	\$ 4,954,492.19	\$ 4,968,055.46	\$ 4,670,900.00	\$ 19,112.57	AA+
912828ZF0	US Treasury	US Treasury	\$ 6,500,000.00	0.5	0.635	Various	3/31/2025	\$ 6,465,109.38	\$ 6,480,536.43	\$ 5,974,416.50	\$ 8,303.57	AA+
912828ZL7	US Treasury	US Treasury	\$ 7,500,000.00	0.375	0.339	02/02/2021	4/30/2025	\$ 7,511,425.78	\$ 7,506,277.90	\$ 6,850,192.50	\$ 4,816.99	AA+
912828ZT0	US Treasury	US Treasury	\$ 6,750,000.00	0.25	1.031	12/02/2021	5/31/2025	\$ 6,569,648.44	\$ 6,625,380.61	\$ 6,132,746.25	\$ 1,483.52	AA+
912828ZW3	US Treasury	US Treasury	\$ 5,000,000.00	0.25	2.407	03/22/2022	6/30/2025	\$ 4,662,500.00	\$ 4,742,709.21	\$ 4,533,010.00	\$ 34.53	AA+
912828K74	US Treasury	US Treasury	\$ 4,500,000.00	2	2.958	04/21/2022	8/15/2025	\$ 4,364,648.44	\$ 4,393,037.62	\$ 4,252,500.00	\$ 33,994.57	AA+
9128285C0	US Treasury	US Treasury	\$ 8,000,000.00	3	3.069	07/07/2022	9/30/2025	\$ 7,982,812.50	\$ 7,985,390.63	\$ 7,739,376.00	\$ 61,318.68	AA+
9128285J5	US Treasury	US Treasury	\$ 5,000,000.00	3	3.047	06/09/2022	10/31/2025	\$ 4,992,382.81	\$ 4,993,643.12	\$ 4,833,205.00	\$ 25,690.61	AA+
912828M56	US Treasury	US Treasury	\$ 8,000,000.00	2.25	2.961	07/06/2022	11/15/2025	\$ 7,819,375.00	\$ 7,845,578.14	\$ 7,579,064.00	\$ 23,370.17	AA+
9128285T3	US Treasury	US Treasury	\$ 7,500,000.00	2.625	3.120	07/08/2022	12/31/2025	\$ 7,378,710.94	\$ 7,395,341.59	\$ 7,178,910.00	\$ 543.85	AA+
9128286A3	US Treasury	US Treasury	\$ 7,000,000.00	2.625	3.334	08/25/2022	1/31/2026	\$ 6,840,312.50	\$ 6,856,612.34	\$ 6,694,842.00	\$ 76,895.38	AA+
9128286L9	US Treasury	US Treasury	\$ 5,800,000.00	2.25	3.204	08/17/2022	3/31/2026	\$ 5,612,406.25	\$ 5,631,719.46	\$ 5,471,940.40	\$ 33,342.03	AA+
91282CEJ4	US Treasury	US Treasury	\$ 4,000,000.00	2.5	4.012	11/28/2022	3/31/2027	\$ 3,761,562.50	\$ 3,766,385.51	\$ 3,759,220.00	\$ 25,549.45	AA+
91282CEW7	US Treasury	US Treasury	\$ 8,000,000.00	3.25	4.009	10/05/2022	6/30/2027	\$ 7,740,937.50	\$ 7,753,123.37	\$ 7,747,184.00	\$ 718.23	AA+
<b>US Treasury Total</b>			<b>\$163,250,000.00</b>					<b>\$ 161,672,605.49</b>	<b>\$161,797,154.25</b>	<b>\$153,766,588.95</b>	<b>\$ 443,538.08</b>	
3135G04Q3	FNMA	Agency	\$ 7,400,000.00	0.25	0.352	06/03/2020	5/22/2023	\$ 7,377,726.00	\$ 7,397,094.70	\$ 7,276,538.03	\$ 2,004.17	AA+
3137EAES4	FHLMC	Agency	\$ 5,800,000.00	0.25	0.348	06/24/2020	6/26/2023	\$ 5,783,064.00	\$ 5,797,277.87	\$ 5,680,259.12	\$ 201.39	AA+
3135G05G4	FNMA	Agency	\$ 6,445,000.00	0.25	0.322	07/08/2020	7/10/2023	\$ 6,431,143.25	\$ 6,442,595.63	\$ 6,293,862.04	\$ 7,653.44	AA+
3137EA EV7	FHLMC	Agency	\$ 7,500,000.00	0.25	0.242	09/23/2020	8/24/2023	\$ 7,501,800.00	\$ 7,500,397.56	\$ 7,281,628.05	\$ 6,614.58	AA+
3130A3DL5	FHLB	Agency	\$ 2,500,000.00	2.375	1.697	10/29/2019	9/8/2023	\$ 2,562,975.00	\$ 2,511,173.70	\$ 2,458,481.45	\$ 18,637.15	AA+
3137EA EW5	FHLMC	Agency	\$ 5,000,000.00	0.25	0.229	09/28/2020	9/8/2023	\$ 5,003,100.00	\$ 5,000,721.60	\$ 4,849,553.95	\$ 3,923.61	AA+
3133EMBS0	FFCB	Agency	\$ 6,125,000.00	0.2	0.259	10/06/2020	10/2/2023	\$ 6,114,256.75	\$ 6,122,299.40	\$ 5,910,285.12	\$ 3,028.47	AA+
3137EA EY1	FHLMC	Agency	\$ 5,775,000.00	0.125	0.250	10/14/2020	10/16/2023	\$ 5,753,459.25	\$ 5,769,334.49	\$ 5,569,915.49	\$ 1,503.91	AA+
3137EA EZ8	FHLMC	Agency	\$ 7,505,000.00	0.25	0.280	11/03/2020	11/6/2023	\$ 7,498,245.50	\$ 7,503,095.67	\$ 7,220,160.86	\$ 2,866.49	AA+
3135G06H1	FNMA	Agency	\$ 5,475,000.00	0.25	0.288	11/23/2020	11/27/2023	\$ 5,468,758.50	\$ 5,473,122.43	\$ 5,259,247.22	\$ 1,292.71	AA+
3137EA FA2	FHLMC	Agency	\$ 5,250,000.00	0.25	0.283	12/02/2020	12/4/2023	\$ 5,244,802.50	\$ 5,248,400.40	\$ 5,032,617.82	\$ 984.38	AA+
3130A3VC5	FHLB	Agency	\$ 12,000,000.00	2.25	0.681	Various	12/8/2023	\$ 12,672,320.00	\$ 12,173,312.80	\$ 11,720,843.76	\$ 17,250.00	AA+
3135G0V34	FNMA	Agency	\$ 8,000,000.00	2.5	0.824	03/24/2020	2/5/2024	\$ 8,508,480.00	\$ 8,144,045.33	\$ 7,810,409.12	\$ 81,111.11	AA+
3130A7PH2	FHLB	Agency	\$ 8,000,000.00	1.875	0.850	03/03/2020	3/8/2024	\$ 8,322,800.00	\$ 8,095,187.44	\$ 7,730,072.48	\$ 47,083.33	AA+
3130A8HK2	FHLB	Agency	\$ 8,000,000.00	1.75	0.462	05/19/2020	6/14/2024	\$ 8,414,560.00	\$ 8,147,857.87	\$ 7,665,956.96	\$ 6,611.11	AA+
3130AQF40	FHLB	Agency	\$ 5,000,000.00	1	1.030	12/21/2021	12/20/2024	\$ 4,995,600.00	\$ 4,997,108.23	\$ 4,671,056.45	\$ 1,527.78	AA+
3133ENK8S	FFCB	Agency	\$ 2,780,000.00	1.125	1.202	01/06/2022	1/6/2025	\$ 2,773,745.00	\$ 2,775,780.31	\$ 2,598,937.02	\$ 15,203.13	AA+
3133ENPG9	FFCB	Agency	\$ 5,120,000.00	1.75	1.842	02/10/2022	2/14/2025	\$ 5,106,329.60	\$ 5,110,324.60	\$ 4,865,272.42	\$ 34,097.78	AA+
<b>Agency Total</b>			<b>\$113,675,000.00</b>					<b>\$ 115,533,165.35</b>	<b>\$114,209,130.03</b>	<b>\$109,895,097.36</b>	<b>\$ 251,594.54</b>	

Cusip	Issuer	Security Type	Amount	Coupon	Purchase Yield	Purchase Date	Maturity Date	Cost	Book Value	Mkt Value	Accrued	S&P Rating
3137BBBD1	FHLMC	CMO	\$ 2,000,000.00	3.389	1.445	02/10/2022	3/25/2024	\$ 2,054,531.25	\$ 2,031,108.43	\$ 1,961,949.20	\$ 5,648.33	NR
3137BFXT3	FHLMC	CMO	\$ 3,000,000.00	2.67	3.372	07/07/2022	12/25/2024	\$ 2,951,015.63	\$ 2,960,722.73	\$ 2,877,916.50	\$ 1,335.00	NR
3137BM7C4	FHLMC	CMO	\$ 3,000,000.00	3.308	2.956	05/16/2022	9/25/2025	\$ 3,023,320.31	\$ 3,018,912.56	\$ 2,898,824.40	\$ 8,270.00	NR
3137BN6G4	FHLMC	CMO	\$ 1,000,000.00	2.995	3.738	08/24/2022	12/25/2025	\$ 978,359.38	\$ 980,587.62	\$ 956,788.19	\$ 2,495.83	NR
3137BTUM1	FHLMC	CMO	\$ 4,000,000.00	3.347	4.278	12/02/2022	11/25/2026	\$ 3,874,687.50	\$ 3,876,885.96	\$ 3,831,640.40	\$ 11,156.67	NR
3137BVZ82	FHLMC	CMO	\$ 4,000,000.00	3.43	4.288	12/05/2022	1/25/2027	\$ 3,872,656.25	\$ 3,874,598.50	\$ 3,844,272.84	\$ 11,433.33	NR
<b>CMO Total</b>			<b>\$ 17,000,000.00</b>					<b>\$ 16,754,570.32</b>	<b>\$ 16,742,815.80</b>	<b>\$ 16,371,391.53</b>	<b>\$ 40,339.16</b>	
43813RAC1	Honda Auto Receivables	ABS	\$ 720,184.31	1.61	1.625	02/19/2020	4/22/2024	\$ 720,043.15	\$ 720,139.92	\$ 713,535.42	\$ 322.08	NR
44891VAC5	Hyundai Auto Lease Trust	ABS	\$ 2,265,000.00	0.33	0.338	06/08/2021	6/17/2024	\$ 2,264,660.25	\$ 2,264,893.65	\$ 2,230,443.57	\$ 332.20	AAA
58769KAD6	Mercedes-Benz Auto Lease Trust	ABS	\$ 1,810,000.00	0.4	0.404	06/22/2021	11/15/2024	\$ 1,809,863.35	\$ 1,809,944.31	\$ 1,757,830.91	\$ 321.78	AAA
09690AAC7	BMW Vehicle Lease Trust	ABS	\$ 1,106,188.91	0.33	0.336	09/08/2021	12/26/2024	\$ 1,106,074.75	\$ 1,106,139.73	\$ 1,080,915.15	\$ 60.84	NR
44891WAC3	Hyundai Auto Lease Trust	ABS	\$ 1,445,000.00	1.16	1.164	01/11/2022	1/15/2025	\$ 1,444,968.07	\$ 1,444,981.63	\$ 1,394,518.20	\$ 744.98	AAA
89238LAC4	Toyota Lease Owner Trust	ABS	\$ 3,210,000.00	1.96	1.976	02/23/2022	2/20/2025	\$ 3,209,494.75	\$ 3,209,678.75	\$ 3,096,003.27	\$ 1,922.43	AAA
36265MAC9	GM Financial Auto Lease Trust	ABS	\$ 2,635,000.00	1.9	1.908	02/15/2022	3/20/2025	\$ 2,634,977.34	\$ 2,634,986.32	\$ 2,546,050.31	\$ 1,529.76	NR
05601XAC3	BMW Vehicle Lease Trust	ABS	\$ 1,195,000.00	1.1	1.111	01/11/2022	3/25/2025	\$ 1,194,821.35	\$ 1,194,899.23	\$ 1,156,090.44	\$ 219.08	AAA
4778UAC6	John Deere Owner Trust	ABS	\$ 1,151,306.94	0.36	0.368	03/02/2021	9/15/2025	\$ 1,151,085.66	\$ 1,151,197.06	\$ 1,111,632.90	\$ 184.21	NR
4493LAC7	Hyundai Auto Receivables Trust	ABS	\$ 1,495,038.09	0.38	0.385	04/20/2021	9/15/2025	\$ 1,494,880.81	\$ 1,494,967.43	\$ 1,445,842.37	\$ 252.50	AAA
89190GAC1	Toyota Auto Receivables Trust	ABS	\$ 5,360,000.00	0.26	0.265	06/08/2021	11/17/2025	\$ 5,359,422.73	\$ 5,359,704.88	\$ 5,153,761.14	\$ 619.38	AAA
44934KAC8	Hyundai Auto Receivables Trust	ABS	\$ 3,290,000.00	0.38	0.390	07/20/2021	1/15/2026	\$ 3,289,273.90	\$ 3,289,604.93	\$ 3,141,540.40	\$ 555.64	AAA
43815GAC3	Honda Auto Receivables Trust	ABS	\$ 1,225,000.00	0.88	0.891	11/16/2021	1/21/2026	\$ 1,224,741.77	\$ 1,224,829.59	\$ 1,162,595.56	\$ 299.44	NR
47789QAC4	John Deere Owner Trust	ABS	\$ 1,540,000.00	0.52	0.524	07/13/2021	3/16/2026	\$ 1,539,862.63	\$ 1,539,917.15	\$ 1,461,579.66	\$ 355.91	NR
43815PAC3	Honda Auto Receivables	ABS	\$ 1,450,000.00	3.73	3.762	08/15/2022	7/20/2026	\$ 1,449,913.58	\$ 1,449,923.60	\$ 1,419,691.58	\$ 1,953.07	AAA
05602RAD3	BMW Vehicle Owner Trust	ABS	\$ 1,340,000.00	3.21	3.234	05/10/2022	8/25/2026	\$ 1,339,930.32	\$ 1,339,944.33	\$ 1,305,212.39	\$ 716.90	AAA
362554AC1	GM Financial Securitized Term	ABS	\$ 930,000.00	0.68	0.682	10/13/2021	9/16/2026	\$ 929,976.29	\$ 929,984.63	\$ 878,675.54	\$ 263.50	AAA
47787JAC2	John Deere Owner Trust	ABS	\$ 1,575,000.00	2.32	2.340	03/10/2022	9/16/2026	\$ 1,574,651.61	\$ 1,574,730.88	\$ 1,510,638.73	\$ 1,624.00	NR
380146AC4	GM Financial Auto Receivables	ABS	\$ 790,000.00	1.26	1.267	01/11/2022	11/16/2026	\$ 789,931.35	\$ 789,950.99	\$ 746,931.41	\$ 414.75	AAA
47800AAC4	John Deere Owner Trust	ABS	\$ 1,875,000.00	3.74	3.773	07/12/2022	2/16/2027	\$ 1,874,820.94	\$ 1,874,843.56	\$ 1,831,889.63	\$ 3,116.67	NR
36265WAD5	GM Financial Securitized Auto	ABS	\$ 1,260,000.00	3.64	3.668	07/06/2022	4/16/2027	\$ 1,259,991.31	\$ 1,259,992.60	\$ 1,231,922.66	\$ 1,911.00	NR
02582JTB	American Express Credit Trust	ABS	\$ 3,480,000.00	3.39	3.422	05/17/2022	5/17/2027	\$ 3,479,230.22	\$ 3,479,387.43	\$ 3,380,403.44	\$ 5,243.20	AAA
92348KAV5	Verizon Master Trust	ABS	\$ 1,630,000.00	3.72	3.751	08/02/2022	7/20/2027	\$ 1,629,928.28	\$ 1,629,938.40	\$ 1,605,279.19	\$ 1,852.77	AAA
<b>ABS Total</b>			<b>\$ 42,777,718.25</b>					<b>\$ 42,772,544.41</b>	<b>\$ 42,774,581.00</b>	<b>\$ 41,362,983.87</b>	<b>\$ 24,816.09</b>	
78012U3M5	Royal Bank of Canada	Negotiable CD	\$ 4,000,000.00	1.35	1.350	02/11/2022	2/14/2023	\$ 4,000,000.00	\$ 4,000,000.00	\$ 3,984,092.00	\$ 48,150.00	A-1+
<b>Negotiable CD Total</b>			<b>\$ 4,000,000.00</b>					<b>\$ 4,000,000.00</b>	<b>\$ 4,000,000.00</b>	<b>\$ 3,984,092.00</b>	<b>\$ 48,150.00</b>	
459058JM6	Intl. Bank Recon & Development	Supranational	\$ 2,690,000.00	0.25	0.322	11/17/2020	11/24/2023	\$ 2,684,216.50	\$ 2,688,272.87	\$ 2,585,516.61	\$ 691.18	AAA
459058GQ0	Intl. Bank Recon & Development	Supranational	\$ 3,500,000.00	2.5	0.263	01/26/2021	3/19/2024	\$ 3,744,790.00	\$ 3,594,626.50	\$ 3,403,324.86	\$ 24,791.67	AAA
4581X0DZ8	Inter-American Dev Bank	Supranational	\$ 5,870,000.00	0.5	0.525	09/15/2021	9/23/2024	\$ 5,865,656.20	\$ 5,867,499.14	\$ 5,470,876.63	\$ 7,989.72	AAA
<b>Supranational Total</b>			<b>\$ 12,060,000.00</b>					<b>\$ 12,294,662.70</b>	<b>\$ 12,150,398.51</b>	<b>\$ 11,459,718.10</b>	<b>\$ 33,472.57</b>	



Cusip	Issuer	Security Type	Amount	Coupon	Purchase Yield	Purchase Date	Maturity Date	Cost	Book Value	Mkt Value	Accrued	S&P Rating
57629WCU2	Mass Mutual Global funding	Corporate	\$ 4,500,000.00	0.85	0.731	12/22/2021	6/9/2023	\$ 4,507,695.00	\$ 4,502,312.86	\$ 4,416,933.33	\$ 2,337.50	AA+
06406FAD5	Bank of NY Mellon Corp	Corporate	\$ 4,000,000.00	2.2	2.123	10/25/2019	8/16/2023	\$ 4,011,140.00	\$ 4,001,823.20	\$ 3,938,012.68	\$ 33,000.00	A
24422EVN6	John Deere Capital Corp	Corporate	\$ 3,195,000.00	0.45	0.475	03/01/2021	1/17/2024	\$ 3,192,731.55	\$ 3,194,176.09	\$ 3,055,690.72	\$ 6,549.75	A
69371RR24	Paccar Financial Corp	Corporate	\$ 1,475,000.00	0.35	0.389	01/28/2021	2/2/2024	\$ 1,473,289.00	\$ 1,474,379.66	\$ 1,403,512.56	\$ 2,136.70	A+
91159HHV5	US Bancorp	Corporate	\$ 2,000,000.00	3.375	2.116	12/11/2019	2/5/2024	\$ 2,099,400.00	\$ 2,026,244.22	\$ 1,964,849.12	\$ 27,375.00	A+
808513BN4	Charles Schwab Corp	Corporate	\$ 4,120,000.00	0.75	0.703	Various	3/18/2024	\$ 4,125,660.00	\$ 4,122,295.01	\$ 3,916,801.64	\$ 8,840.84	A
023135BW5	Amazon.com Inc	Corporate	\$ 2,970,000.00	0.45	0.499	05/10/2021	5/12/2024	\$ 2,965,663.80	\$ 2,968,033.68	\$ 2,798,476.41	\$ 1,819.13	AA
91324PEB4	United Health Group Inc	Corporate	\$ 1,600,000.00	0.55	0.781	11/08/2021	5/15/2024	\$ 1,590,816.00	\$ 1,594,992.37	\$ 1,510,162.18	\$ 1,124.44	A+
14913R2L0	Caterpillar Financial Service	Corporate	\$ 4,720,000.00	0.45	0.495	05/10/2021	5/17/2024	\$ 4,713,675.20	\$ 4,717,103.06	\$ 4,443,057.78	\$ 2,596.00	A
89114QCA4	Toronto Dominion Bank	Corporate	\$ 2,000,000.00	2.65	0.619	09/22/2021	6/12/2024	\$ 2,109,260.00	\$ 2,058,154.52	\$ 1,935,474.48	\$ 2,797.22	A
06051GJY6	Bank of America Corp	Corporate	\$ 3,575,000.00	0.523	1.919	06/07/2021	6/14/2024	\$ 3,575,237.60	\$ 3,575,114.90	\$ 3,490,382.43	\$ 882.92	A-
79466LAG9	Salesforce.com Inc	Corporate	\$ 745,000.00	0.625	0.642	06/29/2021	7/15/2024	\$ 744,620.05	\$ 744,806.05	\$ 699,114.68	\$ 2,147.05	A+
91159HHX1	US Bancorp	Corporate	\$ 1,000,000.00	2.4	0.515	02/05/2021	7/30/2024	\$ 1,064,830.00	\$ 1,029,472.83	\$ 961,749.28	\$ 10,066.67	A+
59217GEP0	Metlife	Corporate	\$ 3,415,000.00	0.7	0.928	Various	9/27/2024	\$ 3,393,130.20	\$ 3,401,652.01	\$ 3,157,758.33	\$ 6,241.87	AA-
78015K7C2	Royal Bank of Canada	Corporate	\$ 4,000,000.00	2.25	0.759	08/18/2021	11/1/2024	\$ 4,188,000.00	\$ 4,107,750.21	\$ 3,814,844.20	\$ 15,000.00	A
74153WCQ0	Pricoa Global Funding	Corporate	\$ 2,360,000.00	1.15	1.185	12/01/2021	12/6/2024	\$ 2,357,569.20	\$ 2,358,433.53	\$ 2,184,336.66	\$ 1,884.72	AA-
24422EVY2	John Deere Capital Corp	Corporate	\$ 820,000.00	1.25	1.266	01/04/2022	1/10/2025	\$ 819,614.60	\$ 819,739.78	\$ 767,650.29	\$ 4,868.75	A
89236TJT3	Toyota Motor Credit Corp	Corporate	\$ 3,250,000.00	1.45	1.496	01/10/2022	1/13/2025	\$ 3,245,645.00	\$ 3,247,047.66	\$ 3,045,015.09	\$ 21,991.67	A+
64952WEK5	New York Life Global	Corporate	\$ 4,485,000.00	1.45	1.487	01/11/2022	1/14/2025	\$ 4,480,156.20	\$ 4,481,711.87	\$ 4,180,910.27	\$ 30,167.85	AA+
637432ND3	National Rural Utilities	Corporate	\$ 3,000,000.00	2.85	2.982	03/31/2022	1/27/2025	\$ 2,989,320.00	\$ 2,992,143.09	\$ 2,881,336.74	\$ 36,575.00	A-
24422EWB1	John Deere Capital Corp	Corporate	\$ 955,000.00	2.125	2.140	03/02/2022	3/7/2025	\$ 954,589.35	\$ 954,701.75	\$ 904,277.66	\$ 6,426.35	A
59217GEW5	Metlife	Corporate	\$ 645,000.00	2.8	2.831	03/14/2022	3/21/2025	\$ 644,425.95	\$ 644,575.75	\$ 618,823.67	\$ 5,016.67	AA-
69371RR73	Paccar Financial Corp	Corporate	\$ 2,985,000.00	2.85	2.859	03/31/2022	4/7/2025	\$ 2,984,223.90	\$ 2,984,414.38	\$ 2,864,354.90	\$ 19,850.25	A+
46647PDE3	JP Morgan Chase & Co	Corporate	\$ 1,000,000.00	3.845	4.300	06/08/2022	6/14/2025	\$ 1,000,320.00	\$ 1,000,261.31	\$ 978,100.26	\$ 1,922.50	A-
66815L2J7	Northwestern Mutual Gbl	Corporate	\$ 4,000,000.00	4	3.822	07/07/2022	7/1/2025	\$ 4,019,800.00	\$ 4,016,627.62	\$ 3,924,430.76	\$ 80,000.00	AA+
26442UAA2	Duke Energy Progress LLC	Corporate	\$ 3,000,000.00	3.25	3.312	04/28/2022	8/15/2025	\$ 2,994,150.00	\$ 2,995,350.12	\$ 2,893,007.13	\$ 36,833.33	A
931142EW9	Wal-Mart Stores	Corporate	\$ 4,140,000.00	3.9	4.026	Various	9/9/2025	\$ 4,125,402.00	\$ 4,126,852.34	\$ 4,077,143.99	\$ 50,232.00	AA
91324PEN8	United Health Group Inc	Corporate	\$ 565,000.00	5.15	5.154	10/25/2022	10/15/2025	\$ 564,949.15	\$ 564,952.20	\$ 571,936.58	\$ 5,092.06	A+
023135CN4	Amazon.com Inc	Corporate	\$ 2,855,000.00	4.6	4.602	11/29/2022	12/1/2025	\$ 2,854,828.70	\$ 2,854,833.55	\$ 2,853,131.69	\$ 10,944.17	AA
857477BR3	State Street Bank	Corporate	\$ 1,240,000.00	1.746	2.802	02/02/2022	2/6/2026	\$ 1,240,000.00	\$ 1,240,000.00	\$ 1,154,766.01	\$ 8,720.30	A
46647PCZ7	JP Morgan Chase & Co	Corporate	\$ 3,000,000.00	4.08	4.466	04/19/2022	4/26/2026	\$ 3,000,000.00	\$ 3,000,000.00	\$ 2,918,271.09	\$ 22,100.00	A-
61747YE78	Morgan Stanley	Corporate	\$ 1,355,000.00	4.679	5.007	07/18/2022	7/17/2026	\$ 1,355,000.00	\$ 1,355,000.00	\$ 1,332,846.20	\$ 28,354.09	A-
40139LBF9	Guardian Life Glob Fun	Corporate	\$ 2,775,000.00	3.246	4.608	12/08/2022	3/29/2027	\$ 2,629,035.00	\$ 2,630,896.80	\$ 2,600,352.41	\$ 23,019.55	AA+
665859AW4	Northern Trust Company	Corporate	\$ 3,000,000.00	4	3.855	07/13/2022	5/10/2027	\$ 3,018,870.00	\$ 3,017,047.33	\$ 2,933,270.79	\$ 17,000.00	A+
<b>Corporate Total</b>			<b>\$ 88,745,000.00</b>					<b>\$ 89,033,047.45</b>	<b>\$ 88,802,899.75</b>	<b>\$ 85,190,782.01</b>	<b>\$ 533,914.35</b>	
<b>Portfolio Total</b>			<b>\$442,796,942.09</b>					<b>\$ 443,349,819.56</b>	<b>\$441,766,203.18</b>	<b>\$423,319,877.66</b>	<b>\$1,375,824.79</b>	
<b>TREASURER POOLED INVESTMENT FUND (TPIF) - Riverside County</b>								<b>\$ 22,745,520.81</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
<b>GRAND TOTAL</b>			<b>\$442,796,942.09</b>					<b>\$ 466,095,340.37</b>	<b>\$441,766,203.18</b>	<b>\$423,319,877.66</b>	<b>\$1,375,824.79</b>	

\* The Total Cost Value of \$466,095,340.37 on this investment report includes a timing difference of invested funds that have not been reflected on the cash balance.

<b>OPEB TRUST</b>		
<b>Market and Cost Value Reconciliation</b>		
<b>As of December 30, 2022</b>		
	<b>Market Value</b>	<b>Cost Value</b>
<b>Beginning Value</b>	<b>\$ 31,579,080</b>	<b>\$ 32,912,230</b>
<b>Receipts:</b>		
Employer Contribution	\$ -	\$ -
Income		
Interest/Dividends	\$ 212,075	\$ 212,075
Net Changes in Accrued Income	4,839	4,839
<b>Total Income</b>	<b>\$ 216,913</b>	<b>\$ 216,913</b>
Realized Gain/Loss	\$ 37,812	\$ 37,812
Unrealized Gain/Loss	(1,105,184)	-
<b>Total Receipts</b>	<b>\$ (850,459)</b>	<b>\$ 254,725</b>
<b>Expenses:</b>		
Investment Management Fees	\$ (7,391)	\$ (7,391)
Administrative Expenses	(667)	(667)
<b>Total Expenses</b>	<b>\$ (8,058)</b>	<b>\$ (8,058)</b>
<b>Ending Value</b>	<b>\$ 30,720,563</b>	<b>\$ 33,158,897</b>

## **PROCUREMENT**

Nothing to report for the month of December.

## HUMAN RESOURCES

The Human Resources Department 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.

There were 538.5 employees at the end of December, with 3 new hire(s), 1 resignation(s), 1 termination(s) and 2 retirement(s). There are 569-budgeted positions.

### Sick Hours

For the month of December:

Hours of sick leave: \* 3,029.5

Hours of overtime: \*\* 2,779.00

\*Sick leave includes regular sick, FMLA sick, OJI sick and COVID-19 Supplemental sick leave.

\*\*Overtime includes regular and double time, Call out pay and Holiday worked.

### Sick Leave Report through December 2022

<u>2019-2020 TYD</u>	<u>2020-2021 YTD</u>	<u>2021-2022 YTD</u>	<u>2022-2023 YTD</u>
13,311.0 Hrs.	15,612.5 Hrs.	14,955.5 Hrs.	20,499.5 Hrs.

### Overtime Report through December 2022

<u>2019-2020 TYD</u>	<u>2020-2021 YTD</u>	<u>2021-2022 YTD</u>	<u>2022-2023 YTD</u>
\$942,209	\$802,053	\$779,143	\$1,114,646

### Years of Service

Christina Merrill – 25 Years  
 Rigoberto Infante – 15 Years  
 Rogelio Salcedo – 15 Years



## Incident Reports

### **Tampering with Water Supply:**

(Appropriate fines applied)

0 Incident

### **Stolen Facilities/Metal Reports:**

2 Incidents – Mecca  
Sky Valley

**December 2, 2022 – La Quinta** – Baffle overflowed and flooded entrance of third party construction site.

**December 16, 2022 – Cathedral City** – Customer alleges property damage due to coupling installed improperly during meter replacement.

**December 16, 2022 – Rancho Mirage** – Customer alleges property damage due to leak from CVWD lateral.

**December 21, 2022 – Mecca** – CVWD repair crew struck and damaged an unmarked private sewer line while excavating for irrigation leak repair.

# Litigation

Conference with legal counsel – existing litigations  
Pursuant to Government Code subdivision (a) of Section 54956.9

## **I. Attorneys – Best, Best, & Krieger**

1. Coachella Valley Water District v. Aqua Farming Tech, Inc., Riverside County Superior Court Case No. PSC1901972
2. Anthony Vineyards v. Mamco, Inc. and Coachella Valley Water District, Riverside County Superior Court Case No. PSC2000906
3. Jessica McAleer, a minor, by and through her Guardian Ad Litem, Brent McAleer v. County of Riverside, Coachella Valley Water District, Hunter McDaniel, a minor; Herman Rexford McDaniel, Riverside County Superior Court Case No. CVPS2105727
4. GCUBE Insurance Services, Inc., and GCUBE Underwriting Limited, on behalf of Certain Underwriters subscribing to policy SO174591001 vs. Mamco Inc., . . . Coachella Valley Water District, Riverside County Superior Court Case No. CVPS2105173
5. Rancho Mirage Mobilehome Community, LP v. Coachella Valley Water District, Ninth Circuit Court of Appeals Case No. 22-55212
6. Coachella Valley Water District v. Demesio C. Carranza, et al., Riverside County Superior Court Case No. CVPS2102383
7. Coachella Valley Water District v. Lee & Ro, Inc., Riverside County Superior Court Case No. CVPS2201753
8. Michael Brandt v. City of Rancho Mirage, et al., Riverside County Superior Court Case No. CVPS2105946

## **II. Attorneys – Colantuono, Highsmith & Whatley, PC**

1. Randall C. Roberts, individually and as Trustee of the Roberts Family Trust Dated November 17, 2010, on Behalf of Himself and All Others Similarly Situated v. Coachella Valley Water District; County of Riverside; and DOES 1-25, inclusive, Riverside County Superior Court, Case No. RIC1825310
2. Randall C. Roberts, individually and as Trustee of the Roberts Family Trust Dated November 17, 2010 v. Coachella Valley Water District, et al. Riverside County Superior Court, Case No. PSC1904774 (Interfund Loan Validation Action)
3. Randall C Roberts, individually and as Trustee of the Roberts Family Trust dated November 17, 2010 v. Coachella Valley Water District, et al. Riverside County Superior Court Case No. PSC1905977 (06-25-2019 SWP Tax Validation Action)
4. Randall C Roberts, individually and as Trustee of the Roberts Family Trust dated November 17, 2010 v. Coachella Valley Water District, et al. Riverside County Superior Court Case No. RIC1904943 (Canal Rate Challenge)

5. Randall C Roberts, individually and as Trustee of the Roberts Family Trust dated November 17, 2010 v. Coachella Valley Water District, et al. Riverside County Superior Court Case No. RIC1905897 (RAC Challenge)
6. Randall C Roberts, individually and as Trustee of the Roberts Family Trust dated November 17, 2010 v. Coachella Valley Water District, et al. Riverside County Superior Court Case No. PSC2003606 (RAC Rate Validation)
7. Randall C Roberts, individually and as Trustee of the Roberts Family Trust dated November 17, 2010 v. Coachella Valley Water District, et al. Riverside County Superior Court Case No. PSC2003702 (SWP FY21 Validation)
8. Howard Jarvis Taxpayers Association v. Coachella Valley Water District, et al. Riverside County Superior Court Case No. CVPS2102910 (SWP FY22 Validation)
9. Howard Jarvis Taxpayers Association v. Coachella Valley Water District, et al. Riverside County Superior Court Case No. CVRI2103373 (RAC Rates FY22)
10. Howard Jarvis Taxpayers Association v. Coachella Valley Water District, et al. Riverside County Superior Court Case No. CVRI2203364 (SWP FY23 Validation)
11. Howard Jarvis Taxpayers Association v. Coachella Valley Water District, et al. Riverside County Superior Court Case No. CVRI2203038 (RAC Rates FY23)

### III. **Attorneys – Freeman Mathis & Gary, LLP**

1. Dos Santos De Sa & Cheng v. CVWD (Imperial County Superior Court Case No. ECU001562)
2. Araujo, Dos Santos, Carvalho v. CVWD (US District Court, Southern District Case No. 20 CV-1800-AJB LL)

### IV. **Attorneys – Michael Sullivan & Associates, LLP**

1. CVWD v. CV Pipeline (Subrogation) Riverside County Superior Court Case No. PSC2003711

### V. **Attorneys – Redwine & Sherrill**

1. Navajo Nation v. Secretary of the Interior, Federal District Court, Arizona (CV03507PCT-PGR)
2. Central Delta Water Agency, et al. v. Department of Water Resources, et al., Case No. 342010-80000561
3. Agua Caliente Band of Cahuilla Indians v. CVWD, et al., Case No. ED CV 13-00883 JGBSPX (**Co-counsel O'Melveny & Myers**)
4. Agua Caliente Band of Cahuilla Indians v. CVWD, et al., (R.A.C. Matter) Case No. 5:20-cv-00174 RGK (US District Court – Central District) (**Co-counsel O'Melveny & Myers**)
5. California DWR v. All Persons Interested (CA Water Fix Validation), Sacramento Superior Court, Case No. 34-2017-00215965-CL/MC-GDS
6. IID v. Metropolitan Water District (CEQA Dispute), Los Angeles Court Case No.: 19STCP01376

## Safety

### Workers’ Compensation:

12/08/22 An employee sustained a right shoulder joint sprain as he was coming down a ladder and his foot slipped causing him to hang by his right arm.

12/14/22 An employee sustained a sprain to his right calf as he jumped after a loud noise at a well site startled him.

### Industrial Accident Leave Time:

	<u>Hours Used</u>	<u>Number of Employees</u>	<u>Hours per Employee</u>
Lost time hours incurred for all injuries, December 2022	0.0	538.5	0.0
Lost time hours incurred for all injuries, December 2021	21.0	530.5	0.4
Year-to-date total for December 2022	184.5	538.5	0.3
Year-to-date total for December 2021	152.5	530.5	0.3

## INFORMATION SERVICES

Technology is an integral part of CVWD's operations; therefore, it is paramount to focus on integrating and developing people, processes, and technology while improving efficiency and productivity. To accomplish these objectives and ensure the delivery of high-quality service, Information Systems is organized into three divisions, Business Applications (including Software Development and GIS), Desktop Support, and Network and Systems (including SCADA and Cybersecurity).

Below you will find a progress report on noteworthy activities, projects, and metrics:

### Highlights:

1. Staff focused on patching critical enterprise applications. Operating System patches are frequently patched; however, application patches are released seldomly but are more complex to apply.
2. FileNet's database was migrated to the new Storage Area Network (SAN). The migration was successful. The new system provides faster search capabilities and indexing.
3. Liaisons from different departments participated in a Business Continuity Plan Workshop. The workshop's objective is to ensure CVWD can continue providing services during a potential disaster (e.g., ransomware, natural disaster, fire, etc.).
4. WRP7 SCADA migration continues to move forward. A large portion of the telemetry (IO) is now in the new SCADA system. Both the legacy and the new systems are running in parallel to ensure there are no issues with the new system.
5. The development team completed the Nexgen/Executime Integration. This integration is required to facilitate "work order entry" between the two systems.
6. Naviline's "end-of-year" update was tested and applied without issues. Staff worked with Finance and Billing to ensure there were no compatibility issues.
7. Implemented a new remote desktop client based on the Citrix platform connectivity experience for remote users. The new client replaces the windows native remote desktop client.
8. The employees' bargaining groups accepted the new IT-related policies. Information Systems is working with HR to obtain GM authorization for final adoption.

### Ongoing Initiatives/Activities:

1. The current Service Desk portal has been in place for almost two years. We have identified additional services and processes that will require front-end changes. The new enhancements will be implemented over the next few months.
2. A review of the draft IT Roadmap will be completed in January. The roadmap includes upcoming initiatives such as the new ERP and the migration of Exchange servers to the cloud.
3. Continued work on SCADA screens for WRP10. The new screens are outside of the original scope of the SCADA Master Plan, but they are necessary enhancements for the WRP Operators and Control.
4. Working with HR and the bargaining units to complete acceptance of the equipment responsibility form.
5. The SCADA Master Plan is now working on the WRP10 SCADA migration. The goal is to complete the migration by the end of March.
6. Unfortunately, some of the Crestron equipment (Audio/Visual system) required for the SRAB Board room upgrade is severely delayed due to supply chain issues. The equipment is expected to arrive in the summer of 2023.
7. Planning replacement of several end-of-life Avaya network switches. There is just a handful left, and they are still somewhat functional; however, the vendor is no longer supporting the equipment.
8. Working with Facilities to schedule the Rummonds upgrade. All the necessary Audio/Video equipment is onsite and ready for installation.

### Cybersecurity

#### *Internal Incidents:*

- An employee reported that they clicked a link in an email and, when prompted, entered their CVWD network credentials and their personal account credentials before they realized that it was a phishing email. We changed the employee's CVWD account password. We confirmed that this was a phishing email, and that the employee was the only one who received this email. Refresher phishing-email training was assigned to the employee.
- An exploit was reported in a software that CVWD uses and is accessible from the Internet. The exploit used vulnerabilities that the vendor recently provided a patch for, but CVWD had not yet installed. It was determined that this required priority mitigation and we patched the system within a day.
- During threat-hunting our managed security service providers (MSSPs) discovered that our system had been exploited by threat actors before we patched. With the assistance of our MSSPs, we investigated and determined that the threat actors were unsuccessful in affecting the confidentiality, integrity, or availability of CVWD systems and data. The threat actor did use a CVWD network account to gain initial access so we changed the password to that account.

*Cybersecurity News:*

- [Rackspace Acknowledges Outage Was Caused by Ransomware](#)
- Cloud services provider Rackspace has acknowledged an outage that disrupted availability of its Hosted Exchange environments was due to a ransomware infection.
- Rackspace is making sure that all affected customers have access to Microsoft 365 and is providing guidance to help them migrate.
- [Microsoft-Signed Windows Drivers Used Maliciously](#)
- In October, researchers from SentinelOne, Mandiant, and Sophos notified Microsoft “that drivers certified by Microsoft’s Windows Hardware Developer Program were being used maliciously in post-exploitation activity.”
- Microsoft has revoked several developer certificates and suspended associated developer accounts.
- SentinelOne observed prominent threat actors abusing legitimately signed Microsoft drivers in active intrusions into telecommunication, BPO, MSSP, and financial services businesses.
- [Ransomware Attack on Colombian Energy Provider](#)
- The network of Empresas Públicas de Medellín (EPM), a Colombian energy provider, was hit with a ransomware attack.
- EPM is one of Colombia’s largest public energy, water, and gas providers, providing services to 123 municipalities.
- The company told approximately 4,000 employees to work from home, with IT infrastructure down and the company's websites no longer available.
- A report submitted to Medellín's General Directorate of Public Companies said the attack caused a loss of control of the platform, encrypted private information, lost backups and infected 25 percent of the infrastructure: servers and workstations.

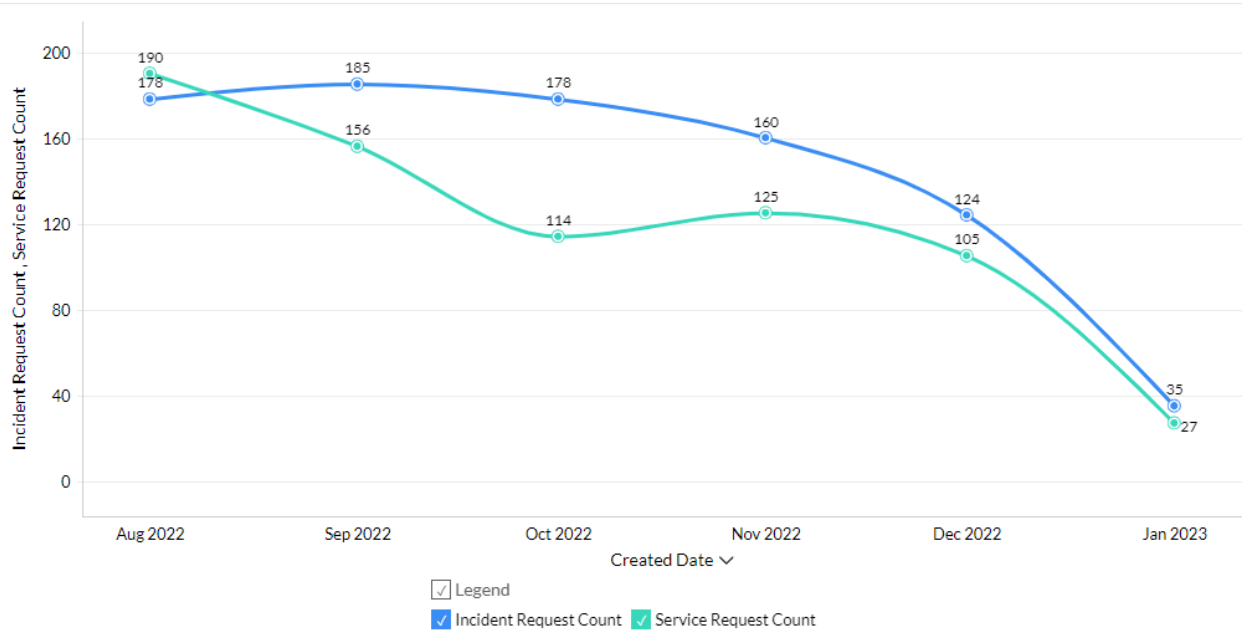
Metrics: Please note, the issues listed below were resolved/investigated successfully.

- Malware tickets
  - 22 false positives
  - 18 suspicious
  - True positive
- Phishing email tickets
  - 3 true positives
  - 7 undetermined
  - 2 false positives
- Unusual Activity Investigations
  - 1 exploited detected but was handled without issues.
- KnowBe4 Email Exposure Check
  - No issues

**Desktop Support Metrics:**

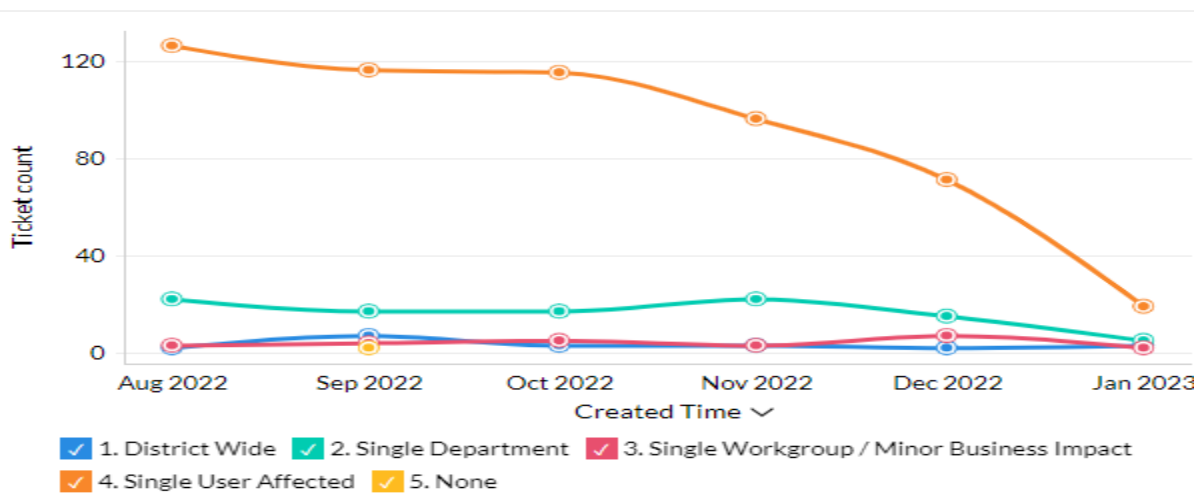
The graph below shows the total number of tickets (both incidents and regular service requests). December numbers are usually lower due to the holiday season. During this time, we focus on patching and upgrading critical systems.

Total Service and Incident Request Trend - Last 6 Months



The graph below shows the incoming number of tickets by Business impact. Fortunately, we haven’t experienced significant downtime trough out the year.

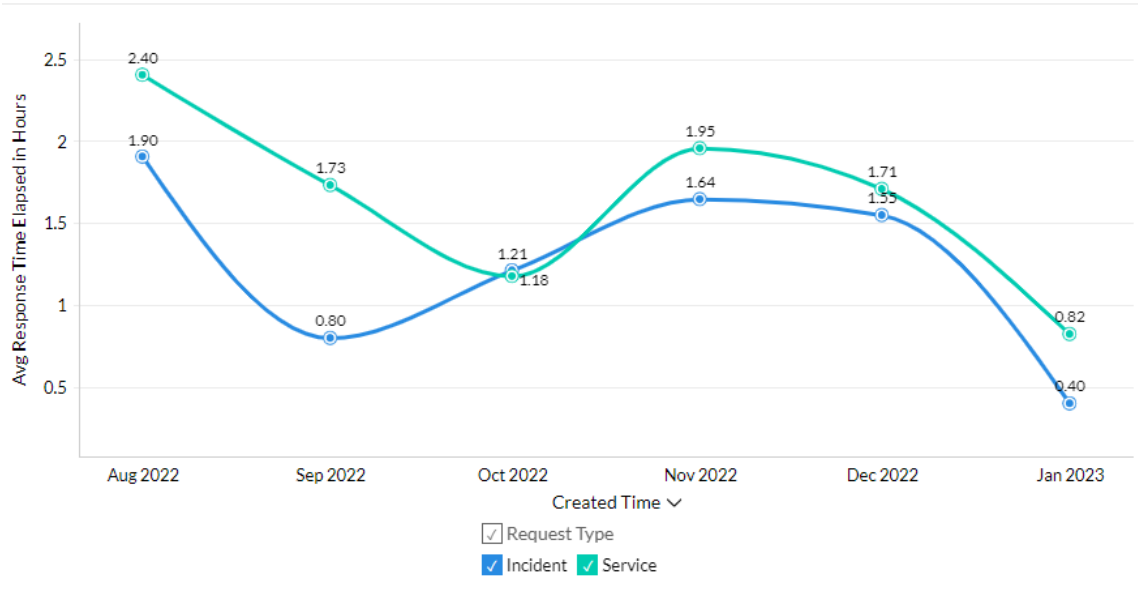
Incoming Ticket Trends by Business Impact - Last 6 Months





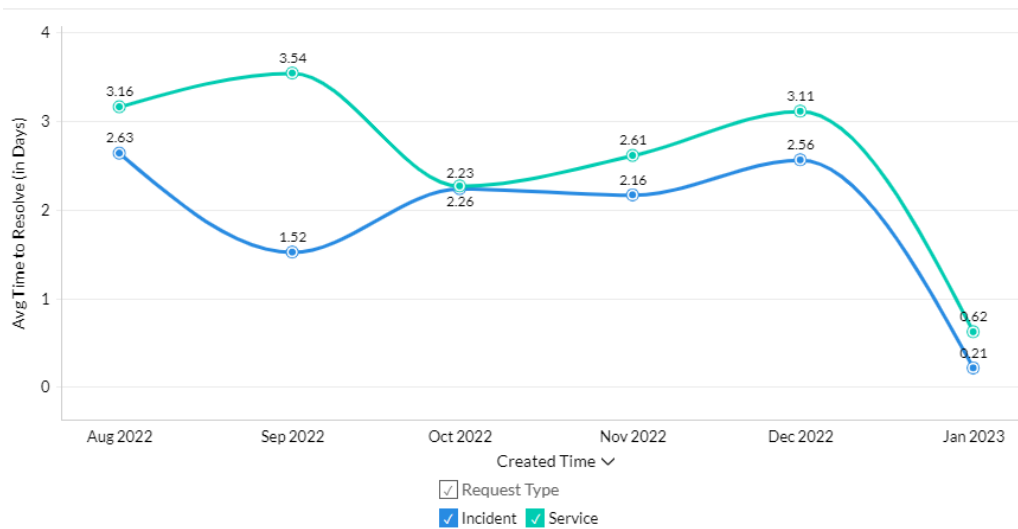
The graph below shows the average response time to both incident and service desk requests. The goal is to respond to non-urgent service desk requests within 24 hours. For urgent requests, the goal is to respond within 4 hours; however, critical global incidents are handled much faster (the graph is just an average). Response times got better in December because the ticket counter was less despite the fact that there was a big focus on migrating iPhones and iPads to the new Citrix Cloud.

Average Response Time Elapsed Trend - Last 6 Months



The graph below shows the average resolution time for incident and service desk requests. The goal is to resolve non-urgent service desk requests within 40 business hours. For urgent requests, the goal is to respond within 16 business hours; however, critical global incidents are handled much faster (the graph is just an average). Same as above, not a lot of issues with updates; thus, the response was very efficient.

Average Resolution Time Trend - Last 6 Months



## OPERATIONS

The Operations Department is responsible for efficiently operating and maintaining CVWD’s Domestic Water, Wastewater, and Nonpotable facilities. The Operations Department provides the following services: domestic (potable) and nonpotable water systems operations, construction and maintenance, sewer and collection and treatment operations, and supervisory control operations.

### Domestic Water

**Customer Service Responses:**

	12 Month <u>Total</u>	12 Month <u>Average</u>	This <u>Month</u>
Air in the lines	37	3	2
Bad taste	38	3	2
Leaks	1,102	92	81
Meter Box Repairs	191	16	16
General Assistance	2,879	240	241
Pressure Problem	191	16	14
No Water	99	8	7
Sand in Water	23	2	3
Service Line Problems	124	1	12

**Domestic Service Turnoffs:**

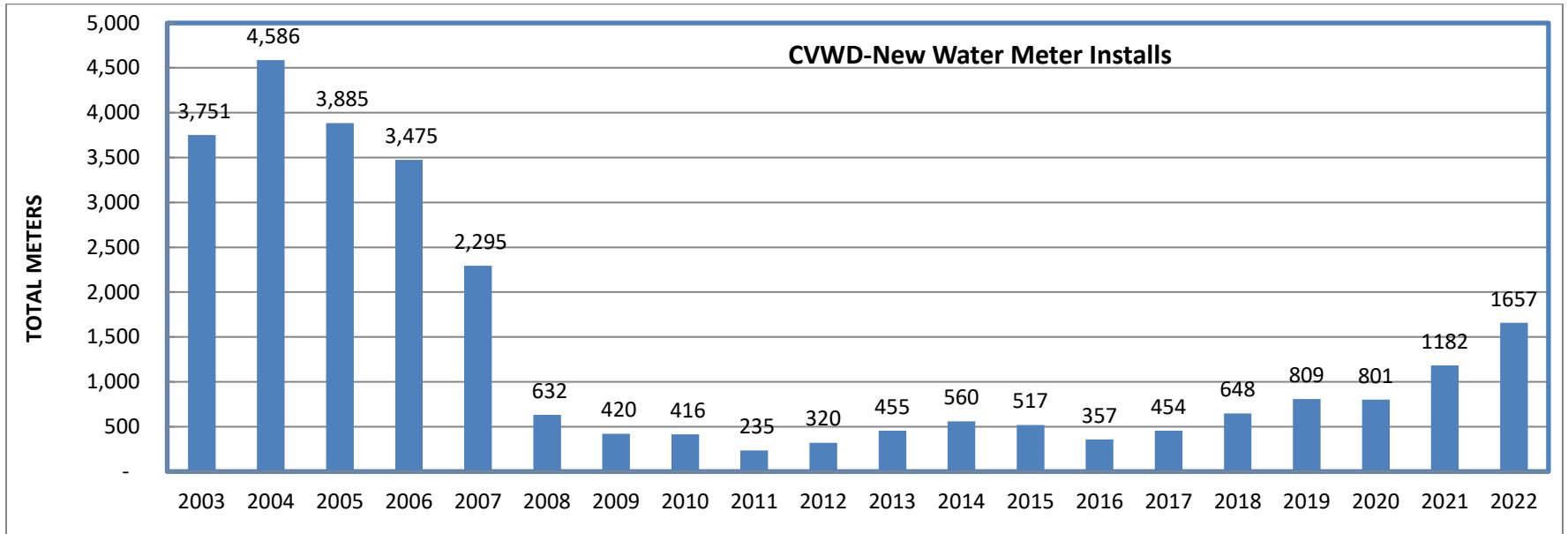
	<u>2018-2019</u>	<u>2019-2020</u>	<u>2020-2021</u>	<u>2021-2022</u>	<u>2022-2023</u>
Turnoff Notices	59,257	61,217	65,348	73,887	26,654
Actual Turnoffs	3,012	2,192	1,128	10	64

<u>Turnoffs</u>	<u>1<sup>st</sup> Quarter</u>	<u>2<sup>nd</sup> Quarter</u>	<u>3<sup>rd</sup> Quarter</u>	<u>4<sup>th</sup> Quarter</u>	<u>Total</u>
2018-2019	710	638	982	682	3,012
2019-2020	472	289	741	690	2,192
2020-2021	487	448	193	0*	1,128
2021-2022	0*	0*	0	10	10
2022-2023	26	38			64

*\*No Turnoffs due to Governor's Executive Order as a result of the COVID 19 pandemic*

**Meter Activity:**

	<u>12 Month Total</u>	<u>12 Month Average</u>	<u>This Month</u>
Meters Replaced	537	45	39
Proactive Meters Replaced	9,656	805	701
Meter Box Repairs	3,647	304	151
Upgrade Meters	80	7	2
Inactive Meters Pulled	6	1	1
Registers Replaced	398	33	55
Meter Testing	685	57	0



**Domestic Water Meter Installations**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
January	18	35	54	76	18	24	40	75	54	97	83
February	22	41	29	31	44	33	24	41	88	94	64
March	31	59	54	24	36	32	30	70	50	80	122
April	6	60	51	30	24	22	75	44	18	60	210
May	7	87	72	33	41	36	71	83	53	143	151
June	28	6	69	40	32	45	80	67	68	119	199
July	15	12	23	102	46	38	66	64	54	109	113
August	20	23	45	20	31	71	73	145	91	81	85
September	22	19	27	37	15	37	68	66	69	135	202
October	76	25	49	49	27	47	53	61	84	88	158
November	37	50	52	25	21	13	43	66	32	81	227
December	38	38	35	50	22	56	25	27	140	95	43
<b>Yearly Total</b>	<b>320</b>	<b>455</b>	<b>560</b>	<b>517</b>	<b>357</b>	<b>454</b>	<b>648</b>	<b>809</b>	<b>801</b>	<b>1182</b>	<b>1657</b>
<b>Monthly Average</b>	27	38	47	43	30	38	54	67	67	98	138

**Domestic Maintenance:**

	12 Month <u>Total</u>	12 Month <u>Average</u>	This <u>Month</u>
Backflow Testing	11,264	939	766
Backflows Stolen	2	0	0
Backflow Maintenance	2,279	190	232
Construction Meters	663	55	49
Fire Hydrants Inspected	17,208	1,434	1,358
Fire Hydrant Repairs	578	48	72
Valves Exercised	31,941	2,662	1,669
Flush Blow-off	1,272	106	94
Raise Facility to Grade	41	3	3
Replace Collar	246	21	15
Install Reflector/Valve Lids/Markers	702	59	42
Pressure Control / Air Vac Maintenance	3,997	333	244
Service Line Repairs	358	30	30
Pro-Active Services	173	14	13
Mainline/Valve	695	58	49
After Hour Call-Outs	718	60	38
Site Operation & Maintenance	24,802	2,67	2,098
Site Repairs	413	34	56

**Response to Well Alarms:**

	12 Month <u>Total</u>	Monthly <u>Average</u>	This <u>Month</u>
Alarm Response	202	17	8

**Leak Detection:**

	12 Month <u>Total</u>	Monthly <u>Average</u>	This <u>Month</u>
Leaks Detected	362	30	11
Survey Fire Hydrant	8,361	697	414
Survey Water Main (MI)	733	61	29
Survey Water Service	60,280	5,023	2,984
Field Investigation	787	66	31

**USA Tickets:**

	12 Month <u>Total</u>	Monthly <u>Average</u>	This <u>Month</u>
Domestic	7,633	636	391
Storm Water Markings	0	0	0
Canal Markings	90	8	0
Nonpotable	39	3	0
Sanitation	3,219	268	141

## Non-Potable Water

**Non-potable Water Use Summary:**

<u>Parameter</u>	<u>This Month This Year</u>		<u>This Month Last Year</u>	
	<u>No. 7</u>	<u>No. 10</u>	<u>No. 7</u>	<u>No. 10</u>
Recycled Water to Offsite (AF)	136.0	446.8	117.3	479.3
Recycled Water to WRP (AF)	34.9	51.1	32.9	49.3
Total Recycled Water (AF)	170.90	497.90	150.20	528.60
Total Canal Water of Offsite/Plant (AF)	5.8	785.8	5.3	288.8
Total Recycle Water Percentage of WRP Effluent	57.4%	61.1%	50.9%	62.0%

**WRP Water Used Offsite (Blended):**

	<u>Recycled %</u>	<u>Canal %</u>
WRP7:	96%	4%
WRP10:	77%	23%

**Operation and Maintenance:**

	<u>12 Month Total</u>	<u>12 Month Average</u>	<u>This Month</u>
Operation	1,583	132	136
Maintenance	429	36	20



## Sanitation

**Customer Service Responses:**

	12 Month <u>Total</u>	Monthly <u>Average</u>	This <u>Month</u>
Sewer Backup	32	3	1
Blockage	3	0	0
Noisy Manhole	12	1	0
Odor Complaint	56	5	6
General Assistance	24	2	0
Manhole Overflowing	5	0	0
Rodent Problem	14	1	0
Roach Problem	11	1	0

**Sanitation Maintenance:**

	12 Month <u>Total</u>	12 Month <u>Average</u>	This <u>Month</u>
Vactor / Jetting (Lft)	867,011	72,251	45,289
Video Assessment (Lft)	304,513	25,376	32,366
Lift Station	1,535	128	125
Manholes	1,866	156	119
Air Vacs	553	46	124

**Mechanical:**

	12 Month <u>Total</u>	12 Month <u>Average</u>	This <u>Month</u>
Maintenance	6,089	507	421
Install	287	24	49
Repair/Replace	876	73	23

Wastewater Reclamation Plant  
Flow and Efficiency Report  
for December, 2022

	Flow				Efficiency			
		This Month	Last Month	This Month Last Year		Influent	Effluent	% Removal
<b>WRP 1</b>	Total (MG)	0.443	0.409	0.801				
	Daily (MGD)	0.014	0.014	0.026				
<b>WRP 2</b>	Total (MG)	0.392	0.418	0.458				
	Daily (MGD)	0.013	0.014	0.015				
<b>WRP 4 Biolac</b>	Total (MG)	80.479	78.675	80.660	TSS	227.60	1.84	99.2%
	Daily (MGD)	2.596	2.623	2.602	BOD	207.00	1.03	99.5%
<b>WRP 4 Lagoons Eff.</b>	Total (MG)	86.371	86.815	95.720	TSS	227.60	38.30	83.2%
	Daily (MGD)	2.786	2.894	3.088	BOD	207.00	10.46	94.9%
<b>WRP 7</b>	Total (MG)	96.999	96.04	96.21	TSS	218.50	5.23	97.6%
	Daily (MGD)	3.129	3.20	3.10	BOD	240.00	0.73	99.7%
<b>WRP 10</b>	Total (MG)	265.63	266.18	277.64	TSS	262.00	3.83	98.5%
	Daily (MGD)	8.57	8.87	8.96	BOD	197.50	2.27	98.9%

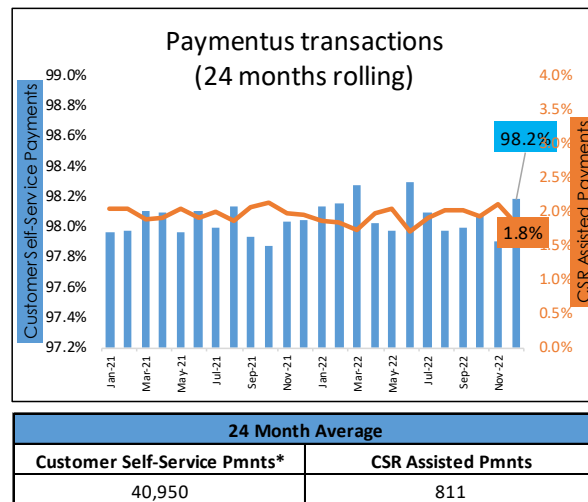
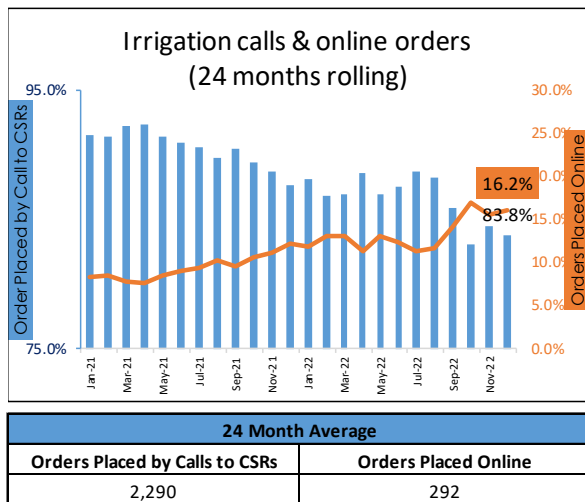
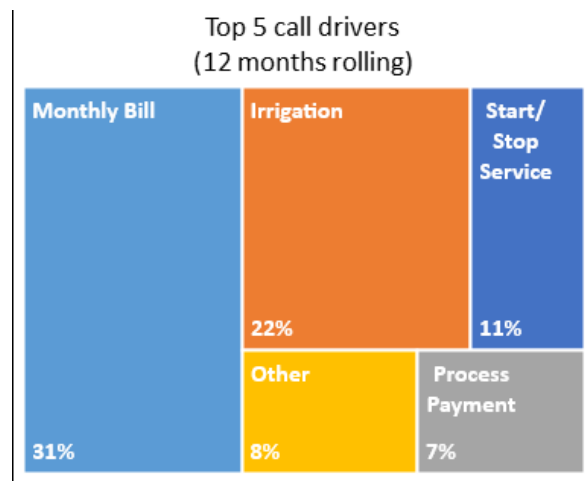
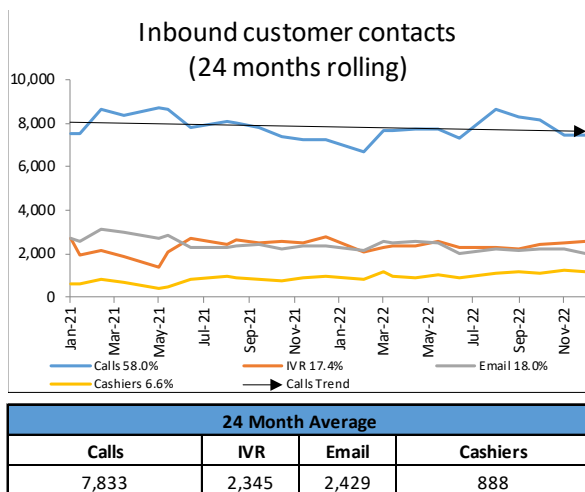
1. Total (MG) is the total monthly influent flow for the plant expressed in million gallons.
2. Daily (MGD) is the average daily flow for the plant expressed in million gallons per day.
3. TSS is the Total Suspended Solids, expressed in milligrams per liter.
4. BOD is the Carbonaceous Biological Oxygen Demand, expressed in milligrams per liter.
5. Efficiency values are based upon the monthly average.
6. Efficiency reporting is not available for WRPs 1 & 2. These plants do not discharge and therefore do not have effluent values for efficiency calculation.

# SERVICE

The Services Department has a variety of roles focusing on customer interaction on the phones, in the field, over the count and through written correspondence. The Service Department is organized into four divisions that provide customer –related services to the District’s entire customer base. The department provides administrative services, customer billing, customer service and meter reading.

## Customer Service

Customer Service is the primary contact center for District customers where we answer inbound telephone calls, respond to emails, and assist customers at the counters in Coachella and Palm Desert. Customer Service supports self-service tools through the CVWD website, Interactive Voice Response (IVR) system and the Paymentus online payment portal.



\* Auto pay, website, IVR and pay by text

## Customer Billing

Customer Billing is responsible for billing all water-related services, including domestic water, sewer, well replenishment, non-potable, canal, and canal water availability. Customer Billing receives and processes all customer payments on a daily basis, administers CVWD’s Help2Others program, performs the annual property tax assessment, and manages delinquent accounts.

### Outstanding Domestic Water Accounts

The Trial Balance Summary compares the amounts outstanding for Domestic receivables for the current and previous fiscal year as of January 3<sup>rd</sup>. Approximately 821 accounts were eligible for turn-off totaling about \$264,207.00.

	Over 30 Days	Over 60 Days	Over 90 Days	Total
2023	\$ 784,323.57	\$ 291,135.17	\$ 331,811.53	\$ 1,407,270.27
2022	\$ 615,635.23	\$ 163,431.31	\$ 324,719.16	\$ 1,103,785.70

### Daily Cash Receipts Processed

Payments below that are processed thru Customer Billing include Domestic Water, Canal, RAC, Sewer and some miscellaneous payments.

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Total
FY 2022-23	\$ 16,125,051.60	\$ 17,856,959.97	\$ 22,869,577.98*	\$ 16,371,922.61	\$ 14,677,346.42	\$ 16,833,586.49							\$ 104,734,445.07
FY 2021-22	\$ 16,431,472.86	\$ 17,983,556.20	\$ 17,206,304.94	\$ 16,211,788.90	\$ 15,090,841.29	\$ 15,948,913.24	\$ 12,313,505.91	\$ 10,226,383.42	\$ 12,943,480.61	\$ 13,834,974.31	\$ 13,765,551.50	\$ 18,265,076.14	\$ 180,221,849.32

\* Rec \$7 Million from State of CA Water Resources Dept

### Tiered Rate Adjustments

Tiered Rate Adjustments are offered to CVWD customers who experience a larger than normal bill due to water leak/unexplained water loss. A one year verifiable adjustment is granted for customers who experience a water leak and has fixed it within a criteria set forth by CVWD. The 5 year unexplained adjustment is granted to customers who have received a high water bill but cannot explain the water loss.

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	YTD Total
<b>FY 2022-23</b>													
1 Year	\$ 48,331.80	\$ 46,669.37	\$ 58,642.80	\$ 81,217.60	\$ 87,954.97	\$ 63,321.87							\$ 386,138.41
5 Year	\$ 3,279.90	\$ 4,712.90	\$ 6,933.69	\$ 20,551.77	\$ 8,349.74	\$ 6,882.47							\$ 50,710.47
<b>Total</b>	\$ 51,611.70	\$ 51,382.27	\$ 65,576.49	\$ 101,769.37	\$ 96,304.71	\$ 70,204.34							\$ 436,848.88
<b>FY 2021-22</b>													
1 Year	\$ 23,717.94	\$ 64,439.79	\$ 64,187.23	\$ 90,068.36	\$ 117,558.60	\$ 73,960.20	\$ 43,308.55	\$ 70,543.36	\$ 32,687.82	\$ 17,051.10	\$ 15,718.95	\$ 24,026.08	\$ 637,267.98
5 Year	\$ 31,682.00	\$ 20,067.05	\$ 17,538.96	\$ 28,812.78	\$ 17,980.16	\$ 14,246.67	\$ 8,972.49	\$ 24,110.41	\$ 5,704.45	\$ 2,041.26	\$ 3,451.29	\$ 4,445.87	\$ 179,053.39
<b>Total</b>	\$ 55,399.94	\$ 84,506.84	\$ 81,726.19	\$ 118,881.14	\$ 135,538.76	\$ 88,206.87	\$ 52,281.04	\$ 94,653.77	\$ 38,392.27	\$ 19,092.36	\$ 19,170.24	\$ 28,471.95	\$ 816,321.37

\* Adjustments do not include drought penalties

**Revenue Billed**

Revenue is recognized when billed. The net revenue listed below includes billed water service, water base, sewer, inspection points and backflow.

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Total
FY 2022-23	\$ 8,825,000.30	\$ 9,636,209.88	\$ 11,166,329.08	\$ 9,133,724.07	\$ 10,211,043.29	\$ 10,302,167.39							\$ 59,274,474.01
FY 2021-22	\$ 9,497,985.19	\$ 9,572,944.70	\$ 9,514,157.23	\$ 8,083,000.63	\$ 8,277,364.37	\$ 9,263,849.53	\$ 6,885,735.75	\$ 6,204,002.40	\$ 6,514,767.19	\$ 6,862,718.80	\$ 7,482,240.97	\$ 8,635,246.10	\$ 96,794,012.86

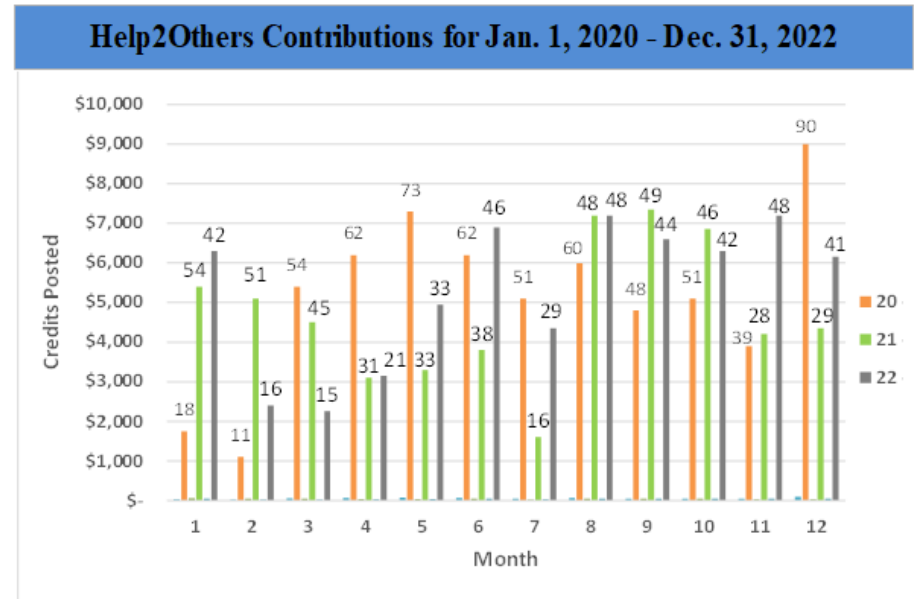
**Trial Balance Summary**

The Trial Balance Summary compares outstanding receivables across all service types over 90 days between FY 21-22 and FY 22-23. For Domestic Water, 3.95% of outstanding receivables are over 90 days delinquent as of January 3<sup>rd</sup>, 2023. The balance reflected below includes Domestic Water, RAC, Sanitation and Canal Water accounts.

<b>Trial Balance Summary</b>			
<small>Excludes Canal Availability</small>			
Month Ending (FY 2021-22)	% of Receivables Outstanding (90 Days)	Month Ending (FY 2022-23)	% of Receivables Outstanding (90 Days)
7/31/2021	2.24%	7/31/2022	1.77%
8/31/2021	3.18%	8/31/2022	2.31%
9/30/2021	3.33%	9/30/2022	2.33%
10/31/2021	5.06%	10/31/2022	4.73%
11/30/2021	5.12%	11/30/2022	5.09%
12/31/2021	6.61%	12/31/2022	6.84%
1/31/2022	9.26%	1/31/2023	
2/28/2022	8.48%	2/28/2023	
3/31/2022	11.35%	3/31/2023	
4/30/2022	10.32%	4/30/2023	
5/31/2022	8.79%	5/31/2023	
6/30/2022	2.12%	6/30/2023	
<b>Average %</b>	<b>6%</b>		<b>4%</b>

**Help2Others**

In order to provide financial assistance to eligible residential customers CVWD has partnered with United Way of the Desert to provide a credit on their water bill once a year funded through non-rate revenue. Effective August 2021, the credit increased from \$100 to \$150.00.



# COMMUNICATION & CONSERVATION

Communications & Conservation Department is responsible for the internal communication, public outreach, education, government affairs and media relations. Water Management is responsible for the District’s conservation programs, along with assisting customers in improving water use efficiency.

## Public Outreach – December 2022

### Advertising

In December, the Your Water is Our Promise campaign continues with Spectrum for TV, streaming and online commercials including the Spectrum One News channel. Marker Broadcasting radio commercials on reducing water use during the fall and winter including rebate information continue to run.

### Streaming TV - Overview



#### Campaign Metrics

**13,130**

Impressions

**12,737**

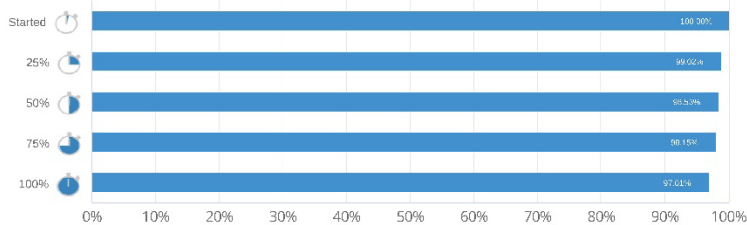
Completions

**97.01%**

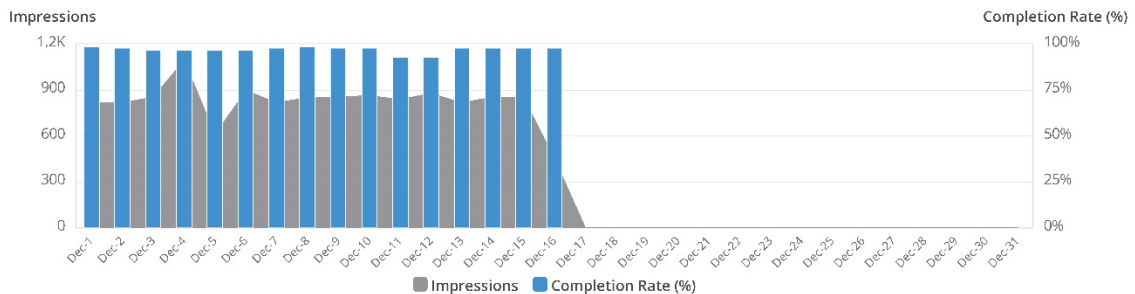
Completion Rate

#### Video Completion Rates

% Viewed



#### Streaming TV Impressions and Completions





## Online Video - Overview

### Campaign Metrics

**43,202**

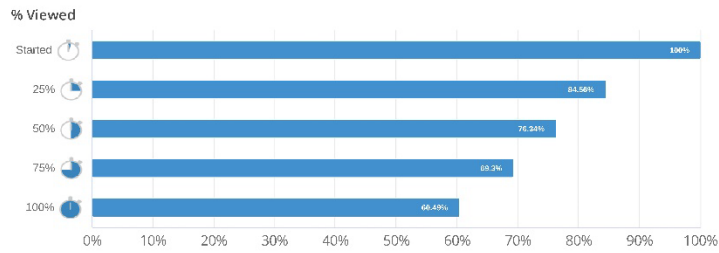
Impressions

**60.49 %**

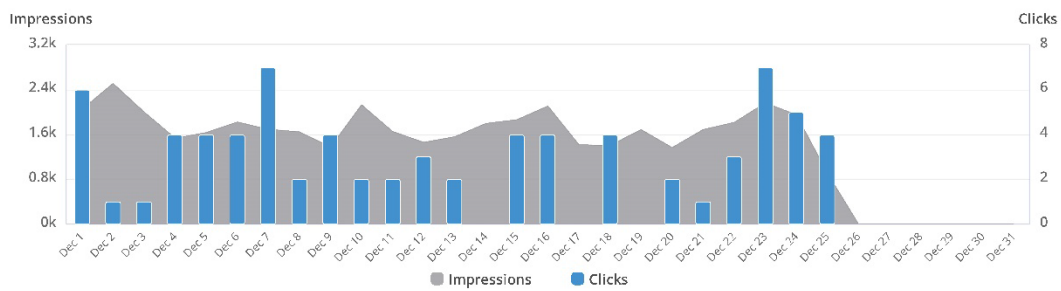
Completion Rate

**468**

Site Visits



### Online Video Impressions & Clicks



## Online Video - Overview

### Campaign Metrics

**43,202**

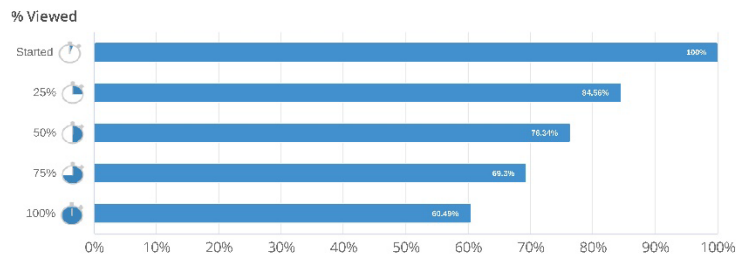
Impressions

**60.49 %**

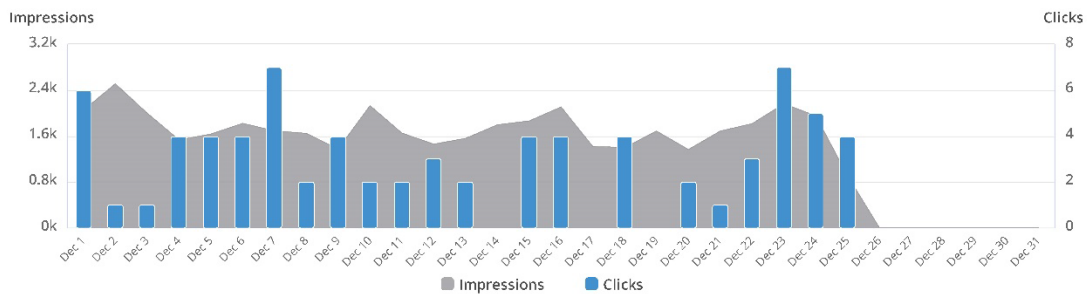
Completion Rate

**468**

Site Visits



### Online Video Impressions & Clicks



**News Releases & Blogs**

12/22/2022 - [Traffic Alert – Avenue 40](#)

**Media Inquiries**

There was one from the LA Times regarding State Water Project replenishment for 2022.

**Conservation & drought outreach**

CVWD continues to work with CV Water Counts on a regional conservation campaign to maintain a unified message on conservation, drought and ways to reduce water use including information on the Level 2 Demand Reduction Actions.

Drought penalties and non-functional turf outreach materials were created and continue to be distributed throughout the community:

- Water News [bill insert](#) (August 2022).
- Direct Mail piece for all domestic water customers.
- Drought penalties [handout](#) (available in CVWD lobbies).
- Drought penalties section on the [cvwd.org/drought](#) updates page.
- Water Saving Guidelines [handout](#).
- Non-functional turf information card for meter readers to hand out and [fact sheet](#) on the website.
- Lawn signs for non-functional turf, golden grass, or water-efficient landscaping.
- Letters are also being mailed to those in the higher tiers regarding non-functional turf.
- Rebate advertisements on Facebook and Instagram.
- Radio ads on conservation, turf conversion rebates and smart controllers.

The following was added to the outreach campaign in October 2022:

- Two commercials on Spectrum TV including streaming and online. Commercials include the topics of rebates and drought penalties.
- Radio commercial on Marker Broadcasting on reducing outdoor water use during the fall and winter seasons. The commercial includes the promotion of smart irrigation controllers.
- Workshop on What's up with the Drought for the public and live-streamed it on social media.
- Video explaining drought penalties was posted on social media.
- Advertisement in Palm Springs Life, Water Smart Is Beautiful.
- Vision profile in Palm Springs Life on Director of Service and Communication Scott Burritt focusing on conservation and drought.

**Workshops/Tours/Trainings/Events:**

12/01/22 School Presentation NOVA Academy, Coachella Career Day Presentation  
 12/01/22 ACWA Fall Conference  
 12/07/22 Landscape Workshop at CVWD SRAB Creating Holiday Gifts with Succulents  
 12/08/22 Community Event – Off-Site (Booth) Palm View Elementary Family Science Night



- 12/13/22 Community Presentation Coachella Valley History Museum Water Resources Presentation
- 12/14/22 School Presentation Mecca Elementary 4th Grade: Shaping the Desert
- 12/14/22 Water Cons Messaging & Collab w/Living Desert Meeting
- 12/27/22 Community Presentation Desert Hot Springs Senior Center Water Resources Presentation
- 12/28/22 Community Presentation James O Jessie Desert Highland Unity Center Water Resources Presentation

**Web Updates:**

Update jobs page with new job description for accountant, CMMS Specialist, WRP Asst Supv. Updated Approved List of Materials, Government Transparency page, GM AGREEMENT and CVWD Water Rights Webpage Update

**Publications/Collateral:**

Monitor Updates - New Employees, FNL, Holiday Decorating Contest  
2023 Calendars 20,000 qty.  
Water Drop 12/08 & 12/22  
Drought Penalty Outreach Mailer (re-print)

**Photos/Videos/Drone:**

Creating Holiday Gifts with Succulents (Workshop), Board Recognition and new employee photos

CVWD in the News:

Date	Source	Title
12/01/22	Other	Smart meters help, but face a backlash
12/01/22	Other	General Motors invests \$500,000 in Salton Sea restoration
12/01/22	Other	Catastrophic events if Glen Canyon dam reaches deadpool
12/01/22	Other	California needs better water conveyance systems
12/01/22	Other	Salton Sea is an environmental priority
12/02/22	Other	State announce 5% allocation from State Water Project for 2023
12/02/22	Other	Lithium commission submits final report to State Legislature
12/02/22	Other	Report points out economic pain drought is causing state's ag industry
12/02/22	Other	Solution -- divert water from rivers to farm fields
12/02/22	Other	Why the Colorado River Compact does not work
12/05/22	Other	Feds have plan for massive cuts in Colorado River deliveries
12/05/22	Other	West's water management system near collapse
12/05/22	Other	Is the West ready to kill the lawn
12/05/22	Other	I V farmers want to pay more for their water
12/06/22	Other	Receding Lake Powell reveals lost world, review of the lake's history
12/06/22	Radio	Western water leaders talk about solutions for Colorado River crisis
12/06/22	TV Other	Country club replaces greens, fairways to save 30 million gallons of water a year
12/06/22	TV Other	Lots of snow may not help the drought
12/06/22	TV Other	Drought disaster turning into economic disaster
12/07/22	Other	Senators urge Ag Secretary to help Western states
12/07/22	Other	Early allocation signals new era of water management
12/07/22	Other	Water, energy use closely connected
12/07/22	Other	Israel can offer water expertise to California
12/07/22	Other	Colorado River likely to get drier
12/08/22	Other	Study shows Salton Sea dust triggers asthma
12/08/22	Other	BLM to place water guzzlers for wildlife
12/08/22	Other	Washing my hands with toilet water cut my water bills in half
12/08/22	Other	Dairy wastes much more water than almonds
12/08/22	Other	La Nina may fade by April
12/08/22	TV Other	Lake Powell power plant could stop running by July
12/12/22	Other	Cadiz to buy filter-producing firm
12/12/22	Other	Storm unlikely to impact drought
12/12/22	Other	Not all areas in California suffer water shortage
12/12/22	Other	Water leaders struggle to find acceptable solutions
12/12/22	Other	Photos essay: Salton Sea yacht club before renovation
12/13/22	Other	Experts split on need to retrofit Colorado River compact
12/13/22	Other	Water deal seems a ways off
12/13/22	Other	Water providers predict shortages next year
12/13/22	Radio	Will snow make a dent in the drought?
12/14/22	Other	Imperial Valley can't sustain another water cut
12/14/22	Other	Las Vegas water situation should worry California
12/14/22	Other	NASA will study surface water from space
12/14/22	Other	Bighorn sheep to get drinking stations
12/14/22	Other	Arizona looks at recycling, desalination, taller dams
12/14/22	Other	State will farmers to stop pumping groundwater
12/14/22	TV Other	Water leaders to discuss next century of river policy
12/15/22	Other	MWD declares regional drought emergency for Southern California
12/15/22	Other	Upper Basin states start Colorado River payout program
12/15/22	Other	San Joaquin Valley growers balking at SGMA goals
12/15/22	Other	NPS could restrict boat access to Lake Mead
12/16/22	KESQ3	Agencies to sign pact to study Salton Sea restoration
12/16/22	Other	Dire scenario at Colorado River conference: Dead pool
12/16/22	Other	Analysis shows Lake Powell will plummet through 2025
12/16/22	Other	More MWD customers face mandatory conservation
12/16/22	Other	West eyes more reservoirs, aquifers
12/19/22	Other	Colorado River action 'absolutely critical'
12/19/22	Other	Colorado River will plummet to 24% of normal this year
12/19/22	Other	Countries agree to protect 30 percent of Earth to halt biodiversity loss
12/19/22	Other	Water Future: Pay more, use less
12/19/22	Other	What you need to know from the Las Vegas water convention
12/19/22	Other	New state program will pay to keep groundwater in the ground
12/20/22	Other	Water manager still short of a deal for Colorado River
12/20/22	Other	Most important piece of California's water puzzle is the Sacramento-San Joaquin Delta
12/20/22	Other	Groundwater replenishes faster than scientists previously thought
12/20/22	Other	A visual journey down the Colorado River
12/20/22	Other	The history behind the problematic Colorado River Compact
12/20/22	Radio	Southwestern cities use less water despite population growth
12/21/22	Other	Army Corps Salton Sea study may net billions for long-term restoration
12/21/22	Other	Water authority plan to protect Lake Mead, Lake Powell calls for more cuts to lower basin states
12/21/22	Other	Feds would enforce agreed water cuts
12/21/22	Other	Lettuce for \$11 a head?
12/21/22	TV Other	Idea to drain Lake Powell gains credence
12/27/22	Other	Is growth surpassing water limits in Arizona
12/27/22	Other	Academicians suggest ways for policy makers to advance sustainability of Colorado River
12/27/22	Other	Program aims to improve forecasts for atmospheric rivers
12/27/22	Other	The world is not prepared by upcoming El Nino
12/28/22	Other	The Colorado River likely to get even drier
12/28/22	Other	Star-studded region seeks wastewater purification plant
12/28/22	Other	State still lags in providing safe water for all
12/28/22	Other	Can ocean water vapor adds to fresh water supplies
12/29/22	Other	Pasadena to continue one-day-per-week outdoor watering schedule
12/29/22	Other	Does irrigation efficiency help with water scarcity?
12/29/22	Other	Bill will fund studies of salt lake ecosystems
12/29/22	Other	Price groundwater to help solve state's water problems
12/29/22	Other	Our future: Pay more for water, use less
12/29/22	TV Other	Scottsdale plans to cut off water supply to 500 nearby homes

**Government Affairs:**

Victoria routinely attends numerous [legislative] meetings around the Valley and industry related, including:

- Desert Valley Builders Association monthly legislative meeting
- Greater Coachella Valley Chamber of Commerce monthly legislative meetings
- Community Water Systems Alliance monthly meeting
- NWRA's Federal Legislative Committee
- ACWA State Legislative Affairs Committee
- ACWA Federal Affairs Committee
- CASA (California Association of Sanitation Agencies) Monthly Legislative Meeting
- Various Ribbon Cuttings & Community events
- Riverside County Water Task Force
- United Way of the Desert Board meetings
- Greater Coachella Valley Chamber of Commerce Board Meetings

During December, Victoria attended the ACWA Fall Conference Indian Wells. She also partook in the Colorado River Water Users Association (CRWUA) conference in mid-December.

At the December 13<sup>th</sup> board meeting, Government Affairs brought two items from board consideration: (1) adoption of the CVWD Legislative & Policy Platform 2023-2024 and (2) award of a two-year contract to BB&K for state lobbying services.

She also attending at the Community Water Systems Alliance Annual Meeting and Strategic Planning session that reviewed CWSA's legislative goals for the upcoming year. CWSA also strategized how best to approach the anticipated Chromium 6 mcl announcement.

Also in December, the Government Affairs teams sent out CVWD holiday cards and calendars to electeds and various community contacts.

Congressman Ruiz reached out to CVWD regarding the Omnibus bill that would include \$3.45million for CVWD in Community Project Funding for its Valley View Consolidation. The call included Vice President Estrada, Dan Ruiz, Scott Burritt, Victoria Llort, and Glenn Lubbe.

**Federal:**

Below is an overview of CVWD and BB&K efforts during the month of December:

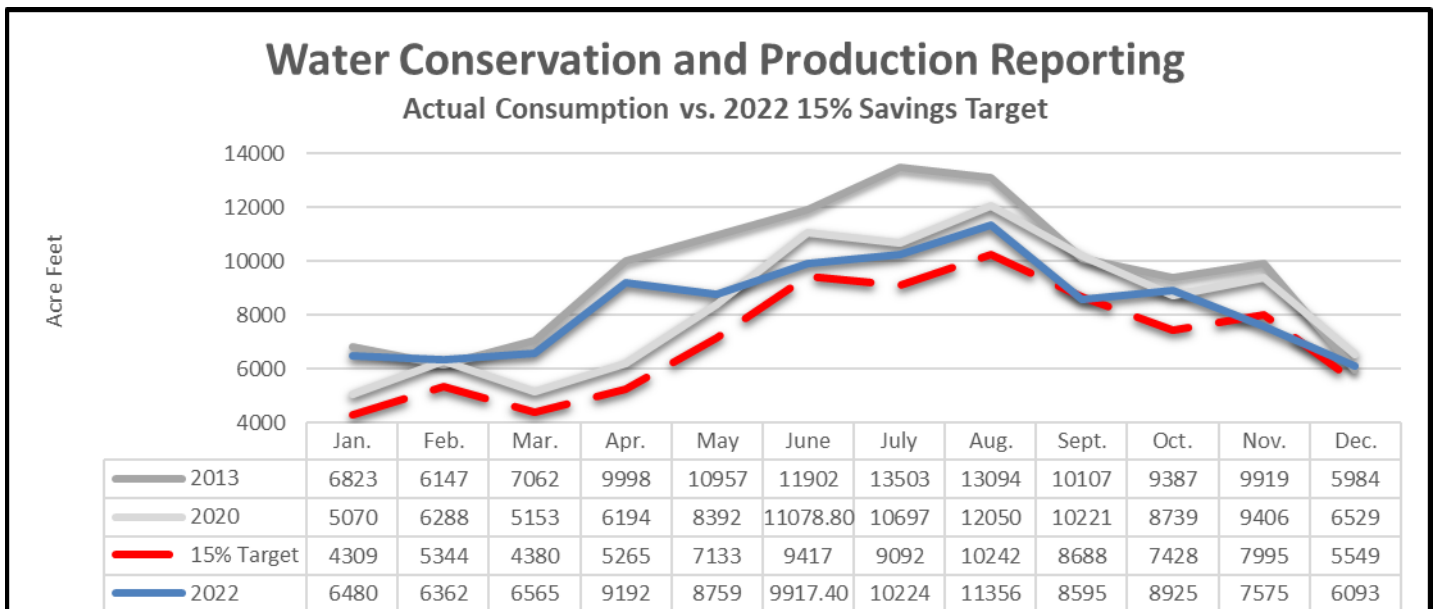
- Connect with Congressman Ruiz on Chuckwalla National Monument
- Follow up with Congresswoman Chu's office on water conservation rebate tax and next steps on advancing the measure
- Review invitees and recommend next steps for the USBR event in 2023
- Prepare for BB&K presentation to Board of Directors on January 10, 2023

- Follow up on Senator Kelly's Colorado River Indian Tribes Bill
- Follow up on Community Project Funding/Congressionally Directed Spending request
- Attended Association of California Water Agencies Conference

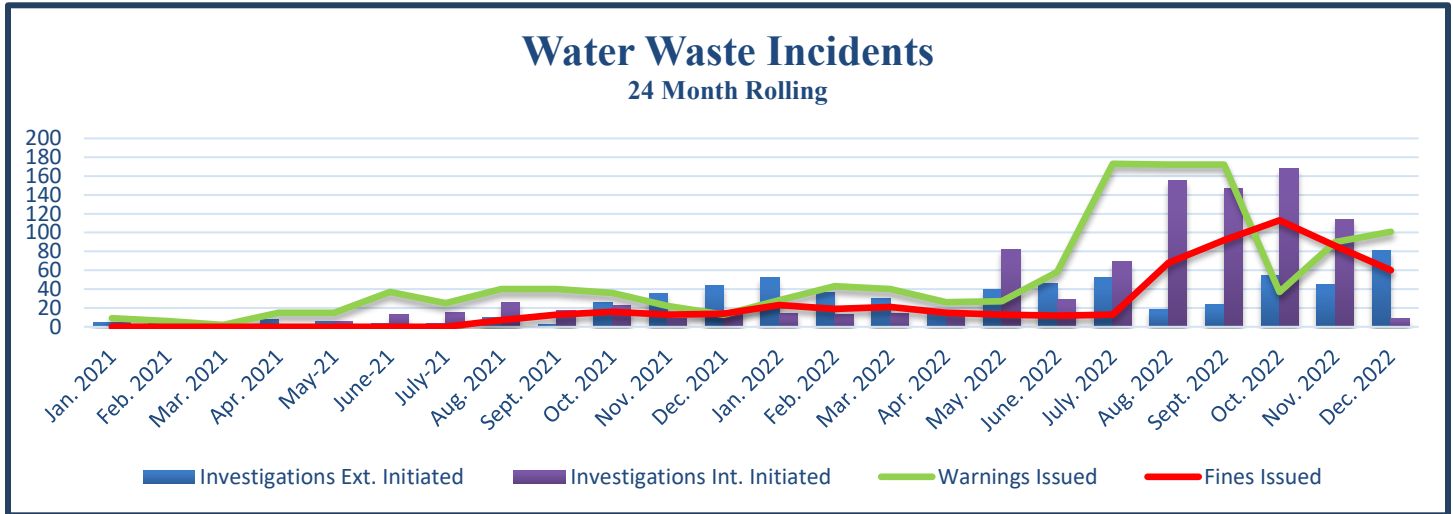
## Water Management

Water Management is primarily responsible for assisting customers with water budget accuracy and helping them find ways to meet those budgets. Water Management oversees the implementation of a number of conservation programs, which include indoor conservation kits for homeowners, water audits, direct install of residential smart irrigation controllers, and water brooms and pre-rinse nozzles for restaurants and HOAs. Water Management also oversees the following rebate programs: turf conversion (both residential and large landscape), rotary nozzle replacement, drip irrigation conversion, high efficiency (HE) toilets, HE washing machines, and hot water recirculating pumps. A dedicated staff member is also responsible for water waste investigations and citations.

	Program Start Date	Rolling 12 Month Total	Monthly Average	December	Cumulative Water Savings in Acre Feet
Residential Smart Controllers	2006	145	12	12	6,683
Large Landscape Smart Controllers	2008	56	5	29	245,262
Desert Landscaping Rebate (sq. ft.)	2010	1,730,779	144,232	643,995	25,000
Landscape Plan Checks	2007	534	45	34	271,522
Toilet Rebates	2011	506	42	47	648
Tier 4 & 5 Customer Contacts	2015	3,457	288	237	
Water Broom/Pre-Rinse Nozzles	2015	7	1	0	
High Efficiency Washing Machine Rebates	2021	221	18	16	
Hot Water Recirculating Pumps	2021	65	5	3	



Drought Penalties Fiscal Year													
FY 2022-2023	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total
Tier 2	\$0.00	\$0.00	\$29,928.58	\$22,448.32	\$22,777.76	\$17,868.06							\$96,435.73
Tier 3	\$0.00	\$0.00	\$877,208.41	\$702,057.87	\$918,729.00	\$961,806.62							\$3,537,245.10
Tier 4	\$0.00	\$0.00	\$435,125.68	\$391,606.16	\$605,076.80	\$770,837.71							\$2,239,346.59
Tier 5	\$0.00	\$0.00	\$319,198.60	\$313,789.00	\$443,484.16	\$679,877.24							\$1,795,246.60
<b>Drought Penalties Charged YTD</b>													<b>\$7,668,274.02</b>



Water Waste Fines													
Fiscal Year	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total
FY 2020-2021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FY 2021-2022	\$0	\$350	\$900	\$1,500	\$1,950	\$1,700	\$6,050	\$8,000	\$4,650	\$4,350	\$4,200	\$5,700	\$39,350
FY 2022-2023	\$5,650	\$7,500	\$8,250	\$15,300	\$14,500	\$17,350	\$0	\$0	\$0	\$0	\$0	\$0	\$68,550

