BOARD OF DIRECTORS REGULAR MEETING AGENDA

Monday, March 17, 2025 at 3:00 PM

66575 Second St, Desert Hot Springs, CA AND/OR Via Teleconference

NOTICE IS HEREBY GIVEN THAT THE BOARD OF DIRECTORS OF MISSION SPRINGS WATER DISTRICT WILL HOLD ITS REGULAR MEETING(S) ON THE DATE LISTED ABOVE. THE BOARD WILL MEET IN PERSON AT 66575 SECOND STREET, DESERT HOT SPRINGS.

THE PUBLIC IS PERMITTED TO ATTEND THIS MEETING IN PERSON OR VIRTUALLY USING THE ZOOM LINK BELOW.

JOIN ZOOM MEETING:

https://us02web.zoom.us/j/8220655340?from=addon

DIAL BY PHONE:

+1 (408) 638-0968

Meeting ID: 822 065 5340

ACTION MAY BE TAKEN ON ANY ITEM LISTED ON THIS AGENDA

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **ANNOUNCEMENT AND VERIFICATION OF REMOTE MEETING PARTICIPATION PURSUANT TO AB 2449 OR GC 54953(b)**
4. **PLEDGE OF ALLEGIANCE**
5. **RULES OF PROCEDURE**
6. **PUBLIC INPUT**
   This is the opportunity for members of the public to address the Board on matters within the Board's jurisdiction. ***Please limit comments to three (3) minutes or less.*** *State law prohibits the Board from discussing or taking action on any item not listed on the agenda.*

EMPLOYEE RECOGNITION

7. **DESERT HOT SPRINGS HIGH SCHOOL REAL ACADEMY INTERNSHIP PROGRAM**

EMPLOYEE RECOGNITION

8. **HUMAN RESOURCES REPORT**

ACTION ITEMS

9. MISSION CREEK SUBBASIN ANNUAL REPORT FOR WATER YEAR 2023-2024
It is recommended to receive and file the Mission Creek Subbasin Annual Report for Water Year 2023-2024 prepared for the Coachella Valley Water District, Desert Water Agency, and Mission Springs Water District by WSP Environmental & Infrastructure Inc.

10. AWARD OF TASK ORDER TO TKE ENGINEERING TO PROVIDE PROFESSIONAL SURVEYING FOR THE WELL BENCHMARK SURVEY
It is recommended to authorize the General Manager to negotiate and execute a contract task order with TKE Engineering in the amount of $12,940.00 to perform a well benchmark survey with a 10% contingency in the amount of $1,294 for a not to exceed contract total amount of $14,234.00.

11. AUTHORIZATION FOR PURCHASE OF 2025 VERMEER VX50-800 VACUUM EXCAVATOR FROM RDO EQUIPMENT CO.
It is recommended to authorize the General Manager to approve the purchase of 2025 Vermeer VX50-800 vacuum excavator from RDO Equipment Co. for a not to exceed the amount of $124,358.84 as approved in the FY2024-25 Capital Budget.

12. CONTRACT AGREEMENT WITH EXECUTIVE FACILITIES SERVICES, INC. FOR ANNUAL JANITORIAL SERVICES FOR FY 2024-2026
It is recommended to authorize the General Manager to approve a contract with Executive Facilities Services, Inc. for Annual Janitorial Services for FY 2024-2026, totaling $36,808.72, plus an additional 10% contingency, for a total of $40,489.59. The agreement includes the option to extend services for three additional one-year terms.

13. ACCEPTANCE OF THE WELL 34 REHABILITATION PROJECT
It is recommended to accept the Well 34 Rehabilitation Project as complete and authorize the release of retention money held for Legend Pump and Well Services, Inc. in the amount of $31,668.73, thirty-five (35) days after filing the Notice of Completion.

14. REVIEW AND ADOPT THE UPDATED MSWD STRATEGIC PLAN
It is recommended that the Board adopt the updated Mission Springs Water District Strategic Plan, which builds on the past year's success and provides guidance for the future.

DISCUSSION ITEMS

15. CRITICAL SERVICES CENTER AND ADMINISTRATION BUILDING UPDATE

16. GROUNDWATER PROTECTION PROGRAM UPDATE

17. AD-18 AREA D-3 SEWER DISCUSSION

18. 2024 ANNUAL UPDATE ON VACANCIES

CONSENT AGENDA

Consent agenda items are expected to be routine and non-controversial, to be acted upon by the Board

at one time, without discussion. If a member would like an item to be handled separately, it will be removed from the Consent Agenda for separate action.

19. APPROVAL OF MINUTES
It is recommended to approve the minutes as follows:

February 4, 2025 - Special Meeting Workshop
February 13, 2025 - Study Session
February 18, 2025 - Board Meeting

20. REGISTER OF DEMANDS
The register of demands totaling $2,600,995.99

REPORTS

21. DIRECTOR'S REPORTS

22. GENERAL MANAGER'S REPORT
Included in this report are the following oral reports:
A. Finance Report
B. Public Affairs Report

COMMENTS

23. DISTRICT COUNSEL COMMENTS

24. DIRECTOR COMMENTS AND REQUESTS FOR FUTURE AGENDA ITEMS
1. General Comments
2. Requests for Future Agenda Items
3. Requests for Future Meetings

CLOSED SESSION

25. CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION
Pursuant to Government Code Section 54956.9(d)(2) and/or (3). One potential case.

26. CONFERENCE WITH LEGAL COUNSEL REGARDING PENDING LITIGATION
Pursuant to Government Code Section 54956.9(d)(1). One case: Fournier v Mission Springs Water District (case number Adj19778853)

27. REPORT ON ACTION TAKEN DURING CLOSED SESSION

28. ADJOURN

If you need special assistance to participate in this meeting, please contact the Executive Assistant at (760) 660-4403 at least 48 working hours prior to the meeting.

ANY DISCLOSABLE PUBLIC RECORDS RELATED TO AN OPEN SESSION ITEM ON A REGULAR MEETING AGENDA AND DISTRIBUTED BY MISSION SPRINGS WATER DISTRICT TO ALL OR A MAJORITY OF THE BOARD OF DIRECTORS LESS THAN 72 HOURS PRIOR TO THAT MEETING ARE AVAILABLE FOR PUBLIC INSPECTION AT THE DISTRICT OFFICE, 66575 SECOND STREET, DESERT HOT SPRINGS, CALIFORNIA DURING NORMAL BUSINESS HOURS AND MAY ALSO BE AVAILABLE ON THE DISTRICT'S WEBSITE AT WWW.MSWD.ORG/MEETINGS. NOTE: THE PROCEEDINGS MAY BE AUDIO AND VIDEO RECORDED.

CERTIFICATION OF POSTING

I certify that on or before March 14, 2025, a copy of the foregoing notice was posted near the regular meeting place of the Board of Directors of Mission Springs Water District at least 72 hours in advance of the meeting (Government Code Section 54954.2).



Dori Petee
Executive Assistant

AGENDA STAFF REPORT

MEETING NAME: REGULAR BOARD MEETINGS

MEETING DATE(S): MARCH 13 & 17, 2025

FROM: ORIANA HOFFERT-HUMAN RESOURCES MANAGER

HUMAN RESOURCES REPORT

PERSONNEL ACTIVITY FOR THE PERIOD FEBRUARY 1-28, 2025

NEW HIRES

Selene Rodriguez	Administrative Assistant I

ANNIVERSARIES

Ana Murillo	Accounting Technician	3 Years
Theresa Murphy	Engineering Technician II	17 Years
Mark Vermeer	WWTP Operator I	24 Years

PROMOTIONS

CERTIFICATIONS/EDUCATIONAL ACCOMPLISHMENTS

AGENDA STAFF REPORT

MEETING NAME: **REGULAR BOARD MEETING**

MEETING DATE(S): **MARCH 13 & 17, 2025**

FROM: **MARION CHAMPION – ASSISTANT GENERAL MANAGER**

FOR: ACTION __X__ DIRECTION ____ INFORMATION _____

RECEIVE AND FILE THE MISSION CREEK SUBBASIN ANNUAL REPORT FOR WATER YEAR 2023-2024

STAFF RECOMMENDATION

Receive and file the Mission Creek Subbasin Annual Report for Water Year 2023-2024 prepared for the Coachella Valley Water District, Desert Water Agency, and Mission Springs Water District by WSP USA Environmental & Infrastructure Inc.

SUMMARY

Under the direction and guidance of Coachella Valley Water District, Desert Water Agency, and Mission Springs Water District, WSP USA Environment & Infrastructure Inc. has prepared this Mission Creek Subbasin Annual Report for Water Year (WY) 2023-2024 (Annual Report) in accordance with the annual reporting requirements of the Sustainable Groundwater Management Act. This Annual Report summarizes groundwater conditions and the implementation status of projects and management actions in the Mission Creek Subbasin for WY 2023-2024 (October 1, 2023 to September 30, 2024).

ANALYSIS

A comparison of the Mission Creek Subbasin inflows and outflows for WY 2023-2024 indicates an annual increase in groundwater storage of 200 acre feet (AF). Mission Creek Subbasin inflows included 6,850 AF of natural inflows, 4,738 AF of return flow from use, and 5,432 AF from artificial recharge of SWP Exchange Water at the Mission Creek Groundwater Recharge Facility. The total inflow to the Mission Creek Subbasin in WY 2023-2024 was 17,020 AF. Outflows included 13,341 AF of groundwater pumping and 3,479 AF of natural outflows. The total outflow from the Mission Creek Subbasin in WY 2023-2024 was 16,820 AF.

FISCAL IMPACT & STRATEGIC PLAN IMPLEMENTATION

WSP USA Environmental & Infrastructure Inc. is contracted with CVWD. MSWD and DWA are invoiced by CVWD for WSP USA Environmental & Infrastructure Inc. costs. This action is consistent with Strategic Plan Smart Goal 2.1-Ensure excellence in regulatory compliance.

FINANCIAL DATA		
Cost Associated with this action:	$0.00	
Current FY cost:	$21,573	
Future FY cost:	$0.00	
Is it covered in current year budget:	YES ☒	NO ☐
Budget adjustment needed:	YES ☐	NO ☒
If yes, year needed:	NA	
All previous contracts including dates, amounts and board approvals are attached or have been made available.		

FUNDING SOURCES	
Source of funds:	201-Water
BID/Job#	823-Contr. Ser.
Current BID/Job balance	$58,131.18
Balance remaining if approved:	$58,131.18

ATTACHMENT

Mission Creek Subbasin Annual Report for the Water Year 2023 - 2024



Mission Creek Subbasin Annual Report for the Water Year 2023-2024

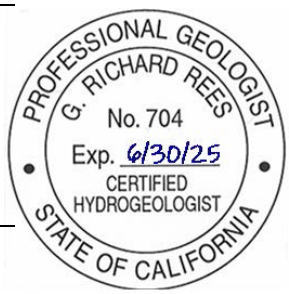
Prepared for Coachella Valley Water District, Desert Water Agency, and Mission Springs Water District

Date: February 2025

SIGNATURES

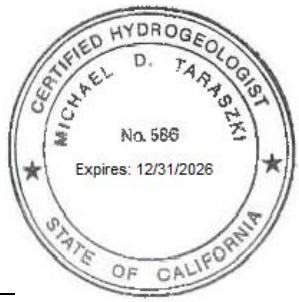
PREPARED BY

Jeremy Zeveh
Technical Professional - Geology



G. Richard Rees, PG #6612, CHG #704
Principal Hydrogeologist

APPROVED[1] BY:



Michael Taraszki, PG #6457, CHG #586, PMP PMI 61214966
Vice President, Hydrogeologist

This report was prepared by the staff of WSP USA Inc. under the supervision of the Engineer(s) and/or Geologist(s) whose seal(s) and signature(s) appear hereon.

The findings, recommendations, specifications, or professional opinions are presented within the limits described by the client, in accordance with generally accepted professional engineering and geologic practice. No warranty is expressed or implied.

[1] Approval of this document is an administrative function indicating readiness for release and does not impart legal liability on to the Approver for any technical content contained herein. Technical accuracy and fit-for-purpose of this content is obtained through the review process. The Approver shall ensure the applicable review process has occurred prior to signing the document.

Mission Creek Subbasin Annual Report for Water Year 2023-2024

February 28, 2025

For Submittal to:

California Department of Water Resources
in Accordance with
the Sustainable Groundwater Management Act

Prepared for:

Coachella Valley Water District

Desert Water Agency

Mission Springs Water District

Prepared by:

WSP USA Inc.

3560 Hyland Ave, Suite 100

Costa Mesa, California 92626

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Acronyms, Abbreviations, and Glossary

Acronym	Definition
AB	Assembly Bill
AD	Assessment District
AF	Acre-Feet
AFY	Acre-Feet per Year
AOB	Area of Benefit
BCM	Basin Characterization Model
Bgs	Below ground surface
CASGEM	California Statewide Groundwater Elevation Monitoring Program
CDFM	Cumulative Deviation from the Mean
CDWR	California Department of Water Resources
CEQA	California Environmental Quality Act
CIMIS	California Irrigation Management Information System
COC	Constituent of Concern
CR-6	Hexavalent chromium
CRA	Colorado River Aqueduct
CVCC	Coachella Valley Conservation Commission
CVMC	Coachella Valley Mountains Conservancy
CVRWMG	Coachella Valley Regional Water Management Group
CVWD	Coachella Valley Water District
CV-SNMP	Coachella Valley – Salt and Nutrient Management Program
CV-RUWMP	Coachella Valley Regional Urban Water Management Plan
CWA	Coachella Water Authority
DCA	Delta Conveyance Design and Construction Authority
DCP	Delta Conveyance Project
DEH	Department of Environmental Health
DHSB	Desert Hot Springs Subbasin
DHS	Desert Hot Springs
DMM	Demand Management Measures
DWA	Desert Water Agency
EIR	Environmental Impact Report
ET	Evapotranspiration
Ft	Feet
GAMA	Groundwater Ambient Monitoring and Assessment
GPS	Global Positioning System
GRF	Groundwater Replenishment Facility
GRP	Groundwater Replenishment Program
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
GQPP	Groundwater Quality Protection Program
I-Bank	California Infrastructure and Economic Development Bank

Acronym	Definition
InSAR	Interferometric Synthetic Aperture Radar
IWA	Indio Water Authority
MC-GH WMP	Mission Creek-Garnet Hill Water Management Plan
MCL	Maximum Contaminant Level
Mgd	million gallons per day
mg/L	milligrams per liter
MNM	Monitoring Network Module
MOU	memorandum of understanding
Msl	mean sea level
MSWD	Mission Springs Water District
MWD	Metropolitan Water District of Southern California
MWH	MWH Americas, Inc. now Stantec
NAVD88	North American Vertical Datum of 1988
NGVD29	National Geodetic Vertical Datum of 1929
NOAA	National Oceanic and Atmospheric Administration
pCi/L	picocuries per liter
PFAS	Per-and Polyfluoroalkyl Substances
PRISM	Parameter-elevation Relationships on Independent Slopes Model
PMAs	Project and Management Actions
Project WET	Project Water Education for Teachers
QSA	Quantification Settlement Agreement
RAC	Replenishment Assessment Charge
RCDEH	Riverside County Department of Environmental Health
RCDWR	Riverside County Department of Waste Resources
RCFCWCD	Riverside County Flood Control and Water Conservation District
RWRF	Regional Water Reclamation Facility
RWQCB	California Regional Water Quality Control Board, Colorado River Region
ROA	Result Oriented Activities
SB	Senate Bill
SGMA	Sustainable Groundwater Management Act
SMCL	Secondary Maximum Contaminant Level
SNMP	Salt and Nutrient Management Plan
SWP	State Water Project
SWR	Storm Water Resources
SWRCB	State Water Resources Control Board
SWRCB-DDW	State Water Resources Control Board – Division of Drinking Water
TDS	Total Dissolved Solids
TDS/N	Total Dissolved Solids/ Nitrogen (nitrogen occurring primarily as nitrate in groundwater)

Acronym	Definition
TSS	Technical Support Services
USBR	United States Bureau of Reclamation
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UWMP	Urban Water Management Plan
VOC	volatile organic compound
WIFIA	Water Infrastructure Finance and Innovation Act
WIIN	Water Infrastructure Improvements for the Nation
WMP	Water Management Plan
Wood	Wood Environment & Infrastructure Solutions, Inc.
WSCP	Water Shortage Contingency Plans
WSP	WSP Environment & Infrastructure Inc.
WVWRF	West Valley Water Reclamation Facility
WY	Water Year

Executive Summary

On behalf of the Coachella Valley Water District (CVWD), Desert Water Agency (DWA), and Mission Springs Water District (MSWD) (collectively the Agencies), WSP USA Inc. (WSP) has prepared this Mission Creek Subbasin Annual Report for Water Year (WY) 2023-2024 (Annual Report) in accordance with the annual reporting requirements of the Sustainable Groundwater Management Act (SGMA). The California Department of Water Resources (CDWR) designated the Mission Creek Subbasin as Basin No. 721.02 (CDWR, 2003). This Annual Report summarizes groundwater conditions and the implementation status of projects and management actions in the Mission Creek Subbasin (also referred to as the Subbasin) for WY 2023-2024 (October 1, 2023 to September 30, 2024). This executive summary is organized by headings that parallel those in the body of the report.

ES.1 Background

The Coachella Valley Groundwater Basin has been divided into four separate subbasins by the CDWR; these include the Indio, Mission Creek, San Gorgonio Pass, and Desert Hot Springs Subbasins. The Indio,[1] Mission Creek, and San Gorgonio Pass Subbasins have been designated medium-priority subbasins under the SGMA and the Desert Hot Springs Subbasin has been designated a very-low-priority subbasin.

On December 29, 2016, the Agencies collaboratively submitted the 2013 Mission Creek-Garnet Hill Water Management Plan (2013 MC-GH WMP [MWH, 2013]) and a bridge document (Stantec, 2016; 2016 Bridge Document) to the CDWR. Together, those documents described how the 2013 MC-GH WMP and supporting documents met the requirements of the SGMA and thus could be considered an Alternative to a Groundwater Sustainability Plan (Alternative Plan) under the SGMA. The 2013 MC-GH WMP, 2016 Bridge Document, and supporting documents were provided to the CDWR for review and evaluation as the Mission Creek Subbasin Alternative Plan. On July 17, 2019, the CDWR approved the Alternative Plan, finding it functionally equivalent to a Groundwater Sustainability Plan (GSP).

The Agencies initiated the five-year update as part of the required five-year periodic evaluation of the Alternative Plan. The resulting update, entitled, "Mission Creek Subbasin Alternative Plan Update" (2022 Alternative Plan Update; [Wood[2] and Kennedy Jenks, 2021]) was completed in November 2021 and submitted to the CDWR in December 2021.

In June 2024, CDWR approved the 2022 Alternative Plan Update as part of their Periodic Review of the Mission Creek Subbasin Alternative Groundwater Sustainability Plan (CDWR, 2024). Based on these findings, the CDWR proposed recommended corrective actions to enhances the Alternative Plan and facilitate future evaluation by CDWR. The corrective actions included clarification of inter-basin coordination on items such as monitoring networks and hydrogeological conceptual models, monitoring network reporting to the SGMA Portal Monitoring Network Module (MNM), and incorporation of an approved salt and nutrient management plan into future iterations of the Alternative Plan. The Agencies intend to initiate the next five-year periodic evaluation in 2025, with results to be submitted by January 1, 2027.

[1] The Indio Subbasin is also identified as the Whitewater River Subbasin by the United States Geological Survey, 1980. However, the subbasin is identified as the Indio Subbasin in CDWR Bulletin 108 (1964) and Bulletin 118 (2003). For continuity, this Annual Report will identify the subbasin as the Indio Subbasin.
[2] WSP Global Inc. acquired Wood Environment & Infrastructure Solutions, Inc. (Wood) in September 2022.

In accordance with the SGMA GSP Emergency Regulations (CDWR, 2016), annual reports are to be submitted to the CDWR by April 1 of each year following adoption of a GSP, or in this case, following submission of an Alternative Plan to the CDWR. This Annual Report contains a discussion of the Coachella Valley Groundwater Basin in general followed by sections describing each of the Annual Report elements for the Mission Creek Subbasin required by the SGMA.

ES.2 Coachella Valley Groundwater Basin and Subbasins

The Coachella Valley Groundwater Basin extends approximately 45 miles southeast from the San Bernardino Mountains to the northern shore of the Salton Sea. Cities within the Coachella Valley include Cathedral City, Coachella, Desert Hot Springs, Indian Wells, Indio, La Quinta, Palm Desert, Palm Springs, Rancho Mirage, and the unincorporated communities of Thousand Palms, Thermal, Bermuda Dunes, Oasis, and Mecca. The Coachella Valley is bordered by the San Jacinto and Santa Rosa Mountains on the southwest, the San Bernardino Mountains on the northwest, the Little San Bernardino Mountains and the Mecca Hills on the northeast, and the Salton Sea on the southeast. The Coachella Valley lies within the northwesterly portion of California's Colorado Desert, an extension of the Sonoran Desert. The San Bernardino, San Jacinto, and Santa Rosa Mountains impede the eastward movement of storms and create a rain shadow, which results in an arid climate and greatly reduces the contribution of direct precipitation as a source of recharge to groundwater in the Coachella Valley.

Although there is interflow of groundwater throughout the Coachella Valley Groundwater Basin, fault barriers, constrictions in the groundwater basin profile, and areas of low permeability limit and control movement of groundwater. Based on these factors, the groundwater basin has been divided into four subbasins including the Indio, Mission Creek, Desert Hot Springs, and San Gorgonio Pass Subbasins. The subbasins are defined without regard to water quantity or quality, rather, they delineate areas underlain by formations which readily yield stored groundwater through water wells and offer natural reservoirs for the regulation of water supplies. The Mission Creek Subbasin has a groundwater storage capacity of 2.6 million acre-feet (AF) (CDWR, 1964).



View east-southeast from Worsley Road near the Mission Creek Groundwater Replenishment Facility. Indio Hills in the background.

The Mission Creek Subbasin extends from the active river channels of the upper reaches of the Whitewater River in the Coachella Valley southeast through the western portion of the Indio Hills and terminates approximately three miles north of the community of Bermuda Dunes. Much of the Mission Creek Subbasin is undeveloped and supports sparse desert vegetation. The City of Desert Hot Springs and the community of North Palm Springs (an unincorporated area not associated with the City of Palm Springs) are located in the central part of the Mission Creek Subbasin. The City of Palm Springs also extends into the Mission Creek Subbasin. Individual homes and smaller communities are scattered across the northwestern region and other portions of the Mission Creek Subbasin. The portions of the Indio Hills within the Mission Creek Subbasin are undeveloped.

Average high temperatures exceed 100 degrees Fahrenheit (°F) in the months of June, July, August, and September. Based on National Oceanic and Atmospheric Administration (NOAA) records from 1991 to 2020, average high temperatures in May and October are in the low to mid 90s°F and average high temperatures in the months of November through April range from 69°F to 87°F. Average low temperatures range from 46°F in December to 80°F in August.

Figure ES-1 provides a summary of precipitation at the Desert Hot Springs precipitation station located approximately 1 mile north of the northern boundary of the Mission Creek Subbasin. The figure shows the variability in precipitation over time with wet and dry cycles of precipitation indicated by the upward and downward slope of the plot. The plot shows a relatively flat cumulative deviation from the mean since WY 2016-2017, indicating generally average precipitation for the period of WY 2016-2017 to WY 2021-2022. Less than average precipitation in WY 2020-2021 (2.1 inches) and WY 2021-2022 (3.33 inches) resulted in a slight downward trend. The preciptiation total for WY 2022-2023 was 8.05 inches resulting in an upward trend. The annual precipitation total for WY 2023-2024 was 4.16 inches, which is less than the mean annual precipitation of 5.1 inches.

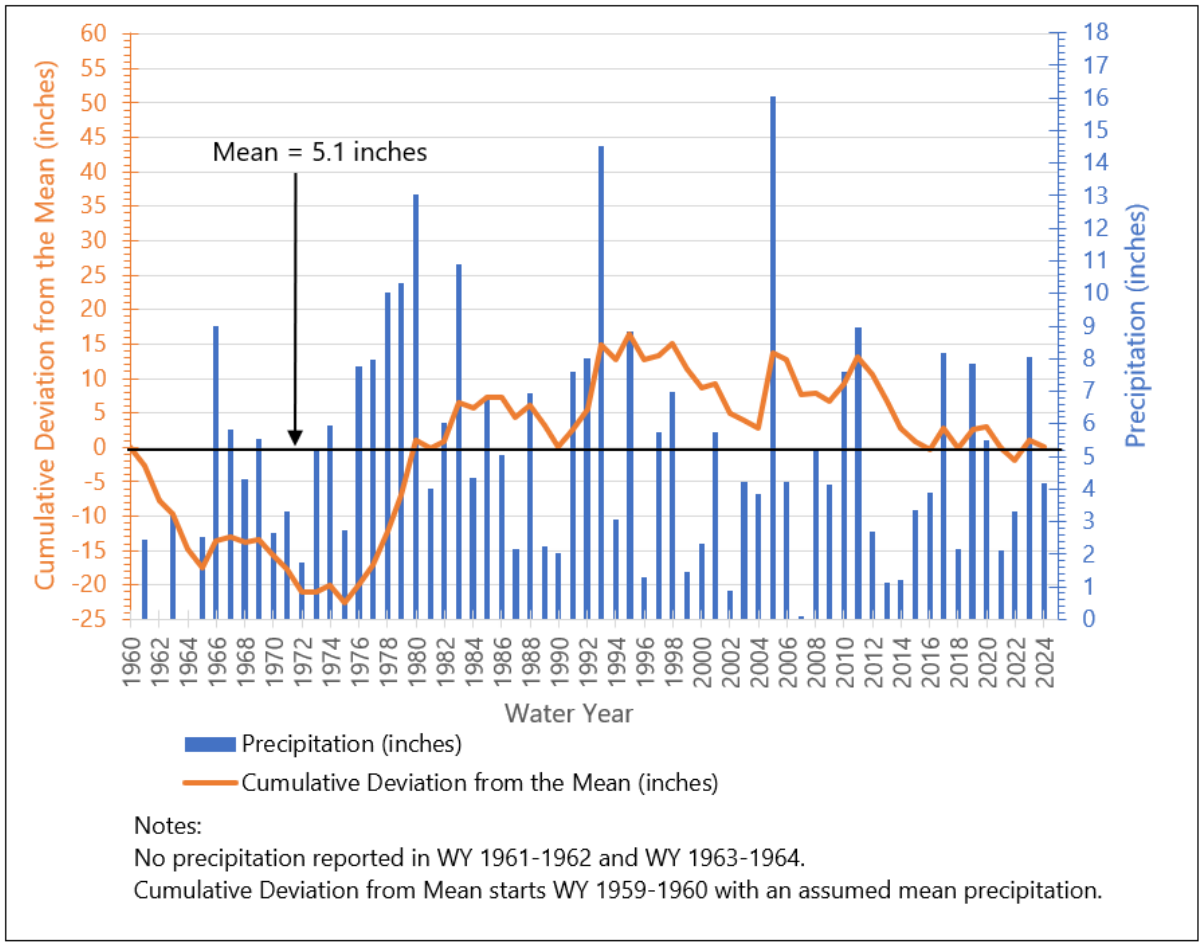


View south-southeast from Whitewater Canyon Road bridge over the Whitewater River.

The Mission Creek Subbasin is bounded by relatively impermeable bedrock of the San Bernardino Mountains and Little San Bernardino Mountains to the west/northwest and north/northeast, respectively. The Mission Creek fault separates the Mission Creek Subbasin from the Desert Hot Springs Subbasin to the northeast, while the Banning fault separates the Mission Creek Subbasin from the Garnet Hill Subarea of the Indio Subbasin to the south. Southeast of the Garnet Hill Subarea where the Garnet Hill fault appears to terminate into the Indio Hills, the Banning fault separates the southeastern portion of the Mission Creek Subbasin from the Indio Subbasin.

Groundwater within the Mission Creek Subbasin and adjacent subbasins is stored in unconsolidated alluvial sediments, which extend to a depth as great as 3,000 feet below ground surface (bgs) and are underlain by semi-consolidated and semi-permeable sediments (GCI, 1979). These alluvial sediments comprise the only aquifer identified in the Mission Creek Subbasin. Faults bounding the Mission Creek Subbasin are partial barriers to groundwater flow, resulting in groundwater elevation differences across the faults. Because these faults are only partial barriers to groundwater flow, steep hydraulic gradients across the faults result in subsurface outflow from the Mission Creek Subbasin to the Garnet Hill Subarea of the Indio Subbasin, and subsurface inflow from the Desert Hot Springs Subbasin into the Mission Creek Subbasin.

Figure ES-1
Annual Precipitation and Cumulative Deviation from the Mean, Desert Hot Springs



The primary inflows to the Mission Creek Subbasin include infiltration of natural runoff in the creeks and washes fed by highland precipitation, subsurface mountain-front recharge, and subsurface inflow from the Desert Hot Springs Subbasin. Precipitation on the valley floor is a relatively minor source of infiltration due to the arid climate. Additional sources of recharge include wastewater percolation, septic tank percolation, and return flow infiltration from water applied for municipal, agricultural, recreational (such as golf course irrigation), and industrial uses.[3] When available, a significant source of recharge to the Mission Creek Subbasin is artificial recharge of imported water that is infiltrated at the Mission Creek Groundwater Replenishment Facility (Mission Creek GRF), located in the northwestern part of the Mission Creek Subbasin.

The primary outflow of groundwater from the Mission Creek Subbasin is through groundwater production for urban, agricultural, and industrial uses. The Agencies produce groundwater in the Mission Creek

[3] In this report, the category "urban use" includes municipal and recreational uses unless those uses are identified separately.

Subbasin for delivery to their customers located in the Mission Creek Subbasin and in the adjacent Desert Hot Springs Subbasin. Groundwater from the adjacent Garnet Hill Subarea of the Indio Subbasin is also used in the Mission Creek Subbasin. Private wells that supply water for golf course irrigation, agricultural, and industrial use are metered to assess replenishment assessment charges to cover the costs of importing water and replenishing the basin. Additionally, there are private wells located in the Mission Creek Subbasin that, due to low levels of use, are not required to report their well production to CVWD or DWA, and some of these wells may extract groundwater on a regular basis. Other outflows of groundwater from the Mission Creek Subbasin include evapotranspiration from plants with deep roots that draw water at or near the groundwater surface (phreatophytes) in shallow groundwater areas and previously mentioned subsurface outflow to the Indio Subbasin including the Garnet Hill Subarea.

ES.3 Groundwater Elevation and Monitoring Wells

The 2022 Alternative Plan Update established nine Key Wells for monitoring of groundwater levels in the Mission Creek Subbasin. **Table ES-1** identifies the Key Wells and the rationale for the selection of these wells. In addition to monitoring groundwater levels in the nine Key Wells for SGMA compliance, the Agencies monitor groundwater levels in 15 additional wells in the Mission Creek Subbasin. Groundwater level data from nine of these wells were used to supplement the data from the Key Wells for contouring of groundwater elevations and changes in storage.

Table ES-1
Key Wells in the Mission Creek Subbasin - WY 2023-2024

State Well Number	Local Name	Map Name	Rationale for Selection as a Key Well
02S04E23N002S	Well No. 30	23N02	Long monitoring history. Northern portion of the northwestern Subbasin
02S04E28J001S	Well No. 35	28J01	Spatial coverage of the northwestern Subbasin
02S04E36D001S	Well No. 22	36D01	Long monitoring history. North central portion of the Subbasin
02S04E36K001S	Well No. 29	36K01	Long monitoring history. North central portion of the Subbasin
03S04E04P001S	PW2	4P01	Spatial coverage of the south portion of the northwestern Subbasin
03S04E11L004S	Well No. 31	11L04	South central part of the main Subbasin
03S04E12C001S	Well 3405	12C01	Long monitoring history. Near the center of the main Subbasin
03S05E15R001S	15R01	15R01	Southern end of the main Subbasin
03S05E17J001S	17J01	17J01	Long monitoring history. South central part of the main Subbasin

As of January 2022, the SGMA Portal Monitoring Network Module (MNM) replaced the California Statewide Groundwater Elevation Monitoring (CASGEM) program as the database for the SGMA groundwater well data and water level data. Data upload to CASGEM is no longer required for subbasins reporting to the SGMA Portal MNM.



View north from Edom Hill Road. High angle bedding in the older sediments of the Indio Hills

Key Well data were migrated or uploaded to the MNM. New water level data are uploaded to the MNM each year. For compliance with the SGMA, the well reference point elevations and ground surface elevations were converted from National Geodetic Vertical Datum of 1929 (NGVD29) to North American Vertical Datum of 1988 (NAVD88) using the software program VDatum, published by the National Oceanic and Atmospheric Administration (NOAA).[4] In 2023, CVWD resurveyed the elevation of its Key Wells to NAVD88 and used this datum to report its groundwater level data in the MNM beginning in WY 2022-2023. This annual report uses the new survey as the reference elevation for CVWD's Key Wells for both WY 2022-2023 and WY 2023-2024. MSWD resurveyed its Key Wells in 2024 and DWA also resurveyed its Key Well in 2024, however, the surveys were not available in time for the preparation of this annual report.

The groundwater elevations presented in this Annual Report represent the single aquifer identified as the Mission Creek Subbasin. Average groundwater levels for the water year (rather than groundwater levels from seasonal measurements) are presented because groundwater levels in the Mission Creek Subbasin do not exhibit strong seasonal trends. Significant groundwater level fluctuations, however, are observed near the Mission Creek GRF as proximal groundwater levels respond directly to replenishment water deliveries and have varied by more than 100 feet during periods of high replenishment. Groundwater levels also vary due to groundwater extraction near North Palm Springs. The remainder of the Mission Creek Subbasin typically experiences very little seasonal variation in groundwater levels.

Hydrographs of the Key Wells indicate that groundwater levels throughout the Mission Creek Subbasin have either increased, stabilized, or remained relatively constant since the commencement of the Groundwater Replenishment Program (GRP). The GRP, combined with other water management elements, including water conservation, is helping to control groundwater overdraft and maintain sustainable groundwater levels within the Mission Creek Subbasin.

ES.4 Groundwater Extraction

During WY 2023-2024, 13,341 AF of groundwater were extracted from 24 metered wells and minimal pumpers[5] in the Mission Creek Subbasin. Because CVWD and DWA are authorized to collect

[4] https://vdatum.noaa.gov/about/currentevents.html

[5] Minimal pumpers are groundwater pumpers who are not required to report production to CVWD (<25 AFY) or DWA (<10 AFY). As reported in the 2022 Alternative Plan Update, the amount of unmetered private well pumping in the Mission Creek Subbasin was estimated at approximately 480 AFY. This estimate agrees with previous estimates of approximately 500 AFY. Given the uncertainty in estimating this pumping, it is rounded to 500 AFY for WY 2023-2024.

replenishment assessment charges from groundwater producers, their respective legislations mandate the installation of water volume measuring devices on the wells of well owners that produce more than 25 acre-feet per year (AFY) in CVWD's service area and more than 10 AFY in DWA's service area. Approximately 90 percent of groundwater produced in the Mission Creek Subbasin is produced for urban water use, and the remaining approximately 10 percent of groundwater is produced for agricultural or industrial purposes or is from unmetered minimal pumpers with unknown uses.

ES.5 Surface Water Use

Precipitation in the Mission Creek Subbasin during WY 2023-2024 was estimated based on three precipitation stations within or near the Mission Creek Subbasin. Recorded precipitation included 3.56 inches (Edom Hill station), 4.16 inches (Desert Hot Springs station), and 11.39 inches (Whitewater North station). The 4.16 inches of recorded precipitation at the Desert Hot Springs station in WY 2023-2024 is less than the 63-year (water year) mean of 5.1 inches at that station. Data from the Desert Hot Springs station are used for long-term comparisons because it has a substantially longer period of record than other stations in the area.

Mission Creek is the only surface water body in the Mission Creek Subbasin that has been equipped with a stream gauge. There is no direct use of this stream flow or any other stream flow in the Mission Creek Subbasin. During the previous water year, flooding during Tropical Storm Hilary (August 2023) damaged the stream gauge. The gauge has not been repaired to date and thus there are no estimates of runoff for WY 2023-2024. The gauge is managed by the United State Geological Survey (USGS) in cooperation with Riverside County Flood Control and Water Conservation District (RCFCWCD). The Agencies are aware that USGS and RCFCWCD are in discussions to restore the stream gauge.

In addition to natural replenishment from precipitation and stream flow, the Mission Creek Subbasin receives artificial replenishment from imported water. CVWD and DWA have contracts with the CDWR for State Water Project (SWP) water that is exchanged with the Metropolitan Water District of Southern California (MWD) for a like amount of Colorado River water from MWD's Colorado River Aqueduct (SWP Exchange Water). CVWD and DWA have a combined Table A amount of 194,100 AFY, which includes 100,000 AFY transfer from MWD under the Agreement for Exchange and Advance Delivery of Water. This imported water has been used to recharge the Mission Creek Subbasin at the Mission Creek GRF since 2002. For WY 2023-2024, 5,432 AF of SWP Exchange Water was delivered to the Mission Creek GRF and recharged to the Mission Creek Subbasin.

There is no recycled water use in the Mission Creek Subbasin. However, the municipal wastewater generated in the Mission Creek Subbasin is treated and disposed of within the Mission Creek Subbasin by percolation/evaporation. In WY 2023-2024, a total of 2,353 AF of wastewater was treated, all of which was disposed by percolation/evaporation.

ES.6 Total Water Use

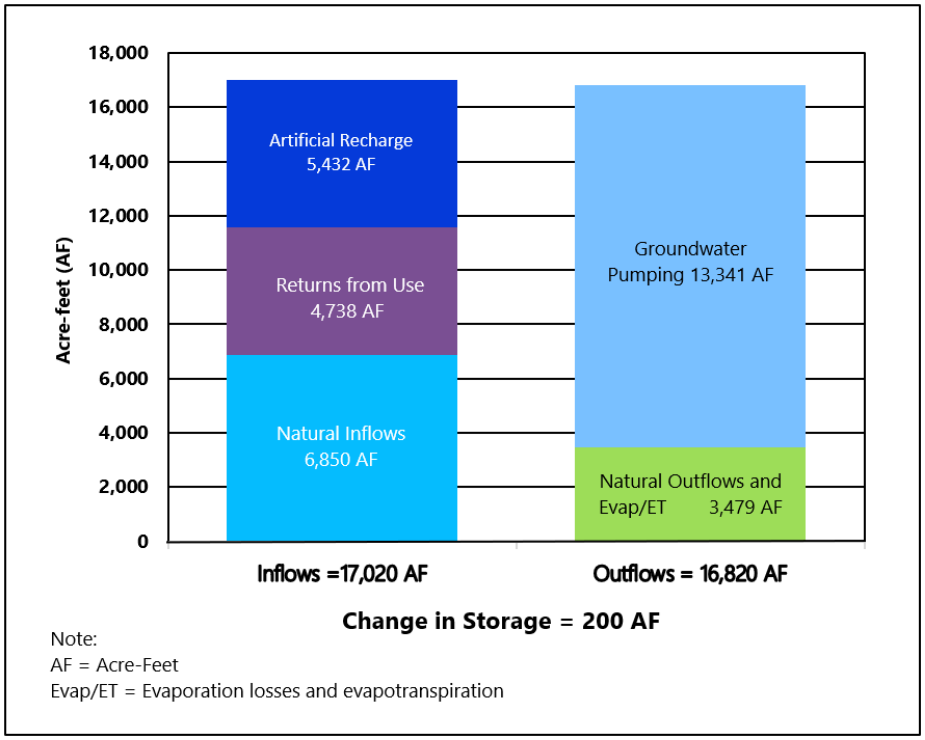
Total water use for this Annual Report is direct use of water in the Mission Creek Subbasin. Local surface water is not used in the Mission Creek Subbasin and SWP Exchange Water is only used to replenish the aquifer. Wastewater is not currently recycled for direct use, but a portion of the treated wastewater percolates as return flow. Groundwater production within the Mission Creek Subbasin amounted to 13,341 AF in WY 2023-2024. Additional groundwater production of 305 AF in the Garnet Hill Subarea of the Indio Subbasin was imported to partially meet MSWD's water demands in the Mission Creek subbasin.

Exports included -5,913 AF of groundwater to the Desert Hot Springs Subbasin by CVWD and MSWD to meet municipal demands. Accounting for these imports and exports, the total direct use for WY 2023-2024 within the Mission Creek Subbasin was 7,733 AF.

ES.7 Groundwater Balance and Change in Groundwater Storage

The groundwater balance for the Mission Creek Subbasin is a budget comparing the inflow components of groundwater into the Mission Creek Subbasin against the outflow components of groundwater out of the Mission Creek Subbasin during a specified period (typically one year). The difference between inflows and outflows for a given period is defined as the change in storage for that period. The groundwater balance for WY 2023-2024 is summarized on **Figure ES-2**.

Figure ES-2
Annual Groundwater Balance in the Mission Creek Subbasin - WY 2023-2024



The procedure for estimating natural recharge resulting from runoff and subsurface recharge at the mountain front, referred to as mountain-front recharge, was modified for the WY 2020-2021 Annual Report and subsequent annual reports. In previous Annual Reports, mountain-front recharge was based on a long-term average of mountain-front recharge calculated using results from a groundwater model (Psomas, 2013). For the WY 2020-2021, WY 2021-2022, WY 2022-2023, and this Annual Report, mountain-front recharge was estimated using the updated groundwater model for the Mission Creek Subbasin as documented in the 2022 Alternative Plan Update. The 25-year period from 1995 through 2019 was used to derive an average natural recharge for use in the groundwater balance. In addition, this

Annual Report uses the updated groundwater model to estimate evapotranspiration and underflow into and out of the Mission Creek Subbasin from adjacent subbasins based on the most recent model year (2019). Data from 2019 were used as estimates for evapotranspiration and outflow water balance components for this Annual Report because they are considered more representative of current conditions than long-term averages.

As shown on **Figure ES-2**, Mission Creek Subbasin inflows included 6,850 AF of natural inflows (e.g., mountain-front recharge, infiltration of surface water, and subsurface inflow from other basins), 4,738 AF of return flow from use (e.g., return from urban/ agriculture applications, percolation from septic tanks and wastewater treatment facilities), and 5,432 AF from artificial recharge of SWP Exchange Water at the Mission Creek GRF. The total inflow to the Mission Creek Subbasin in WY 2023-2024 was 17,020 AF.

The Mission Creek Subbasin outflows included 13,341 AF of groundwater pumping and 3,479 AF of natural outflows (i.e., subsurface outflow to adjacent subbasins, evapotranspiration, and evaporative losses). The total outflow from the Mission Creek Subbasin in WY 2023-2024 was 16,820 AF. A comparison of the Mission Creek Subbasin inflows and outflows for WY 2023-2024 indicates an annual increase in groundwater storage of 200 AF.

Based on the nine Key Wells and nine supplemental agency monitoring wells with water level data from WY 2022-2023 and WY 2023-2024, change in water levels ranged from 12.7 feet of increase south of the Mission Creek GRF to 3.8 feet of decrease in the central north part of the Mission Creek Subbasin. The increase in the water levels near the Mission Creek GRF appears to result from increased recharge efforts at the end of the previous and current water years. Excluding the area near the Mission Creek GRF, average annual groundwater levels decreased slightly (an overall average decrease of about 1 foot) compared to WY 2022-2023.

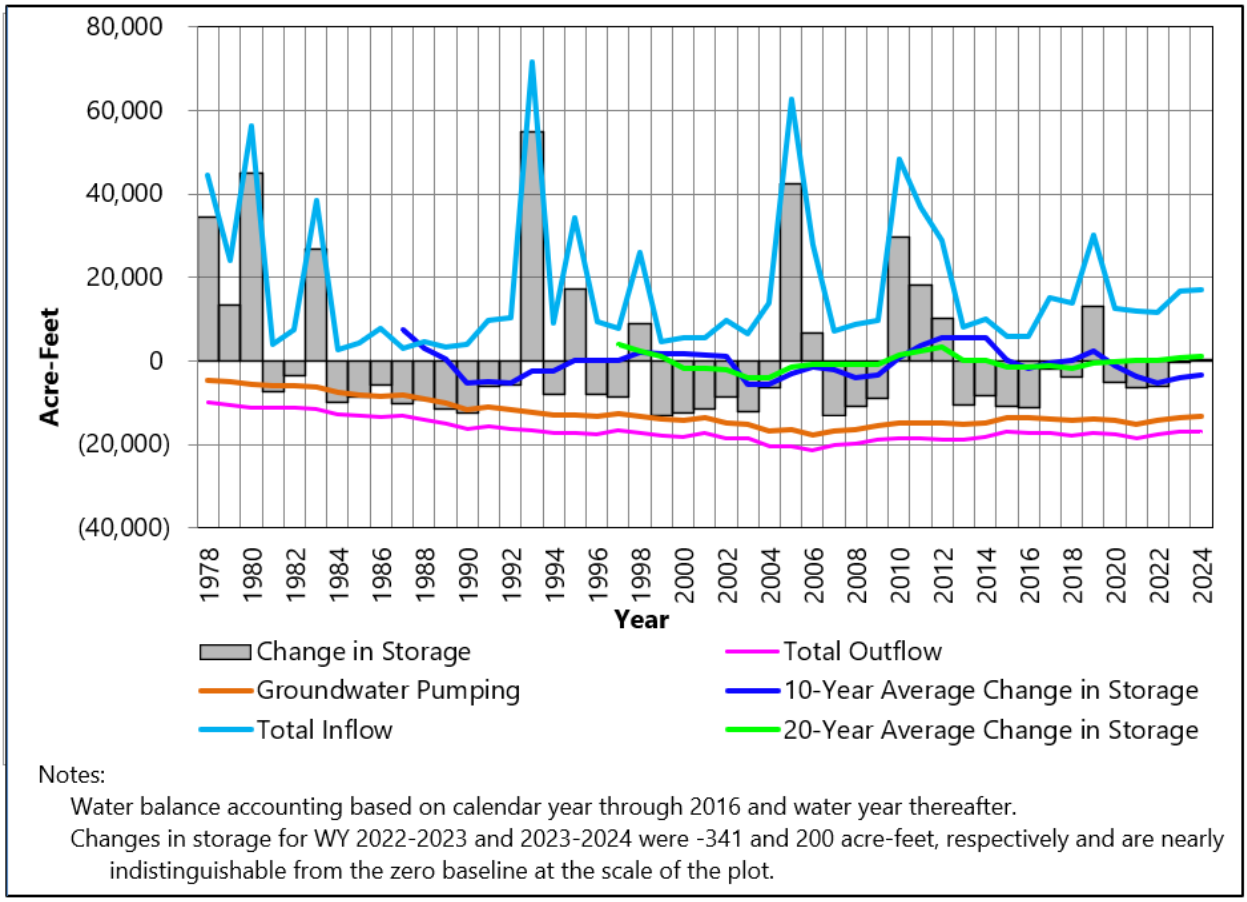
Beginning with the WY 2021-2022 Annual Report, a 10-year change in groundwater levels was replaced with a change in groundwater levels since WY 2008-2009. This comparison of current water levels to WY 2008-2009 is directly relevant to the SGMA sustainable management criteria described in Section 8. The change in groundwater levels observed in the 14 wells with groundwater level data in both WY 2008-2009 and WY 2023-2024 within the Mission Creek Subbasin ranged from approximately 15.7 feet of increase in the north-central part of the Subbasin, 27.5 feet of decrease in the Mission Creek GRF area of the Subbasin, and an overall average increase of 4.9 feet across the Mission Creek Subbasin. Eliminating the localized declines near the Mission Creek GRF that result from temporary elevated water levels associated with high artificial recharge in 2005 and 2006, the average change in groundwater levels since WY 2008-2009 in the remaining 12 wells across the Mission Creek Subbasin is an increase of approximately 10.1 feet. The rise in groundwater levels through much of the Mission Creek Subbasin results from a reduction in groundwater pumping and the initiation of groundwater replenishment in 2002.

Figure ES-3 shows annual inflows, outflows, groundwater production, and 10-year and 20-year running average changes in groundwater storage in the Mission Creek Subbasin based on the updated Mission Creek Subbasin groundwater model water balance documented in the 2022 Alternative Plan Update and water balance information provided in the Mission Creek Subbasin annual reports starting in WY 2019-2020. The Mission Creek Subbasin inflows vary significantly from year to year due to the variability in mountain-front recharge and imported water replenishment deliveries. Replenishment

activities vary annually in response to imported water availability. In the last five water years, replenishment ranged from zero AF in WY 2021-2022 to 5,432 AF in WY 2023-2024 and averaging approximately 2,495 AFY.

Years of high inflows correspond to wet years and high mountain-front recharge and/or when increased SWP deliveries occurred. Both the 10- and 20-year running average changes in groundwater storage have been relatively stable. The longer-term 20-year running average shows that the Mission Creek Subbasin has been in balance (i.e., no appreciable net change in storage) since 2013 and in balance or slightly positive since 2006.

Figure ES-3
Historical Annual Change in Groundwater Storage in the Mission Creek Subbasin



Notes:
Water balance accounting based on calendar year through 2016 and water year thereafter.
Changes in storage for WY 2022-2023 and 2023-2024 were -341 and 200 acre-feet, respectively and are nearly indistinguishable from the zero baseline at the scale of the plot.

ES.8 Sustainable Management Criteria

The SGMA defines sustainable groundwater management as the management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing undesirable results. The Agencies recognize that establishing metrics to avoid undesirable results and maintain sustainability is a valuable tool in groundwater management, and incorporated SGMA Sustainable Management Criteria into the 2022 Alternative Plan Update to guide water resources

management in the Mission Creek Subbasin. The four Sustainability Indicators considered relevant to the Mission Creek Subbasin include: chronic lowering of groundwater levels, reduction of groundwater storage, degraded water quality, and land subsidence, as discussed in the following subsections.

Chronic Lowering of Groundwater Levels

The Mission Creek Subbasin has met its sustainability objective for WY 2023-2024 groundwater levels. A review of WY 2023-2024 Key Well water levels and the sustainability criteria for chronic lowering of groundwater levels indicated that all the Key Wells were above the thresholds established for sustainability (i.e., the Minimum Threshold). All but one well was above the level established as the desired objective for maintaining groundwater levels (i.e., the Measurable Objective) at or above 2009 groundwater levels in the Mission Creek Subbasin.

Well 03S04E04P001S (4P01) experienced the fourth year of decline in water levels below the Measurable Objective. Water levels in this well fell below the Measurable Objective in WY 2020-2021, WY 2021-2022, and WY 2022-2023 by 0.6, 2.6, and 5.4 feet, respectively, based on the lowest water level measurement in this well during the water year. For WY 2023-2024, the lowest water level measurement for Well 4P01 was 7.6 feet below the Measurable Objective. Water levels in this well remained above the Minimum Threshold. As described in the 2022 Alternative Plan Update, the Measurable Objective and Minimum Threshold for Well 4P01 are considered provisional because of limited historical groundwater level data for this well. Current and historical groundwater level data for this and other wells will be reviewed, and an adjustment for the provisional Measurable Objective and Minimum Threshold for this well will be considered in future 5-year Alternative Plan Updates or Annual Reports, if appropriate.

Reduction of Groundwater in Storage

The Mission Creek Subbasin has met its sustainability objective for groundwater storage for WY 2023-2024. Because the Mission Creek Subbasin consists of a single aquifer laterally and vertically, groundwater storage is directly related to groundwater levels for the Subbasin. The Measurable Objective (702.8 feet NAVD88)[6] and Minimum Threshold (694.4 feet NAVD88) for groundwater storage are based on the average of the groundwater level Measurable Objectives and Minimum Thresholds for the nine Key Wells.[7] The average water level in the Mission Creek Subbasin in WY 2023-2024 was 710.8 feet NGVD88, which is 8 feet above the Measurable Objective for groundwater storage and 16.4 feet above the Minimum Threshold for groundwater storage.

Land Subsidence

Neither land subsidence nor impacts to structures potentially caused by subsidence have been identified historically in the Mission Creek Subbasin. There are no indications that ground level subsidence occurred in the Mission Creek Subbasin in WY 2023-2024 and water levels remain above the level where subsidence may be considered a potential concern (i.e., groundwater level Minimum Thresholds). Geologic conditions of generally coarse-grained sediments and lack of thick, laterally extensive fine-grained sediments in the Mission Creek Subbasin aquifer reduce the likelihood of land subsidence.

[6] NAVD88 = North American Vertical Datum of 1988.

[7] The Measurable Objective and Minimum Threshold have changed slightly to a resurvey of three CVWD wells. The resurvey does not impact the sustainability criteria because groundwater elevations at the resurveyed wells are also reported relative to the new surveyed elevations.

Although land subsidence has not been observed in the Mission Creek Subbasin, it can potentially result in significant and unreasonable conditions. Land subsidence is most likely to occur if groundwater levels are lowered significantly below their historically low levels (i.e., under conditions of maximum reconsolidation stress). Consequently, Minimum Thresholds for groundwater levels in the Key Wells are used as a screening level for the potential of land subsidence. Groundwater levels are well above their Minimum Thresholds and, therefore, do not indicate a likely risk of land subsidence.

To further assess the potential presence of land subsidence in the Mission Creek Subbasin, ground-level displacement monitoring by the CDWR was reviewed for the full length of the approximately eight-year monitoring period available for this technology (June 2015 to October 2024) and the most recent annual record of vertical ground-level displacement (October 2023 to October 2024). With the exception of a localized area of ground level decline in the vicinity of the former Edom Hill Landfill from the settlement of the landfill, only a relatively small magnitude of downward vertical ground level change (up to a potential maximum of 0.1 feet) was observed. Based on this and a lack of a clear trend of increasing vertical downward displacement over the period of monitoring, permanent land subsidence attributed to groundwater withdrawal is not apparent in the Mission Creek Subbasin.

In addition to reviewing the CDWR information on subsidence in the Mission Creek Subbasin, the Agencies have engaged the United States Geological Survey (USGS) to study land subsidence in the Mission Creek Subbasin. The USGS initiated this study in 2021. In WY 2023-2024, three new benchmarks were constructed in the Mission Creek Subbasin and high-precision global positioning system (GPS) measurements were taken at the new benchmarks. The USGS continued to work on analyzing measurements and groundwater levels, with a final study report expected in 2025.

Degraded Water Quality

The Mission Creek Subbasin has met its sustainability objectives for water quality for WY 2023-2024. The 2022 Alternative Plan Update identified two constituents of concern (COCs) for water quality degradation based on historical water quality and the potential for future water quality degradation, including naturally occurring uranium and nitrate. The Minimum Thresholds for uranium and nitrate were set at the California drinking water maximum contaminant levels (MCLs) established by the State Water Resources Control Board (SWRCB) at drinking water supply wells. A review of water quality data for water supply wells in the Mission Creek Subbasin did not identify any exceedances of the MCL for nitrate (eleven wells were tested during the water year) or for uranium (eight wells were tested during the water year). Uranium has not been detected above its MCL in active water supply wells in more than five years.

Total dissolved solids (TDS) was also identified as a potential COC. TDS is currently being evaluated through the update of the Coachella Valley Salt and Nutrient Management Plan (CV-SNMP). The CV-SNMP Agencies – which include CVWD, Coachella Water Authority (CWA)/Coachella Sanitary District, City of Palm Springs, DWA, Indio Water Authority (IWA), MSWD, Myoma Dunes Mutual Water Company, and Valley Sanitary District – prepared a workplan entitled "*Workplan to Develop the Coachella Valley Salt and Nutrient Management Plan*" (Development Workplan, West Yost, 2021) that was submitted to the Colorado River Basin Regional Water Quality Control Board (RWQCB) in September 2021 and approved in October 2021. The Development Workplan outlines the steps and schedule to update the CV-SNMP, with scheduled completion by March 2027. The objective of the CV-SNMP is to sustainably manage salt and nutrient loading in the Coachella Valley Groundwater Basin in a manner that protects beneficial uses of

groundwater. When completed, the update to the CV-SNMP will provide a basis for establishing Measurable Objectives and Minimum Thresholds for TDS within the Mission Creek Subbasin.

The Development Workplan was required to include a groundwater monitoring workplan with an enhanced monitoring network, identification of data gaps, and a plan to fill the gaps. The CV-SNMP Agencies submitted this workplan entitled "*Groundwater Monitoring Program Workplan*" (Groundwater Monitoring Workplan) to the RWQCB in December 2020 (West Yost, 2020), and the RWQCB approved this workplan in February 2021. The Groundwater Monitoring Workplan outlines an expanded groundwater monitoring program that will sufficiently determine whether concentrations of TDS and nitrogen (nitrogen occurring primarily as nitrate) (collectively TDS/N) in groundwater are consistent with water quality objectives. The CV-SNMP Agencies initiated work on the CV-SNMP Groundwater Monitoring Workplan in 2021. A general application for the California Department of Water Resources Technical Support Services (DWR TSS) program to construct wells to fill monitoring data gaps identified in the Groundwater Monitoring Workplan was approved. Well service request forms were submitted to the TSS program and approved for monitoring wells at several sites in the Mission Creek Subbasin. CDWR began construction of the monitoring wells in 2024, including completion of the first monitoring well in June 2024. Agencies continue to coordinate with CDWR on construction of the remaining monitoring wells which are scheduled for completion in 2025. The CV-SNMP Agencies submitted the third annual progress report on the implementation of the Groundwater Monitoring Workplan to the RWQCB in March 2024.

In addition, the CV-SNMP Agencies' consultant held the second Community Workshop on December 11, 2024, to walk through the technical memorandums completed and in progress. The CV-SNMP Agencies' consultant completed Technical Memorandum (TM) #1, Characterize TDS/N Mass Loading in the Coachella Valley Groundwater Basin (West Yost, 2023). Drafts of TM #2 - Characterize Current Groundwater Quality and TM #4 - Develop Technical Approach for Forecasting TDS/N Concentrations in Groundwater were both published for public review. The public review period for review of these documents ended on November 4, 2024. The final versions of TM #2 and TM #4 will be published in early 2025. The technical team began work to develop the draft TM #3 for delineating draft management zones and describing metrics to characterize beneficial use protection in coordination with the Steering Committee, Technical Advisory Committee (TAC), and RWQCB. The technical team also began work on draft TM #5 for constructing TDS/N forecasting tools and evaluating the baseline management scenario.

ES.9 Summary of Project and Management Actions and Description of Progress

Progress in achieving the sustainability goals described in the 2022 Alternative Plan Update for the Mission Creek Subbasin is summarized below for selected project and management actions (PMAs).

Water Conservation

- The Agencies continue to collaborate on regional conservation messaging through CV Water Counts (www.CVWaterCounts.com), originally funded with California Department of Water Resources (CDWR) Proposition 84 grant funding and currently sustained by local water agencies. The group has a web and social media presence in addition to an ongoing advertising campaign. The group also holds an annual Water Counts Academy to educate community members and leaders about key water issues. The Agencies continued education and outreach to encourage water use efficiency by urban water users, indoor and outdoor incentive programs, ordinances

and conservation pricing, water loss management, and conservation staff support.
In WY 2023-2024, Coachella Valley Water District (CVWD) completed construction on a new demonstration garden at its Palm Desert office location. CVWD launched a grant-funded turf conversion program available to the more than 100 golf courses located within CVWD's service area. Desert Water Agency (DWA) continued implementing its indoor and outdoor incentive programs. Mission Springs Water District (MSWD) expanded its rebate offerings, adding incentives for smart controllers, replacement rebates for inefficient clothes washers and toilets, while maintaining its turf removal programs.

- The Agencies (along with Coachella Water Authority [CWA], Indio Water Authority [IWA], and Myoma Dunes Water Company) participated in preparing the 2020 Coachella Valley Regional Urban Water Management Plan (2020 CV-RUWMP) that was submitted to and approved by CDWR. The CV-RUWMP provides detailed descriptions of the Agencies' water conservation programs and demonstrates that each agency achieved greater than 20 percent reduction in urban water use by 2020, in compliance with the Water Conservation Act of 2009 Senate Bill X7-7 (SB X7-7). The Agencies continue to implement demand management measures (DMMs) and will track the effectiveness of water conservation efforts during future updates of the 2020 CV-RUWMP. Work on the next 5-year CV-RUWMP will begin in 2025.
- The 2020 CV-RUWMP that was recently completed and adopted includes standalone Water Shortage Contingency Plans (WSCPs) for each of the Agencies. The WSCPs contain Annual Water Supply and Demand Assessment procedures, defines six standard shortage levels from less than 10 percent shortage up to greater than 50 percent shortage, and identifies shortage response actions including demand reduction actions and mandatory use restrictions and supply augmentation as well as communication protocols for implementing the WSCPs.
  In WY 2023-2024, the Agencies remained in Level 1 of the Water Shortage Contingency Plan during WY 2023-2024. Agencies continued to monitor water supplies and operational changes that could alleviate any future water shortages.
- In 2023, the Agencies submitted a request and received grant funding for the Regional Conservation Study. Work on the study, identified as The Coachella Valley Regional Urban Water Management Group (CVRWMG) Regional Conservation Study, continued through WY 2023-2024, and the final study and supplemental documents were issued in October 2024.

Water Supply

- CVWD and DWA have the authority to operate imported water replenishment in the Coachella Valley. Imported water replenishment operations will deliver as much imported water to the Coachella Valley as possible, given the constraints of the SWP contracts and delivery and MWD Colorado River Aqueduct (CRA) operations. During WY 2023-2024, 5,432 AF of recharge occurred at the Mission Creek GRF.
- MSWD completed construction of the Regional Water Reclamation Facility (RWRF), where the recycled water will be tertiary treated and can be used for groundwater recharge or for non-potable reuse for irrigation of parks, golf courses, schools, resorts, homeowners' associations, agricultural uses, etc. Using recycled water for non-potable uses would provide in-lieu groundwater replenishment by source substitution. Plant operation will begin in early 2025.

- CVWD and DWA continue to invest in long-term, statewide water projects. CVWD and DWA continued participation in the Delta Conveyance Project (DCP). On December 8, 2023, the CDWR released the Final EIR for the DCP to comply with the requirements of CEQA. CDWR approved the project and certified the Final EIR on December 21, 2023. In 2024, DWR continued work on CEQA/NEPA compliance, permitting and other environmental processes associated with the DCP project, and submitted a Change in Point of Diversion (CPOD) Petition to the State Water Resources Control Board. In April, DWR applied to the California Department of Fish and Wildlife for an Incidental Take Permit. In May 2024, an updated project cost estimate of $20.12 billion was released, along with a new cost-benefit analysis. CDWR requested an additional interim funding of $300 million for pre-construction activities for calendar years 2026 and 2027. In 2024, CDWR and the Delta Conveyance Authority continued with the community benefit programs, tribal outreach and engagement, and educational workshops.
- CVWD and DWA are participating in the Lake Perris Seepage Recovery Project led by MWD. This project will collect and distribute SWP water seeping under the Lake Perris Dam for delivery to MWD in addition to its current allocated Table A water. The project consists of installing an integrated recovery well system that would include up to six new seepage recovery wells downgradient from the face of the Lake Perris Dam and a conveyance pipeline connecting the wells to MWD's Colorado River Aqueduct (CRA). CVWD and DWA were invited to partner in the project with MWD, and the parties signed an agreement with CDWR in 2021 to fund environmental analysis, planning, and preliminary design. The project is estimated to recover approximately 7,500 AFY, with approximately 2,750 AFY for delivery to CVWD and DWA, and a portion of this water will be allocated to the Mission Creek Subbasin. This project is estimated to deliver 233 AFY of water to the Mission Creek GRF in 2027 increasing to approximately 268 AFY by 2045. The project is proceeding as planned, and the Draft Environmental Impact Report (EIR) was released in May 2021 for public comments. Currently, the CDWR is continuing to perform geotechnical modeling for the project and expects to begin construction in WY 2024-2025.
- The Sites Project Authority is developing the Sites Reservoir Project to capture and store excess water from snowmelt and winter runoff from the Sacramento River for use during dry periods. The Sites Reservoir will be in the Sacramento Valley. The project is considered "off-stream," i.e., it will not dam or impede the Sacramento River or other streams. The Sites Reservoir will operate with other California reservoirs to increase water supply reliability and resiliency. In 2019, CVWD and DWA entered into an agreement with the Sites Project Authority for the next phase of planning for the Sites Reservoir (Sites Project Authority 2019; 2020). In 2022, CVWD's and DWA's Board of Directors authorized funding for Phase 2 Amendment 3 to the 2019 Sites Reservoir Project Agreement for 2022, 2023, and 2024. CVWD and DWA are participating members at 10,000 AFY (5.2%) and 6,500 AFY (3.4%) levels, respectively. Assuming a 30 percent conveyance loss, CVWD and DWA anticipate an average delivery of 11,550 AFY of Sites Reservoir water beginning in 2035. The portion of the Sites Reservoir Project estimated to be delivered to the Mission Creek Subbasin is 1,124 AFY beginning in 2035. In 2024, the Sites project was awarded over $200 million in federal grant funding from the WIIN Act and over $60 million in federal funding from the Department of the Interior. The Sites Project Authority continued work on permitting with SWRCB and ACOE, and in general throughout 2024, efforts continued with planning and coordination of engineering activities, environmental permitting, modelling, and

community outreach and engagement. In August 2024, the Sites Reservoir Project water rights hearing began and is expected to continue through at least January 2025. In October 2024, the first land acquisition associated with the project was completed and the California Department of Fish and Wildlife issued an Incidental Take Permit for the project's construction and operations.

Water Quality Protection

- MSWD's Groundwater Quality Protection Program (GQPP), a septic to sewer program, is ongoing and completion is subject to available funding. MSWD Assessment District (AD) 15 and AD-18 will support septic to sewer conversions by providing local funding to match with grant funding opportunities. MSWD has completed the conversion of septic to sewer in five previous ADs. MSWD plans to begin construction of the AD-15 project in 2025. Additionally, MSWD has begun design for the final two subareas in AD-18, Subareas A and G. Finally, MSWD was awarded grant funding to complete the construction of AD-18 Subarea D3 through Proposition 1, Round 2. MSWD plans to begin construction of the Subarea D3 project in 2025.
- In anticipation of meeting future treatment and recharge needs, MSWD completed construction of the RWRF in 2024. The RWRF will treat wastewater flows to secondary levels including nitrification and denitrification. Located in the Garnet Hill Subarea of the Indio Subbasin, the RWRF will divert some wastewater flows from existing wastewater treatment plants in the Mission Creek Subbasin, nearing their permitted capacity. The RWRF will start receiving flow in early 2025 and is projected to reach 1.50 million gallons per day (mgd) treatment capacity by approximately 2030. Wastewater flows will be from existing sewer customers and from the septic to sewer conversions in the Desert Hot Springs Subbasin, the Mission Creek Subbasin, and the Garnet Hill Subarea of the Indio Subbasin.
- The RWQCB approved the CV-SNMP Development Workplan in October 2021. The Development Workplan outlines the steps and schedule to update the CV-SNMP, with scheduled completion by March 2027. CVWD, DWA, and MSWD, along with the other CV-SNMP Agencies, began implementing the Development Workplan in 2022. The steps in the Development Workplan include conducting public outreach and creating a technical advisory committee, characterizing current groundwater quality and salt loading, developing TDS/N forecasting methodologies, completing forecasting for multiple scenarios, selecting a preferred management scenario, establishing management zones, and recommending TDS objectives. During WY 2023-2024, CV-SNMP Agencies continued to implement the Development Workplan tasks including maintaining the project website (cvsnmp.com) as well as completing work and publishing the final Technical Memorandum (TM) #1 – Characterize TDS/N Mass Loading to the Coachella Valley Groundwater Basin (West Yost, 2023). Drafts of TM #2 - Characterize Current Groundwater Quality and TM #4 - Develop Technical Approach for Forecasting TDS/N Concentrations in Groundwater were both published for public review. The public review period for these documents ended on November 4, 2024. The final versions of TM #2 and #4 will be published in early 2025. The technical team began work to develop the draft TM #3 for delineating draft management zones and describing metrics to characterize beneficial use protection in coordination with the Steering Committee, TAC, and RWQCB. Draft TM #3 is anticipated for public review in early 2025. The second community workshop was held on December 11, 2024, and included a high-level overview of TMs # 1, 2, and 4 along with a walkthrough of the

components of TM #3. The technical team began work on draft TM #5 for constructing TDS/N forecasting tools and evaluating the baseline scenario.

- The Groundwater Monitoring Workplan was designed to gather data in support of the CV-SNMP and includes the installation of new monitoring wells in the Mission Creek Subbasin to address data gaps in the SNMP monitoring program. CDWR began construction of the monitoring wells in 2024, including completion of the first monitoring well in June 2024. Agencies continue to coordinate with CDWR on construction of the remaining monitoring wells which are scheduled for completion in 2025. CV-SNMP Agencies submitted the third annual progress report and data of the first triennial monitoring cycle to the RWQCB in March 2024, which was the final report of the first triennial monitoring cycle. The CV-SNMP Agencies will initiate the second triennial monitoring of the existing network beginning in 2024. Monitoring of the network wells is ongoing. The Agencies signed a data sharing memorandum of understanding (MOU) with the Agua Caliente Band of Cahuilla Indians for monitoring of three wells on Trust land.

SGMA Implementation

- The Agencies have engaged the United States Geological Survey (USGS) to conduct a more detailed evaluation of the potential for subsidence in the Mission Creek Subbasin. The status of existing benchmarks in the Mission Creek Subbasin and the locations for three additional benchmarks were identified. The USGS continued to work on analyzing measurements and groundwater levels with a final study report expected in 2025.
- The first 5-year Alternative Plan Update was completed in November 2021 as part of the 5-year periodic review of the Alternative Plan and was submitted to the CDWR in December 2021. The next 5-year periodic review and Alternative Plan Update is due to the CDWR on January 1, 2027. Future Alternative Plan Updates will evaluate groundwater conditions and the status of PMAs to determine whether the Sustainable Management Criteria and the project and management actions are meeting the sustainability goals of the Mission Creek Subbasin. In addition to meeting the SGMA requirements, the Agencies identified some other key areas requiring periodic review including evaluation of demand projections, imported water supply reliability, and update of the groundwater model and model forecasts. In WY 2023-2024, the Agencies initiated discussion on the next 5-year periodic review to be submitted to CDWR by January 1, 2027.

Well Management

- The Agencies continue to work with Riverside County Department of Environmental Health (RCDEH) so that any new wells are constructed to current standards, artesian flow management policies are followed, and any existing wells that could be negatively impacting groundwater quality are retrofitted, properly capped, or destroyed. In WY 2023-2024, the Agencies continued to review permit applications for new wells and alteration of existing wells for compliance with the Governor's Executive Order N-3-23. This order requires verification from the Groundwater Sustainability Agency (GSA) that the proposed well location is generally consistent (not inconsistent) with the Alternative Plan Update and will not decrease the likelihood of achieving the sustainability goals that the GSAs have developed under the SGMA. The provision of Executive Order N-3-23 requiring GSAs to review proposed well locations was rescinded on September 5, 2024, through the Governor's Executive Order N-3-24.

- The Agencies may develop a well inventory for the Mission Creek Subbasin that will identify and compile information about de minimis production wells located within the Subbasin. CVWD is evaluating this effort, with DWA participating at its discretion. The well inventory would involve the development of a well registry. The well inventory would support any expansion or refinement of the monitoring network, allow improvement of groundwater extraction estimates, and improve the understanding of how private wells may affect Mission Creek Subbasin conditions and how basin management may affect private wells in the future.
- CVWD and DWA deferred expansion of groundwater extraction reporting to include groundwater pumpers that produce less than the current assessment thresholds but more than the de minimis threshold of 2 AFY or less established by the SGMA. CVWD and DWA may pursue this PMA in the future.

Adaptive Management

- The Agencies identified a management strategy in the 2022 Alternative Plan Update that continues the existing Mission Creek Subbasin Management Committee structure, consisting of quarterly meetings with the General Managers from each agency.
- The Agencies have developed an adaptive management approach that includes monitoring management progress towards maintaining sustainability and adjusting these management procedures as needed. The adaptive management process consists of the following steps: 1) Planning, 2) Implementation, 3) Monitoring, 4) Analysis, and 5) Modification.

Section 1 - Introduction

On behalf of the Coachella Valley Water District (CVWD), Desert Water Agency (DWA), and Mission Springs Water District (MSWD) (collectively the Agencies), WSP USA Inc. (WSP) has prepared this Mission Creek Subbasin Annual Report for Water Year (WY) 2023-2024 (Annual Report) in accordance with the annual reporting requirements of the Sustainable Groundwater Management Act (SGMA). This report summarizes groundwater conditions and the status of implementation of projects and management actions in the Mission Creek Subbasin (also referred to as the Subbasin) for WY 2023-2024 (October 1, 2023, to September 30, 2024).

1.1 Report Organization

Section 1 –Introduction, summarizes the report organization, background as related to the SGMA, and the approach the Agencies are taking to comply with the SGMA.

Section 2 – Coachella Valley Groundwater Basin Setting, provides an overview of the Coachella Valley Groundwater Basin, its component subbasins and subareas, and the regional geology of the Mission Creek Subbasin. In addition, this section provides information on the physiography, climate, geology, hydrogeologic conceptual model, and groundwater management of the Mission Creek Subbasin.

Section 3 – Groundwater Elevation Data, describes the sources of groundwater level data and provides a groundwater elevation contour map and hydrographs of groundwater levels over time.

Section 4 – Groundwater Extraction, summarizes groundwater extraction by volume, area, and water use sectors.

Section 5 – Surface Water, summarizes the various surface water and surface water-related components in the Mission Creek Subbasin, including precipitation, stream flow, imported water delivery for direct groundwater replenishment, and wastewater treatment and disposal during the water year. This section also includes a description of contracts with the California Department of Water Resources (CDWR) and Metropolitan Water District of Southern California (MWD) for access and availability of imported water for replenishment of the Mission Creek Subbasin.

Section 6 – Total Water Use, provides a summary of the total water use by water use sector and source.

Section 7 – Groundwater Balance and Change in Groundwater Storage, provides the estimated groundwater balance and change in storage for the Mission Creek Subbasin.

Section 8 – Sustainable Management Criteria, provides a summary of the Sustainable Management Criteria for groundwater levels, groundwater storage, subsidence, and groundwater quality identified in the Mission Creek Subbasin Alternative Plan Update (2022 Alternative Plan Update [Wood[8] and Kennedy Jenks, 2021]), and compares the WY 2023-2024 conditions to these criteria.

[8] WSP Global Inc. acquired Wood Environment & Infrastructure Solutions, Inc. (Wood) in September 2022 forming WSP Environment & Infrastructure Inc. In January 2025, WSP Environment & Infrastructure Inc. merged with WSP USA Inc.

Section 9 – Summary of Projects and Management Actions and Description of Progress, provides a summary of objectives met, and progress towards achieving the water management objectives outlined in the 2022 Alternative Plan Update.

Section 10 – References, provides references for this report.

1.2 Implementation of the Sustainable Groundwater Management Act

In 2014, faced with declining groundwater levels (most notably in California's Central Valley), the California Legislature enacted the SGMA, which was intended to provide a framework for the sustainable management of groundwater resources throughout California, primarily by local authorities. The SGMA consisted of three bills, Assembly Bill (AB) 1739 (Dickinson), Senate Bill (SB) 1168 (Pavley), and SB 1319 (Pavley), and was signed into law by Governor Brown on September 16, 2014.

The SGMA required local authorities to form local Groundwater Sustainability Agencies (GSAs) by June 30, 2017, to evaluate conditions in local groundwater basins and adopt locally-based Groundwater Sustainability Plans (GSPs) tailored to their regional economic and environmental needs. The SGMA allows a 20-year time frame for GSAs to implement their GSPs and achieve long-term groundwater sustainability. It protects existing water rights and does not affect current drought response measures. The SGMA provides local GSAs with tools and authority to:

- Monitor and manage groundwater levels and quality.
- Monitor and manage inelastic land subsidence and changes in surface water flow and surface water quality that directly affect groundwater levels or quality or are caused by groundwater extraction.
- Require registration of groundwater wells.
- Require reporting of annual groundwater extractions.
- Require reporting of surface water diversions to underground storage.
- Impose limits on extractions from individual wells.
- Assess fees to implement local GSPs or Alternative Plans.
- Request revisions of basin boundaries, including establishing new subbasins.

The CDWR developed the California Statewide Groundwater Elevation Monitoring (CASGEM) program to track seasonal and long-term trends in groundwater elevations in California's groundwater basins. Through its CASGEM program, the CDWR ranked the priority of all 515 groundwater basins and subbasins in California as very low, low, medium, or high.

In addition, the CDWR, as required by the SGMA, identified the basins and subbasins that are in conditions of critical overdraft. Twenty-one basins and subbasins in California were identified as critically overdrafted basins. None of the subbasins in the Coachella Valley Groundwater Basin (including the Mission Creek Subbasin) were listed as critically overdrafted.

The Coachella Valley Groundwater Basin has been divided into four (4) subbasins by the CDWR in California Bulletin 108 (1964) and Bulletin 118 (2003): they are the Indio, Mission Creek, San Gorgonio

Pass, and Desert Hot Springs Subbasins. The Indio,[9] Mission Creek, and San Gorgonio Pass Subbasins have been designated medium-priority subbasins under the SGMA, and the Desert Hot Springs Subbasin has been designated a very low-priority subbasin.

GSAs responsible for high-priority and medium-priority basins and subbasins were required to have adopted GSPs by January 31, 2020, for critically overdrafted basins, and by January 31, 2022, for those not currently in critical overdraft. GSAs may adopt a single GSP covering an entire basin or combine several GSPs created by multiple GSAs. Sustainability must be achieved within 20 years after the adoption of the GSP for all high-priority and medium-priority basins. GSAs that elect to submit an Alternative to a GSP (Alternative Plan), rather than prepare a GSP in accordance with Water Code §10727 et seq., were required to do so by January 1, 2017, with updates every five years thereafter. The State Water Resources Control Board (SWRCB) is empowered to intervene if local agencies fail to form GSAs or adopt their GSPs or Alternative Plans on schedule.

1.2.1 Formation of GSAs by Local Agencies

Three separate entities filed Notices of Election with the CDWR to become GSAs to manage the Mission Creek Subbasin of the Coachella Valley Groundwater Basin within their respective service areas:

- **CVWD** – submitted its notice of election for the portion of the Mission Creek Subbasin within its boundaries (CVWD, 2015) and was approved by the CDWR as an exclusive GSA to manage the Mission Creek Subbasin within that area of the Mission Creek Subbasin.
- **DWA** – submitted its notice of election for a large portion of the Mission Creek Subbasin, which includes a large area also located within the boundaries of MSWD. The CDWR designated DWA as an exclusive GSA for all portions of the Mission Creek Subbasin located within DWA's boundaries, including those portions also located within MSWD boundaries.
- **MSWD** – submitted a notice of election for the portion of the Mission Creek Subbasin located within its boundaries, and this notice of election was rejected by the CDWR because it included areas also located within DWA's boundaries. MSWD later filed an amended notice of election for a three-square mile area included by DWA in its notice of election but not within DWA's boundaries. MSWD's amended notice of election was filed without prejudice to its initial notice of election (MSWD, 2016). The CDWR designated the three-square mile area as "overlap" with DWA and MSWD. MSWD's initial notice of election, and DWA's claim of "exclusive" status over MSWD's service area was the subject of litigation, known as *Mission Springs Water District v. Desert Water Agency, et al.*, Riverside County Superior Court, Case No. PSC 1600676. The trial court ruled in favor of DWA on the writ of mandate, and MSWD filed its Notice of Appeal on June 24, 2022, in the Fourth District, Division 2 of the Court of Appeal, App. Case No. E079256. The California Court of Appeal ruled in favor of DWA in late 2023. The California Supreme Court on July 10, 2024, declined to review the appeal submitted by MSWD.

Several small portions of the Mission Creek Subbasin lie outside the boundaries of the GSAs. These fringe areas are located in San Bernardino County and are not included within the boundaries of a local water

[9] The Indio Subbasin is also identified as the Whitewater River Subbasin by the United States Geological Survey (USGS, 1980). However, the subbasin is identified as the Indio Subbasin in CDWR Bulletin 108 (1964) and Bulletin 118 (2003). For continuity, this Annual Report will identify the subbasin as the Indio Subbasin.

district. Portions of this fringe area are located within designated U. S. Forest Service or U. S. Bureau of Land Management wilderness areas with less than one square mile being privately owned. With the exception of the relatively small privately-owned portion, the fringe areas fall within the recently designated Sand to Snow National Monument. Discussions with the County of San Bernardino indicate it has no interest in being a GSA for this area. It was excluded from GSA coverage because development in this fringe area is restricted by land ownership and wilderness/national monument designation. Additionally, these lands are owned by the federal government.

1.2.2 Alternative to a Groundwater Sustainability Plan

The SGMA recognizes the efforts many areas, such as the Coachella Valley, have made in developing and implementing groundwater management by allowing existing groundwater management plans to be submitted as an alternative to preparing a GSP.

On December 29, 2016, Agencies submitted the 2013 Mission Creek-Garnet Hill Water Management Plan (2013 MC-GH WMP [MWH, 2013]) and a bridge document (Stantec, 2016; 2016 Bridge Document) to the CDWR as an Alternative to a Groundwater Sustainability Plan (Alternative Plan). The Alternative Plan described how the 2013 MC-GH WMP and supporting documents met the requirements of the SGMA and thus could be considered an Alternative Plan under the SGMA.

On July 17, 2019, the CDWR issued a SGMA Alternative Assessment Staff Report (CDWR, 2019a) and a Statement of Findings Regarding the Approval of the Mission Creek Subbasin Alternative Plan (CDWR, 2019b). As summarized by the CDWR (2019c), the Alternative Plan:

- Satisfied the objectives of the SGMA by successfully demonstrating that implementation of the Agencies' existing water management plan is likely to lead to groundwater sustainability for the Mission Creek Subbasin within the statutory timelines identified in the SGMA.
- Demonstrated an acceptable understanding of the hydrogeology, groundwater conditions, and water budget for the basin.
- Established goals for the basin, including maintaining groundwater levels above 2009 conditions, meeting water demands, and managing and protecting groundwater quality.
- Stated that while utilizing supplies from the Colorado River has assisted in correcting historical overdraft, it is also contributing to salt loading in the basin. The Alternative Plan stated that the region has developed a salt and nutrient management plan and is working to have that plan approved by the California Regional Water Quality Control Board, Colorado River Region (RWQCB).

Based on these findings, the CDWR provided recommendations to address the first five-year update to the Alternative Plan, which was due by January 1, 2022. The recommendations clarified how progress toward achieving the sustainability goal will be measured, incorporating an approved salt and nutrient management plan, and enhancing descriptions of groundwater conditions.

The Agencies initiated the five-year update as part of the required five-year periodic evaluation of the Alternative Plan. The resulting update was completed in November 2021 and submitted to the CDWR in December 2021.

1.2.3 2022 Alternative Plan Update

The 2022 Alternative Plan Update was prepared to meet specific requirements of the SGMA as it applies to the Mission Creek Subbasin and to support water management planning for a Planning Area that includes the Mission Creek Subbasin, the Desert Hot Springs Subbasin, and the Garnet Hill Subarea of the Indio Subbasin. The SGMA requirements for the Garnet Hill Subarea of the Indio Subbasin are addressed in the 2022 Indio Subbasin Water Management Plan Update prepared by Todd Groundwater and Woodard & Curran (Todd and Woodard & Curran, 2021). The Desert Hot Springs Subbasin does not have SGMA reporting requirements because it is classified as a very low-priority basin.

The 2022 Alternative Plan Update was prepared to:

- Ensure that the region's most current projections for population growth, land use, imported water supply, and other future conditions are incorporated into water management planning.
- Update the groundwater flow model for the Planning Area for use as a tool in evaluating potential groundwater management actions.
- Provide an analysis of future projected groundwater demand based on population growth and other factors and estimate future projected supplies available for groundwater replenishment.
- Develop scenarios for forecasting groundwater conditions based on future demands and supplies, assuming future hydrologic conditions are drier than the long-term historical average (climate change assumptions).
- Review historical information along with current and projected future environmental and demographic conditions to define undesirable results and develop objectives and thresholds to maintain groundwater sustainability.
- Address specific actions recommended in the CDWR's 2019 SGMA Alternative Assessment Staff Report and Statement of Findings (CDWR, 2019a; CDWR, 2019b).

The 2022 Alternative Plan Update findings confirmed that the Mission Creek Subbasin is, and is projected to be, sustainably managed. Based on predicted future water demands, the 2022 Alternative Plan Update identified that additional groundwater production will be needed through the planning period of 2045. As identified in the 2022 Alternative Plan Update and summarized in Section 9 of this Annual Report, the Agencies have identified options for obtaining additional imported water supplies and increasing water supply reliability through 2045. The additional imported water supplies will address potential future conditions that are outside of the Agencies' control, including climate change and regulatory changes.

To evaluate future conditions, the groundwater model for the Mission Creek Subbasin was updated and used to assess a range of water management and hydrologic scenarios. The results of these forecast scenarios were compared with the Sustainable Management Criteria developed in the 2022 Alternative Plan Update and described in Section 8 of this Annual Report. The water management forecast modeling showed that the Agencies could maintain sustainable groundwater levels in the Mission Creek Subbasin under assumed drier climate change conditions through the planning period by continuing Projects and Management Actions (PMAs) already in progress and implementing additional PMAs as currently planned.

Groundwater quality was evaluated in the 2022 Alternative Plan Update and is now reviewed in the Annual Reports (Section 8 of this Annual Report). The 2022 Alternative Plan Update included a review and

reorganization of PMAs. Section 9 of this Annual Report includes a description of the PMAs and any updates since the 2022 Alternative Plan Update was completed in November 2021.

In June 2024, CDWR approved the 2022 Alternative Plan Update as part of their "Periodic Review of the Mission Creek Subbasin Alternative Groundwater Sustainability Plan" (CDWR, 2024). CDWR's report of findings documents the Alternative Plan (including the 2022 Alternative Plan Update) as:

- Complete and including the applicable information required by SGMA for the type of alternative submitted,
- Consistent with SGMA and being implemented in a manner that will likely achieve the sustainability goal for the basin, and that
- Sufficiently demonstrating its ability to achieve the objectives of SGMA.

Based on these findings, the CDWR proposed recommended corrective actions to enhance the Alternative Plan and facilitate future evaluation by CDWR. The corrective actions included clarification of inter-basin coordination on items such as monitoring networks and hydrogeological conceptual models, monitoring network reporting to the SGMA Portal Monitoring Network Module (MNM), and incorporation of an approved salt and nutrient management plan into future iterations of the Alternative Plan. The Agencies intend to initiate the next five-year periodic evaluation in 2025 that will be submitted to the CDWR by January 1, 2027.

1.2.4 Annual Reporting

Annual reporting of groundwater conditions in the Mission Creek Subbasin has been performed by the CVWD and DWA since 2003. CVWD and DWA both publish annual Engineer's Reports on Water Supply and Replenishment Assessment for the Mission Creek Subbasin for their respective Areas of Benefit (AOBs). The Engineer's Reports have described the groundwater levels, annual water balance, artificial and natural recharge, and groundwater pumping for the previous calendar year, and established the replenishment assessment charged for production in the following fiscal year. Many of these goals are now achieved through the Mission Creek Subbasin Annual Reports prepared by the Agencies since WY 2016-2017 in accordance with the SGMA. In addition, the Agencies prepare annual Consumer Confidence Reports on the water quality of their urban water systems.

In accordance with the SGMA (Water Code Section 10728), on April 1, following the adoption of a GSP or submission of an Alternative Plan, and annually thereafter, a GSA shall submit an annual report to the CDWR containing the following information about the managed basin:

- Groundwater elevation data.
- Aggregated data identifying groundwater extraction.
- Surface water supply used for or available for groundwater replenishment or in-lieu use.
- Total water use.
- Change in groundwater storage.
- Progress toward implementing the GSP or Alternative Plan.

This Mission Creek Subbasin Annual Report for WY 2023-2024 (Annual Report) was prepared for the Mission Creek Subbasin in response to the SGMA requirements and follows the general format of the previous Mission Creek Subbasin Annual Report (WSP, 2024). This Annual Report contains a general discussion of the Coachella Valley Groundwater Basin setting followed by sections describing each of the annual report elements required for the Mission Creek Subbasin by the SGMA and a report section on Sustainable Management Criteria identified for the Mission Creek Subbasin in the 2022 Alternative Plan Update. The Mission Creek Subbasin has met its sustainable management objective yearly since the Alternative Plan was submitted to the CDWR in December 2016. Consequently, no interim milestones need to be reached for compliance with the SGMA. The Sustainable Management Criteria review is provided to document current conditions in the Subbasin relative to the established management criteria.

Section 2 – Coachella Valley Groundwater Basin Setting

The Coachella Valley Groundwater Basin extends approximately 45 miles southeast from the San Bernardino Mountains to the northern shore of the Salton Sea. **Figure 2-1** shows the location of the Coachella Valley Groundwater Basin and its subbasins, including the Mission Creek Subbasin.
The Coachella Valley lies within the northwesterly portion of California's Colorado Desert, an extension of the Sonoran Desert. Cities within the Coachella Valley include Cathedral City, Coachella, Desert Hot Springs, Indian Wells, Indio, La Quinta, Palm Desert, Palm Springs, and Rancho Mirage, and the unincorporated communities of North Palm Springs, Thousand Palms, Thermal, Bermuda Dunes, Oasis, and Mecca. The Coachella Valley is bordered by the San Jacinto and Santa Rosa Mountains on the southwest, the San Bernardino Mountains on the northwest, the Little San Bernardino Mountains and the Mecca Hills on the northeast, and the Salton Sea on the southeast. The San Bernardino, San Jacinto, and Santa Rosa Mountains impede the eastward movement of storms and create a rain shadow, which results in an arid climate and greatly reduces the contribution of direct precipitation as a source of recharge to the Coachella Valley Groundwater Basin.

The bulk of natural groundwater replenishment comes in the form of runoff from the adjacent mountains. Climate in the Coachella Valley is characterized by low humidity, high summer temperatures, and mild dry winters.

2.1 Coachella Valley Groundwater Basin

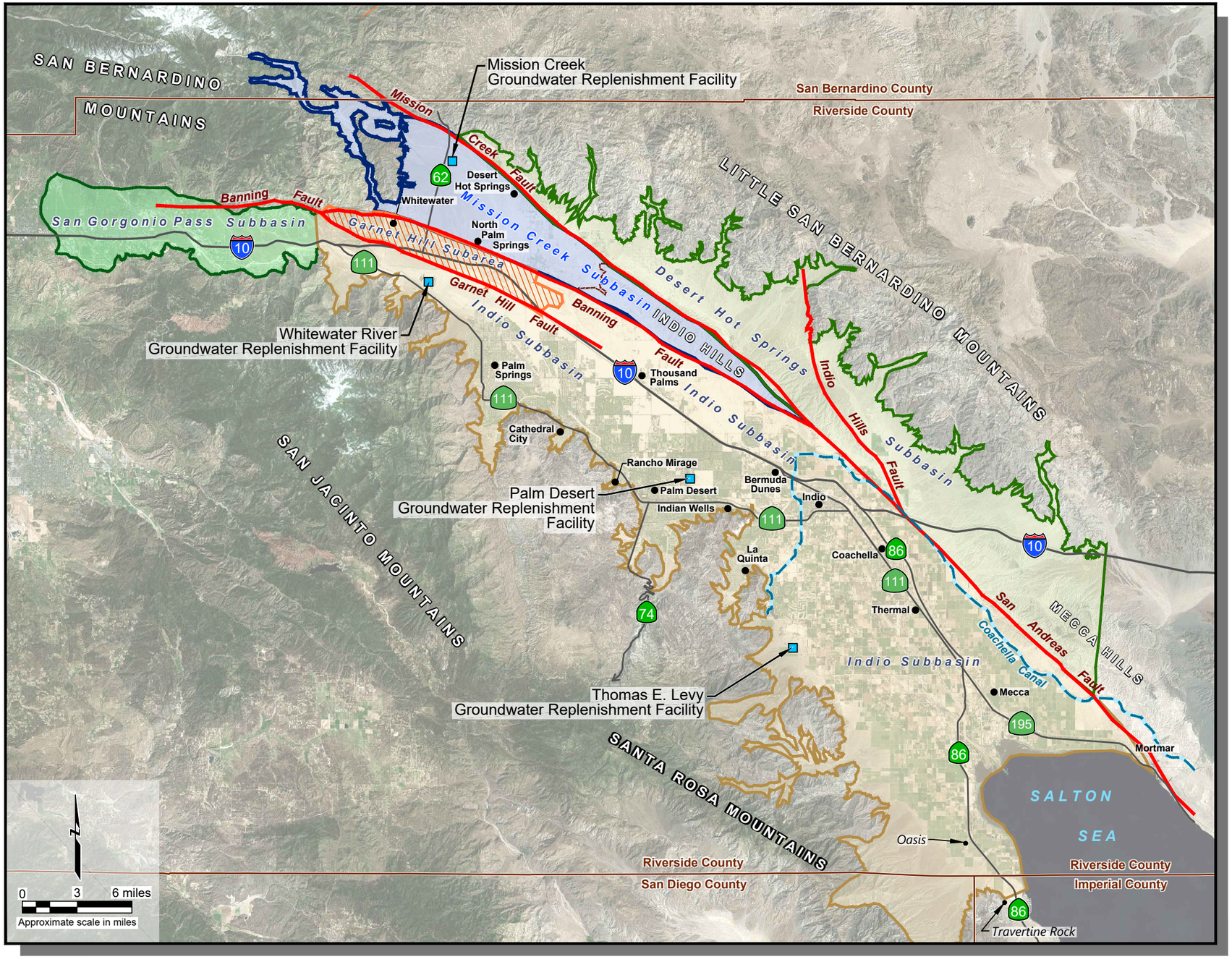
The geographic boundaries of the Coachella Valley Groundwater Basin correspond roughly with the Coachella Valley boundaries described above. At the west end of the San Gorgonio Pass, between the Cities of Beaumont and Banning, the basin boundary is defined by a surface drainage divide separating the Coachella Valley Groundwater Basin from the Beaumont Groundwater Basin of the Upper Santa Ana Drainage Area.

The southern boundary is formed primarily by the watershed of the Mecca Hills and by the northwest shoreline of the Salton Sea, running between the Santa Rosa Mountains and Mortmar. Between the Salton Sea and Travertine Rock, at the base of the Santa Rosa Mountains, the southern boundary crosses the Riverside County line into Imperial and San Diego counties.

Although there is interflow of groundwater throughout the Coachella Valley Groundwater Basin, fault barriers, constrictions in the basin profile, and areas of low permeability materials limit and control groundwater movement. Based on these factors, the Coachella Valley Groundwater Basin has been divided into subbasins and subareas, described by the California Department of Water Resources (CDWR) in 1964 and 2003, and by the United States Geological Survey (USGS) in 1974, as described below.

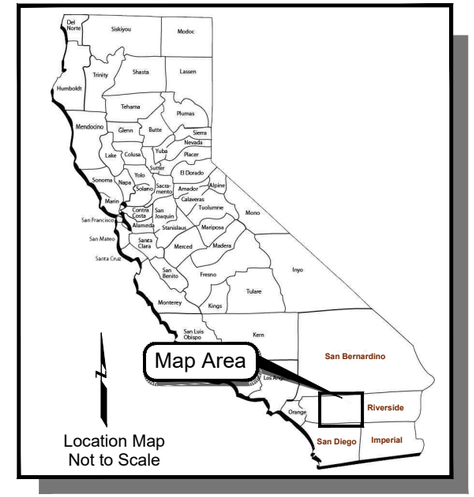
2.1.1 Subbasins and Subareas

As shown on **Figure 2-1**, the subbasins of the Coachella Valley Groundwater Basin are the Mission Creek, Desert Hot Springs, San Gorgonio Pass, and Indio Subbasins. The Garnet Hill Subarea shown on **Figure 2-1**, is identified as a subbasin by the USGS and as a subarea of the Indio Subbasin by the CDWR.



Explanation

- Mission Creek Subbasin
- Desert Hot Springs Subbasin
- San Gorgonio Pass Subbasin
- Indio Subbasin
- Garnet Hill Subarea of Indio Subbasin
- Fault
- Indio Hills boundary
- Coachella Canal



Basemap modified from an undated drawing by Krieger & Stewart Engineering, subbasin boundaries from "Mission Creek and Garnet Hill Subbasins Water Management Plan Final Report", January 2013, and an aerial photo from Esri World Imagery- Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, dated 10-15-2017.

Note:

All locations are approximate.

COACHELLA VALLEY GROUNDWATER BASIN
SUBBASIN and SUBAREA MAP
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: jrw	Date: 01/06/2025	Project No. US0039461.9928
wsp	Figure 2-1	45

Plot Date: 1/06/2025 10:00:58 AM, Plotted by: USJW720210
Drawing Path: (Y:\Prj\\corp.pbwan.net\glb-ek&IUSUSCZM100-CZM01\US0039461.9928 (MissionCrk 2024)\acad\Tb_CV Basin-Subbasins.dwg, Subbasins

The subbasins are defined without regard to water quantity or quality, rather, they delineate areas underlain by formations which readily yield stored groundwater through water wells and offer natural reservoirs for regulating water supplies.

The boundaries between subbasins within the Coachella Valley Groundwater Basin are generally defined by faults that impede the lateral movement of groundwater. Minor subareas have also been delineated, based on one or more of the following geologic or hydrologic characteristics: type(s) of water-bearing formations, water quality, areas of confined groundwater, forebay areas, groundwater divides, and surface drainage divides.

The following is a list of the subbasins and associated subareas in the Coachella Valley Groundwater Basin as designated by the CDWR in Bulletin 108 (1964) and Bulletin 118 (2003), with subbasin numbers as identified by CDWR (2003):

- Indio Subbasin (Subbasin 7-21.01)
  - Palm Springs Subarea
  - Thermal Subarea
  - Thousand Palms Subarea
  - Oasis Subarea
  - Garnet Hill Subarea[10]
- Mission Creek Subbasin (Subbasin 7-21.02)
- Desert Hot Springs Subbasin (Subbasin 7-21.03)
  - Miracle Hill Subarea
  - Sky Valley Subarea
  - Fargo Canyon Subarea
- San Gorgonio Pass Subbasin (Subbasin 7-21.04)

The location of each subbasin is shown on **Figure 2-1**.

2.1.2 Coachella Valley Groundwater Basin: Subbasin Storage Capacities

In 1964, the CDWR estimated that the subbasins in the Coachella Valley Groundwater Basin contained, in the first 1,000 feet below the ground surface, approximately 39,200,000 acre-feet (AF) of water. The capacities of the subbasins are shown in **Table 2-1**.

[10] The Garnet Hill Subarea of the Indio Subbasin is identified as a separate subbasin, Garnet Hill Subbasin, by the USGS (1980). However, it is identified as the Garnet Hill Subarea of the Indio Subbasin in CDWR Bulletin 108 (1964) and CDWR Bulletin 118 (2003).

Table 2-1
Coachella Valley Groundwater Basin
Groundwater Storage Capacity

Subbasin/Subarea	Groundwater Storage Capacity (AF)[1]
Indio Subbasin	
Palm Springs Subarea	4,600,000
Thousand Palms Subarea	1,800,000
Oasis Subarea	3,000,000
Thermal Subarea	19,400,000
Garnet Hill Subarea	1,000,000
Subtotal Indio Subbasin	**29,800,000**
San Gorgonio Pass Subbasin	2,700,000
Mission Creek Subbasin	2,600,000
Desert Hot Springs Subbasin	4,100,000
Total All Subbasins	**39,200,000**

Notes:

1. First 1,000 feet below ground surface. Capacities estimated by the CDWR (CDWR, 1964).

2.1.3 Regional Geology

The Coachella Valley Groundwater Basin encompasses much of the Coachella Valley floor area. The Coachella Valley itself trends northwest to southeast; its surface slopes generally to the southeast and it is bounded on its northern, northwestern, northeastern, southwestern, and southern margins by uplifted mountains of granitic and metamorphic rocks and indurated sedimentary rocks that form the bedrock surrounding and underlying the valley floor. The basin is bounded on the southeast by the Salton Sea. As shown on **Figure 2-2**, the floor of Coachella Valley in the Mission Creek Subbasin area (and in other areas) is underlain by Quaternary alluvium (Q) and dune sand (Qs). Coachella Valley sedimentary fill consists of thick sand and gravel sedimentary sequences eroded from the surrounding mountains (USGS, 2007). These sediments thicken from north to south and, depending on location within the basin, are at least several thousand and as much as 12,000 feet in thickness in the southern Indio Subbasin. Older semi-consolidated sediments units (Qpc) are also exposed on the valley floor and occur at the surface, partly due to movement on several major fault zones in the area (**Figure 2-2**).

Figure 2-2 shows the major fault system crossing the Coachella Valley, the seismically active San Andreas fault system. This fault system includes the Banning, Garnet Hill, Mission Creek, and Indio Hills faults. Numerous other faults are located within the tectonically active basin. The Banning and Mission Creek faults form the southwestern and northeastern boundaries of the Mission Creek Subbasin.

Slight discrepancies between the fault locations and the basin boundaries, as shown on the figures in this report, are due to the integration of different sources of information, each reported in different presentation styles, map scales, and time periods (e.g., USGS, 2007 for fault locations and CDWR, 2003 for basin boundary locations). More detailed information on the geology of the Mission Creek Subbasin is presented in Section 2.2.2 of this report.

2.2 Mission Creek Subbasin Description

The Mission Creek Subbasin boundary is shown on **Figure 2-3**. The physiography and climate, geology, hydrogeology, hydrogeologic conceptual model, and the management areas overlying the Mission Creek Subbasin are described below.

2.2.1 Physiography and Climate

The northwestern end of the Mission Creek Subbasin includes the active and paleo stream channel of the Whitewater River, which has cut a broad canyon with steep sides along the foothills of the eastern flank of the San Bernardino Mountains. The northwestern extent of the Mission Creek Subbasin lies within the active Whitewater River channel at an elevation of approximately 5,000 feet above mean sea level (msl). The Whitewater River channel and northern paleo channel area are largely uninhabited, with the exception of the small community of Bonnie Bell.

The main Mission Creek Subbasin (outside of the Whitewater River channel and northern paleo channel) extends from the base of the San Bernardino Mountain foothills and into the western portion of the Indio Hills. Much of the Mission Creek Subbasin is undeveloped and supports sparse desert vegetation. The City of Desert Hot Springs and the community of North Palm Springs are located in the central part of the Mission Creek Subbasin. Palm Springs city limits also extend into the Mission Creek Subbasin and the city limit ends just south of the community of North Palm Springs (**Figure 2-3**). Individual homes and smaller communities are scattered across the northwestern and other parts of the Mission Creek Subbasin. The Indio Hills are not inhabited within the Mission Creek Subbasin. Numerous wind turbines for generating electricity have been constructed in the western part of the Mission Creek Subbasin and near the Indio Hills.

Ground surface elevation is approximately 2,000 feet above msl in the northwest part of the Mission Creek Subbasin, and the ground surface slopes gently toward the south-southeast and south to an elevation of approximately 700 feet above msl near the western boundary of the Indio Hills, northwest of Seven Palms Ridge (**Figure 2-3**). Ground surface elevation then increases to the southeast toward the uninhabited Indio Hills. The Indio Hills are incised and eroded highlands that rise to more than 1,600 feet above msl. The western Indio Hills are located within the Mission Creek Subbasin but as described in report Section 2.2.2, comprise semi-consolidated sediments of low permeability in the groundwater-saturated zone and are not considered part of the main Mission Creek Subbasin area for groundwater resources. Ground surface slopes downward toward the southeast from the Edom Hill area to an elevation of approximately 200 feet above msl at the southeastern end of the Mission Creek Subbasin.

San Bernardino County

Riverside County

San Bernardino Mountains

Mission Creek Groundwater Replenishment Facility

Little San Bernardino Mountains

Desert Hot Springs

Banning Fault

Bonnie Bell

Mission Creek Subbasin

Mission Creek Fault

Garnet Hill Subarea

Garnet Hill Fault

Indio Subbasin

Indio Hills

Desert Hot Springs Subbasin

Indio Hills Fault

Whitewater River Groundwater Replenishment Facility

San Jacinto Mountains

Palm Springs

Thousand Palms

Cathedral City

pCc

Q

gr

gr-m

m

gb

Tc

QPc

pC

Qs

62

10

111

N

0 6,000 12,000

Approximate Scale in Feet

Basemap modified from aerial photograph provided by Esri, dated November 9, 2016.

Explanation

Fault, ? where uncertain

Facility

Highway/road

Site Features

Desert Hot Springs Subbasin

Indio Subbasin

Mission Creek Subbasin

Garnet Hill Subarea of Indio Subbasin

Geology

Qs: dune sand (Quaternary)

Q: alluvium (Quaternary)

QPc: sandstone (Tertiary-Quaternary)

Tc: sandstone conglomerate (Tertiary)

gb: gabbro (Triassic)

gr: diorite (Permian)

pC/pCc: gneiss (Paleozoic)

gr-m: plutonic rock (Early Proterozoic to Late Cretaceous)

m: schist (Early Proterozoic to Cretaceous)

Sources:

1. USGS Open File Report 2005-1305, 2007.
2. Geotechnical Consultants, 1979.

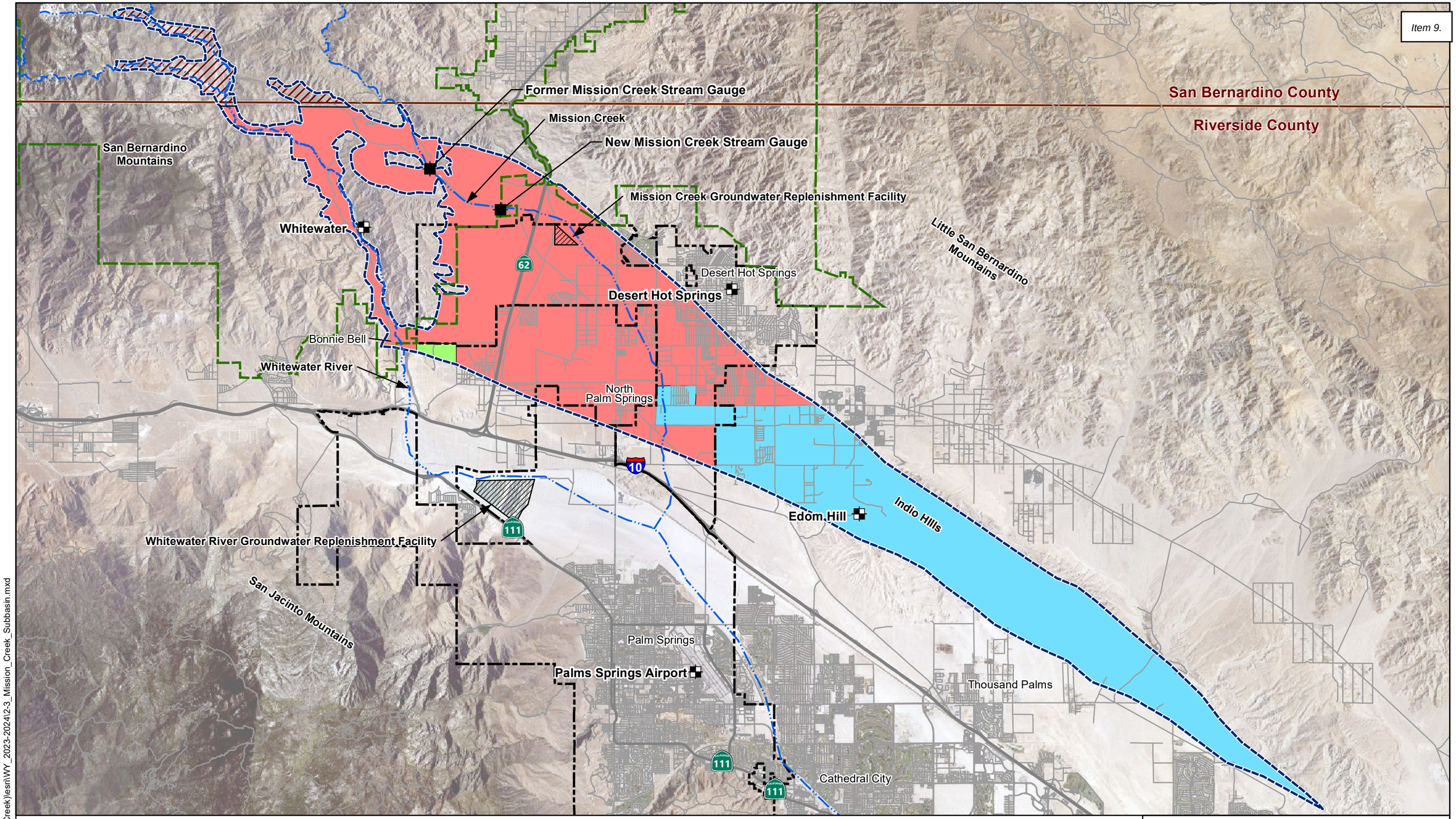
Note:

Fault and groundwater basin boundary alignments differ due to different sources.

REGIONAL GEOLOGY IN THE MISSION CREEK SUBBASIN AREA
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: MWW	Date: 12/24/2024	Project No.: US0039461.9928
wsp	Figure	2-2

Date: 12/24/2024 Printed by: USMW719917
Path: Y:\CM23\168050_(Mission-Creek)\esri\WY_2023-2024\2-2_Regional_Geology.mxd



Explanation

- Rain gauge location
- Stream gauge location
- Sand to Snow National Monument (Bureau of Land Management)
- Mission Creek Subbasin
- Mission Creek Subbasin fringe area
- Highway/road
- Stream

Groundwater Sustainability Agency (GSA) Areas

- Coachella Valley Water District (GSA Exclusive Area)
- Desert Water Agency (GSA Exclusive Area)
- Overlap area

Note:
Overlap area of GSA Notices by Desert Water Agency and Mission Springs Water District.

0 6,000 12,000
Feet

Basemap modified from aerial photograph provided by Esri, dated November 9, 2016. GSA areas from SGMA. Water.CA.gov.

N

MISSION CREEK SUBBASIN
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: MWW	Date: 12/24/2024	Project No.: US0039461.9928
wsp	Figure	2-3

Date: 12/24/2024 Printed by: USMW719917
Path: Y:\CM23168050_(Mission-Creek)\esri\WY_2023-202412-3_Mission_Creek_Subbasin.mxd

The Whitewater River is the major drainage in the Mission Creek Subbasin. It flows between the eastern foothills of the San Bernardino Mountains and the elevated impermeable bedrock and low permeability sediments on the western side of the Mission Creek Subbasin before flowing south into the Garnet Hill Subarea of the Indio Subbasin. The Whitewater River is perennial in its upper reaches but flows intermittently in its lower reaches. Mission Creek, Morongo Wash, Little Morongo Wash, and other washes have intermittent flows in the Mission Creek Subbasin that occur only during or following heavy precipitation events. These washes flow out of the canyons located northwest and north of the Mission Creek Subbasin and flow south and southeast across the Mission Creek Subbasin. The location of Mission Creek is shown on **Figure 2-3**.

Table 2-2 summarizes climate statistics based on 30 years of temperature and precipitation data at the Palm Springs Airport, approximately 2 miles south of the Mission Creek Subbasin's southern boundary (**Figure 2-3**). Average high temperatures exceed 100 degrees Fahrenheit (°F) in the months of June, July, August, and September. Average high temperatures in May and October are in the low to mid 90s°F and average high temperatures in the months of November through April range from about 69°F to 87°F. Average low temperatures range from 46°F in December to 80°F in August. Most of the precipitation occurs during December through February, with an average precipitation of 0.68 inches in December, 1.14 inches in January, and 1.11 inches in February. Brief, but heavy rains occur in the summer (desert monsoons), resulting in an average monthly precipitation of 0.25 inches in July, 0.14 inches in August, and 0.24 inches in September.

Annual precipitation from Water Year (WY) 1960-1961 to WY 2023-2024 for the Riverside County Flood Control and Water Conservation District station at Desert Hot Springs is shown on **Figure 2-4**.
The station is located approximately one-mile northeast of the northeast boundary of the Mission Creek Subbasin in the adjoining Desert Hot Springs Subbasin (**Figure 2-3**). This station is used for the plot of annual precipitation because it has the longest record (63 years) of the three stations located within or near the Mission Creek Subbasin. The other two stations, Whitewater and Edom Hill, have shorter periods of record (extending back to WY 1975-1976 and WY 2008-2009, respectively).

The mean annual precipitation for the water year over the period of record was 5.1 inches, with a standard deviation of 3.4 inches. The maximum precipitation was just over 16 inches in WY 2004-2005.
No precipitation was recorded at the station in WY 1961-1962 and WY 1963-1964.

Table 2-2
Climate Summary 1991 to 2020, Palm Springs Airport

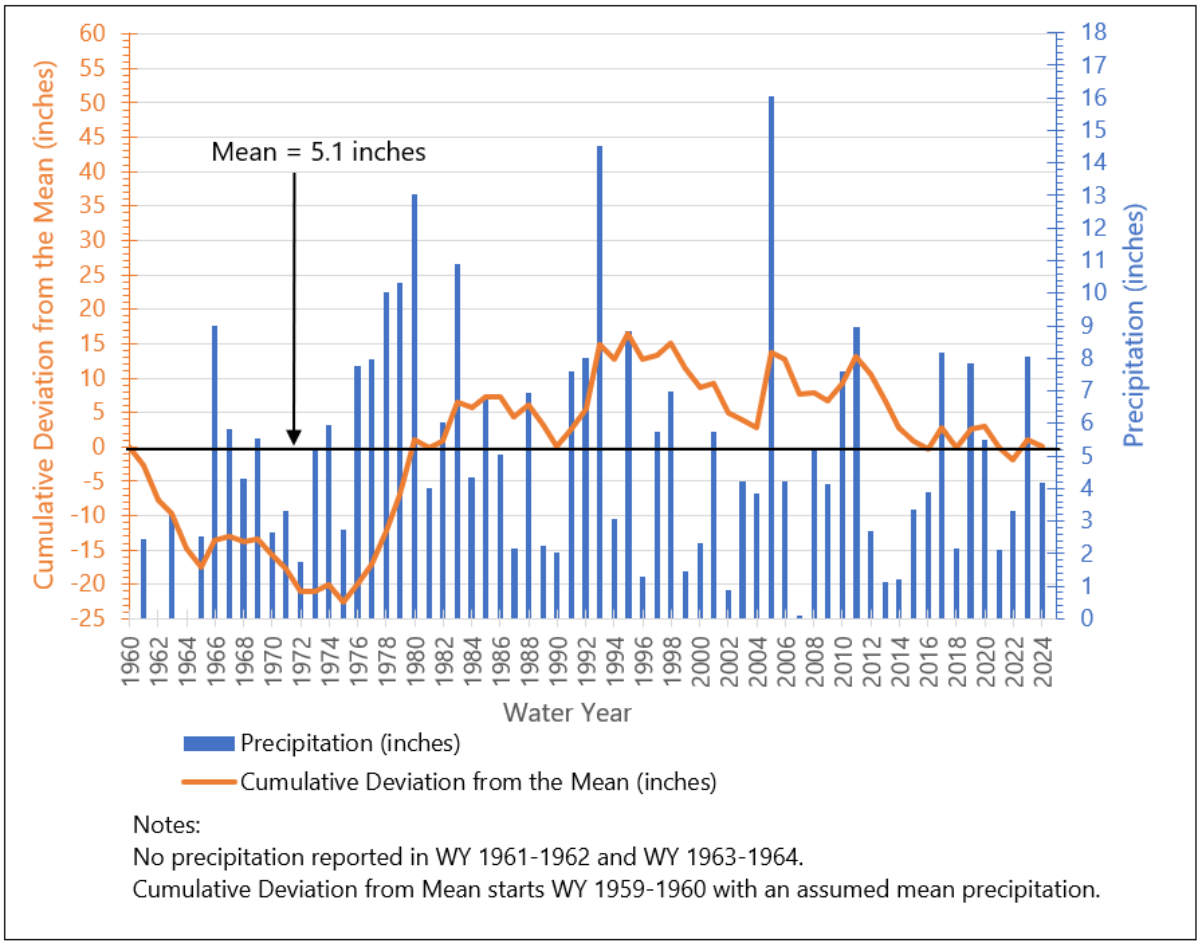
	January	February	March	April	May	June
Average Maximum Temperature (°F)	70.5	73.7	80.6	86.7	94.7	103.6
Average Minimum Temperature (°F)	47.6	49.7	54.4	59.1	65.9	72.7
Average Temperature (°F)	59.0	61.7	67.5	72.9	80.3	88.2
Average Precipitation (inches)	1.14	1.11	0.51	0.09	0.02	0.00
	July	**August**	**September**	**October**	**November**	**December**
Average Maximum Temperature (°F)	108.6	108.1	101.8	91.1	78.7	69.2
Average Minimum Temperature (°F)	79.4	79.8	74.4	64.5	53.4	46.2
Average Temperature (°F)	94.0	94.0	88.1	77.6	66.0	57.7
Average Precipitation (inches)	0.25	0.14	0.24	0.20	0.23	0.68
					Average Temperature (°F)	**75.6**
					Average Annual Precipitation (inches)	**4.61**

Notes:

Temperature and precipitation based on data collected from the Palm Springs Airport from 1991 through 2020, https://www.ncei.noaa.gov/access/us-climate-normals.

Figure 2-4 includes a plot of the cumulative deviation from the mean (CDFM) that shows general wet and dry periods over time based on increasing or decreasing trends of the CDFM plot line. For example, a generally dry period is observed from WY 1960-1961 through WY 1974-1975, when precipitation exceeded the average or mean precipitation in only two of fourteen years, and only one of those years (WY 1965-1966) included substantial precipitation above the mean. The CDFM plot line shows a downward trend over this period. Conversely, this dry period is followed by a wet period extending from WY 1975-1976 to WY 1982-1983. During this wet period, below average precipitation was observed in only one year (WY 1980-1981) and three of the eight years received precipitation that approached or exceeded twice the average annual precipitation. The CDFM plot line for this period shows a steep upward trend. WY 2016-2017 ended five consecutive years of below average precipitation in the Mission Creek Subbasin area. From WY 2016-2017 to WY 2019-2020, cumulative deviation from the mean was relatively flat, indicating a generally average precipitation for this period. Less than average precipitation in WY 2020-2021 (2.1 inches) and WY 2021-2022 (3.33 inches) resulted in a slight downward trend. The precipitation total of 8.05 inches for WY 2022-2023 was above the mean annual precipitation of 5.1 inches, resulting in an upward trend of the CDFM plot line. WY 2023-2024 total preciptiation of 4.16 inches was slightly below the long-term average resuling in a slight downward trend.

Figure 2-4
Annual Precipitation and Cumulative Deviation from the Mean, Desert Hot Springs



2.2.2 Subbasin Geology

Figure 2-5 shows the geology of the Mission Creek Subbasin within the confines of the bounding, relatively impermeable bedrock of the San Bernardino Mountains and Little San Bernardino Mountains, and the relatively low permeability resulting from faulting along the Mission Creek fault and the Banning fault. The bedrock and faults define the Mission Creek Subbasin on the Regional Geologic Map (**Figure 2-2**). Geologic materials/units within the Mission Creek Subbasin (not all differentiated on the Regional Geologic Map, **Figure 2-2**) include relatively impermeable Precambrian metamorphic and Tertiary volcanic rocks; relatively impermeable massive, consolidated conglomerate of the Coachella fanglomerate (Tc); relatively impermeable shale, sandstone, and siltstone of the Imperial Formation (Ti); semi-consolidated Quaternary/Tertiary sediments of the Painted Hill (TQph) and Palm Springs (TQps) formations; unconsolidated and relatively unconsolidated sediments of the Quaternary Ocotillo conglomerate (Qa); Cabezon fanglomerate (Qc); recent and older alluvial fan deposits (Qf); and active channel and stream wash deposits (Qr) (CDWR, 1964). The consolidated Coachella fanglomerate,

metamorphic rocks, and semi-consolidated rocks are in the northwestern portion of the Mission Creek Subbasin between the Whitewater River channel deposits and the main Mission Creek Subbasin (east of the Whitewater River channel). Although the relatively permeable Quaternary sediments are mapped as the surface geology through much of the Indio Hills, limited surface exposures of the Palm Springs Formation and Imperial Formation in the Indio Hills suggests that semi-consolidated sediments and consolidated sediments occur at relatively shallow depths in this area.

2.2.3 Subbasin Hydrogeology

The Mission Creek Subbasin is designated Number 7-21.02 in the CDWR's Bulletin 118 (2003). The wedge-shaped Mission Creek Subbasin is bounded by relatively impermeable rocks of the San Bernardino Mountains and Little San Bernardino Mountains to the west/northwest and north/northeast, respectively, and by faults that represent partial barriers to groundwater flow including the Banning fault to the southwest and the Mission Creek fault to the northeast. These two faults trend subparallel to each other along a northwest to southeast transect and intersect to form the southeastern end of the Mission Creek Subbasin. Groundwater level differences across the Banning fault, between the Mission Creek Subbasin and the Garnet Hill Subarea of the Indio Subbasin, are on the order of 200 feet to 250 feet. Similar groundwater level differences exist across the Mission Creek fault between the Mission Creek Subbasin and Desert Hot Springs Subbasin (MWH, 2013). The groundwater level differences indicate that the faults form partial barriers to groundwater flow in and out of the Mission Creek Subbasin.

Measured depths to groundwater in the Mission Creek Subbasin in WY 2023-2024 ranged from 600 feet below ground surface (bgs) in the northwest part of the Mission Creek Subbasin where ground surface elevations are more than 1,300 feet above msl to less than 5 feet bgs within the southern portion of the Mission Creek Subbasin west of the Indio Hills where ground surface elevations are approximately 700 feet above msl.

The Whitewater River and Mission Creek are the only perennial surface water features in the Mission Creek Subbasin (perennial only at the higher elevation reaches). Under low-flow conditions along the Whitewater River, surface water infiltrates into the channel after crossing south of the Banning fault (i.e., outside of the Mission Creek Subbasin).

As described in Section 2.2.2 and shown on **Figure 2-5**, relatively impermeable bedrock, a fault, and semi-permeable sediments are found east of the Whitewater River, and most of the Whitewater River area is hydraulically isolated from the main portion of the Mission Creek Subbasin. However, the very northern portion of the Whitewater River's recent channel deposits may be hydraulically connected with alluvial sediments of the main Mission Creek Subbasin through older paleo channels of the Whitewater River as indicated by Pleistocene-age deformed gravels (CDWR, 1964). These Pleistocene-age deformed gravels are found in the older alluvium in the northwest corner of the Mission Creek Subbasin, indicating that an ancestral Whitewater River flowed through the gap north of the non-marine Tertiary sediments. Subsurface mountain-front recharge may flow through permeable sediments in this gap into the main part of the Mission Creek Subbasin.

In the southeastern part of the Mission Creek Subbasin, consolidated and semi-consolidated low-permeability sediments are exposed in the Indio Hills. In the area of the Indio Hills, these low-permeability sediments occur at much shallower depths than in other portions of the Mission Creek Subbasin. The structure of the semi-consolidated sediments is depicted by Geotechnical Consultants Inc.,

(GCI, 1979) as rising steeply toward the surface approaching the Indio Hills. Geologic maps that include the Indio Hills area show exposures of these Tertiary, semi-consolidated sediments (CDWR, 1964 and USGS, 2007). Although alluvial sediments considered to be permeable are mapped as surficial deposits through much of the Indio Hills, these sediments are likely thin and much of the Indio Hills is composed of semi-consolidated sediments at the depths of regional groundwater occurrence; thus, the Indio Hills are described by the USGS (1974) as "semi-consolidated deposits that yield little water" and by the CDWR (1964) as "essentially semi-water-bearing rocks." Low permeability sediments and non-water bearing rocks within the Mission Creek Subbasin are identified on **Figure 2-5** and are included on the Mission Creek Subbasin maps to supplement the CDWR Mission Creek Subbasin boundary geometry.

The area of the Mission Creek Subbasin between the bedrock exposures to the northwest and the Indio Hills to the southeast reflects the estimated geographic limit of effective groundwater storage within the Mission Creek Subbasin (CDWR 1964).

2.2.4 Hydrogeologic Conceptual Model

A hydrogeologic conceptual model is a working interpretation of the characteristics and dynamics of the physical hydrogeologic system. Hydrogeologic conceptual models for the Mission Creek Subbasin are described in the 2016 Bridge Document, in the 2013 Mission Creek-Garnet Hill Water Management Plan (2013 MC-GH WMP), by Psomas (2010), and in the Mission Creek Subbasin Alternative Plan Update (2022 Alternative Plan Update [Wood and Kennedy Jenks, 2021]). **Figure 2-6** is a graphical presentation of the hydrogeologic conceptual model for the Mission Creek Subbasin. The following paragraphs summarize the main components of the hydrogeologic conceptual model for the Mission Creek Subbasin.

Groundwater is stored in the alluvial sediments, which extend to a depth as great as 3,000 feet bgs and are underlain by semi-consolidated, semi-permeable sediments (GCI, 1979). Faults bounding the Mission Creek Subbasin are partial barriers to groundwater flow resulting in a steep drop in groundwater levels from the Mission Creek Subbasin into the Garnet Hill Subarea of the Indio Subbasin across the Banning fault, and a steep drop in groundwater levels from the Desert Hot Springs Subbasin into the Mission Creek Subbasin across the Mission Creek fault. Because these faults are only partial barriers to groundwater flow, the steep hydraulic gradients across the faults result in subsurface outflow from the Mission Creek Subbasin to the Garnet Hill Subarea of the Indio Subbasin and subsurface inflow from the Desert Hot Springs Subbasin into the Mission Creek Subbasin. Bedrock, semipermeable sediments, and a fault at the north end of the main Mission Creek Subbasin restrict inflow from the Whitewater River channel portion of the Mission Creek Subbasin to the main Mission Creek Subbasin. Alluvial sediments in a gap between bedrock and low permeability sediments provide a potential source of subsurface inflow from the northern part of the Whitewater River channel area and mountain-front recharge that occurs along the west side of the Mission Creek Subbasin.

The primary natural inflows to the Mission Creek Subbasin include infiltration of runoff in the creeks and washes fed by highland precipitation, subsurface mountain-front recharge, and subsurface inflow from the Desert Hot Springs Subbasin. A significant source of recharge to the Mission Creek Subbasin is the artificial recharge of imported water at the Mission Creek Groundwater Replenishment Facility (GRF). Additional sources of recharge include wastewater percolation, septic tank percolation, and return flow infiltration from water applied for municipal, recreational (such as golf course irrigation), agricultural, and industrial uses. In this document, municipal and recreational uses are combined into the category of urban water use unless identified separately.

San Bernardino County

Riverside County

San Bernardino Mountains

Qf/Qa/Qc

Qr

Qf/Qa/Qc

Mission Creek

Mission Creek Groundwater Replenishment Facility

Little San Bernardino Mountains

Tc/Ti

62

Desert Hot Springs

Qr

Indian Hills Line

Qf/Qa/Qc

Bonnie Bell

TQph

Whitewater River

North Palm Springs

10

Banning Fault

Qf/Qa/Qc

Mission Creek Fault

Tc/Ti

Indio Hills

TQps

10

111

Whitewater River Groundwater Replenishment Facility

San Jacinto Mountains

Palm Springs

Thousand Palms

111

Cathedral City

Explanation

- Fault
- Stream
- Mission Creek Subbasin
- Highway/road

Hydrostratigraphic Characteristic Unit/Materials

- Low permeability
- Non-water bearing

Geologic Unit/Materials

- **Qr**: active channel and stream wash deposits (Recent)
- **Qf/Qa/Qc**: unconsolidated sediments (Quaternary)
- **TQps/TQph**: semi-consolidated sediments (Tertiary-Quaternary, low permeability)
- **Tc/Ti**: consolidated sediments (Tertiary, non-waterbearing)
- Metamorphic and volcanic rocks, non-waterbearing

Source:

California Department of Water Resources Bulletin No. 108, 1964.

Note:

Fault and groundwater basin boundary alignments differ due to different sources. Geologic unit/material names differ from Figure 2-2 due to different sources.

0 6,000 12,000

Feet

Basemap modified from aerial photograph provided by Esri, dated November 9, 2016.

N

GEOLOGY OF MISSION CREEK SUBBASIN
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: MWW	Date: 12/16/2024	Project No.: CM23168050

Figure 2-5

Date: 12/16/2024 Printed by: USMW719917
Path: Y:\CM23168050_(Mission-Creek)\esri\WY_2022-2023\2-5_Mission_Creek_Subbasin_Geology.mxd

Precipitation on Basin
Mountain Front Recharge
Stream
Mission Creek Fault
Desert Hot Springs Subbasin
Whitewater River
Bedrock and Semi Permeable Sediments
Fault
Mission Creek Subbasin
Recharge Facility
Hill Fault
Garnet Wash
Indio Subbasin
(Garnet Hill Subarea)
Garnet
Banning Fault
Wastewater Treatment Plant
Industrial Supply Well
Mission Creek Wash
Morongo Wash
Agricultural Irrigation Well
Fish Farm (Agriculture)
Septic Tank
Inflow
Golf Course
Phreatophytes
Private Well
Recharge Mound
Municipal Supply Well
Municipal Supply Well
Golf Course Well
Municipal Supply Well
Outflow
1970 Water Level
1,000
0
-1,000
-2,000
Feet Mean Sea Level

Basemap modified from an aerial photo from Google Earth Pro, dated 2-19-2018.

Explanation

- Subsurface flow
- Return flow
- Recharge
- Discharge
- Import/ Export
- Groundwater surface
- Sand
- Semi-permeable Sediments
- Bedrock

Notes:

1. Land use features are shown for conceptual purposes and do not indicate land use activity in a specific portion of the subbasin.
2. Geology and structure conceptualized from GCI, 1979, and CDWR, 1964.
3. All locations are approximate.

HYDROGEOLOGIC CONCEPTUAL MODEL
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: jrw	Date: 01/06/2025	Project No. US0039461.9928
wsp		Figure 2-6

Plot Date: 1/06/2025 10:10:34 AM, Plotted by: USJW720210
Drawing Path: (Y) Prj \\corp.pbwan.netglb-ek&IUSUSCZM100-CZM01\US0039461.9928 (MissionCrk 2024)\acad\Tb_Hydrogeo Concept Model_v2.dwg, Concept Model

The primary outflow of groundwater from the Mission Creek Subbasin is through groundwater production for urban, agricultural, and industrial use. Coachella Valley Water District (CVWD), Desert Water Agency (DWA), and Mission Springs Water District (MSWD) (collectively the Agencies) produce most of the groundwater for delivery to their customers located in the Mission Creek Subbasin or for customers in the adjacent Desert Hot Springs Subbasin. Typically, a portion of the groundwater produced from the adjacent Garnet Hill Subarea of the Indio Subbasin is used in the Mission Creek Subbasin because production in the Garnet Hill Subarea exceeds demand in the Subarea. However, when production is reduced in the Garnet Hill Subarea (e.g., for well maintenance), some of the groundwater produced in the Mission Creek Subbasin is used in the Garnet Hill Subarea. Private wells that supply water for golf course irrigation, agricultural, and industrial use are metered to assess replenishment assessment charges to cover the costs of importing water and replenishing the basin. Additionally, there are private wells located in the Mission Creek Subbasin that, due to low levels of use, are not required to report their well production to CVWD or DWA, and some of these wells may extract groundwater on a regular basis.[11] Other outflows of groundwater from the Mission Creek Subbasin include evapotranspiration from plants with deep roots that draw water at or near the groundwater surface (phreatophytes) in shallow groundwater areas and previously mentioned subsurface outflow to the Indio Subbasin including the Garnet Hill Subarea of the Indio Subbasin.

The updated groundwater model for the Mission Creek Subbasin developed as part of the 2022 Alternative Plan Update enhanced and expanded the understanding of groundwater recharge, groundwater flow, and groundwater storage in the Mission Creek Subbasin. The updated groundwater model included more of the northwestern part of the Mission Creek Subbasin where the Whitewater River paleochannel and Mission Creek stream channel are located. This area is remote and topographically and hydraulically upgradient of the main Mission Creek Subbasin, where groundwater production wells are located. Conceptually, groundwater in this area will continue to drain into the main Mission Creek Subbasin during periods of drought and will be replenished during wet periods. This natural condition occurs with or without groundwater production in the main Mission Creek Subbasin. However, the updated groundwater model storage calculations incorporate this area and, therefore, will have greater fluctuation in groundwater storage over drought and wet periods than calculations based on previous groundwater models or presented in annual reports prior to WY 2020-2021.

2.3 Mission Creek Subbasin Groundwater Management

In December 2004, CVWD, DWA, and MSWD signed the Mission Creek Settlement Agreement (2004 Settlement Agreement). The parties to the 2004 Settlement Agreement created a Mission Creek Subbasin Management Committee (Management Committee), made up of the General Managers from the Agencies, that meets quarterly to discuss on-going topics regarding management of the Mission Creek Subbasin and the Garnet Hill Subarea of the Indio Subbasin.

CVWD and DWA executed the Mission Creek Groundwater Management Agreement in 2014 to replace the previous 2003 Management Agreement. The 2014 Management Agreement provides for replenishing the Mission Creek Subbasin and sharing the costs of replenishment between CVWD and DWA.

[11] Minimal pumpers are groundwater pumpers who are not required to report production to CVWD (<25 AFY) or DWA (<10 AFY). As reported in the 2022 Alternative Plan Update, the amount of unmetered private well pumping in the Mission Creek Subbasin was estimated at approximately 480 AFY. This estimate agrees with previous estimates of approximately 500 AFY. Given the uncertainty in estimating this pumping, it is rounded to 500 AFY for WY 2023-2024.

The 2004 Settlement Agreement and the 2014 Management Agreement specify that the available State Water Project water will be allocated between the Mission Creek Subbasin and the western portion of the Indio Subbasin in proportion to the amount of water produced or diverted from each subbasin. The requirement to balance the cumulative replenishment water deliveries between the Mission Creek and Indio Subbasins was completed in 2024.

Under the authority of their enabling legislation, the CVWD and DWA have each designated an "Area of Benefit" for the purpose of assessing groundwater replenishment charges on groundwater production from their respective management areas of the Mission Creek Subbasin. The funds derived from these charges recover costs of recharging State Water Project (SWP) water that is exchanged with the Metropolitan Water District of Southern California (MWD) for Colorado River water from MWD's Colorado River Aqueduct (SWP Exchange Water) at the Mission Creek GRF.

Section 3 – Groundwater Elevation Data

Section 356.2(b) of the Sustainable Groundwater Management Act (SGMA) Emergency Regulations requires:

> *A detailed description and graphical representation of the following conditions of the basin managed in the Plan:*
>
> *(1) Groundwater elevation data from monitoring wells identified in the monitoring network shall be analyzed and displayed as follows:*
>
> *(A) Groundwater elevation contour maps for each principal aquifer in the basin illustrating, at a minimum, the seasonal high and seasonal low groundwater conditions.*
>
> *(B) Hydrographs of groundwater elevations and water year type using historical data to the greatest extent available, including from January 1, 2015, to current reporting year.*

3.1 Monitoring Wells

The 2022 Mission Creek Subbasin Alternative Plan Update, (2022 Alternative Plan Update [Wood and Kennedy Jenks, 2021]), established nine Key Wells for monitoring groundwater levels in the Mission Creek Subbasin (also referred to as the Subbasin). Additional agency monitoring well data are also used to assist in groundwater contouring and in preparing change in groundwater storage maps. **Table 3-1** identifies the Key Wells and the rationale for selecting these wells. The location of and construction information for the Key Wells are provided on **Figure 3-1**.

As of the beginning of 2022, the SGMA Portal Monitoring Network Module (MNM) replaced the California Statewide Groundwater Elevation Monitoring (CASGEM) program as the database for the SGMA groundwater well data and water level data. Data upload to CASGEM is no longer required for subbasins reporting to the SGMA Portal MNM. Data from Key Wells in the Mission Creek Subbasin were either migrated from CASGEM or uploaded to the MNM by January 2022. For compliance with the SGMA, the well reference point elevations and ground surface elevations were converted from National Geodetic Vertical Datum of 1929 (NGVD29) to North American Vertical Datum of 1988 (NAVD88) using the software program VDatum, published by the National Oceanic and Atmospheric Administration (NOAA).[12]

In 2023, Coachella Valley Water District (CVWD) resurveyed the elevation of its Key Wells to NAVD88 and used this datum to report its groundwater level data in the MNM beginning in WY 2022-2023. This annual report uses the new survey as the reference elevation for CVWD's Key Wells for both WY 2022-2023 and WY 2023-2024. MSWD and DWA resurveyed their respective Key Wells in 2024, however, the survey was not available in time for the preparation of this annual report.

In addition to monitoring groundwater levels in the nine Key Wells for SGMA compliance, the Agencies monitor groundwater levels in 15 additional wells in the Mission Creek Subbasin. Nine of these wells were used to supplement the Key Well data for groundwater contouring and change in storage maps. These supplemental wells are shown as "other agency wells" on **Figure 3-1**.

MSWD monitors groundwater levels in its wells monthly, while CVWD monitors groundwater levels three times per year. DWA monitors groundwater levels monthly in its monitoring well located near the Mission

[12] https://vdatum.noaa.gov/about/currentevents.html

Creek Groundwater Replenishment Facility (GRF) and in two private production wells. Groundwater level data utilized for this Mission Creek Subbasin Annual Report for Water Year (WY) 2023-2024 (Annual Report) are provided in **Appendix A**.

Table 3-1
Key Wells in the Mission Creek Subbasin - WY 2023-2024

State Well Number	Local Name	Map Name	Rationale for Selection as a Key Well
02S04E23N002S	Well No. 30	23N02	Long monitoring history. Northern portion of the northwestern Subbasin
02S04E28J001S	Well No. 35	28J01	Spatial coverage of the northwestern Subbasin
02S04E36D001S	Well No. 22	36D01	Long monitoring history. North central portion of the Subbasin
02S04E36K001S	Well No. 29	36K01	Long monitoring history. North central portion of the Subbasin
03S04E04P001S	PW2	4P01	Spatial coverage of the south portion of the northwestern Subbasin
03S04E11L004S	Well No. 31	11L04	South central part of the main Subbasin
03S04E12C001S	Well 3405	12C01	Long monitoring history. Near the center of the main Subbasin
03S05E15R001S	15R01	15R01	Southern end of the main Subbasin
03S05E17J001S	17J01	17J01	Long monitoring history. South central part of the main Subbasin

3.2 Groundwater Levels

Figure 3-2 presents the average groundwater elevations in the Mission Creek Subbasin based on WY 2023-2024 monitoring data. The extreme northwestern part of the Mission Creek Subbasin and the southeastern part of the Mission Creek Subbasin (Indio Hills) lack sufficient data to contour groundwater levels and these areas are delineated by a "Water level data boundary" on the figure. The Indio Hills area is underlain by low permeability sediments, and the northwestern part of the Mission Creek Subbasin is sparsely populated and wells in this area are scarce and privately owned.

Note that non-uniform groundwater contour intervals are used on **Figure 3-2**; a 100-foot contour interval is used to show the relatively steep hydraulic gradient in the northwest around the Mission Creek GRF, 20-foot contour intervals are used to show the hydraulic gradient west, east, and south of the Mission Creek GRF, and 10-foot contour intervals are used for contours in the remainder of the Mission Creek Subbasin.

San Bernardino County

Riverside County

Mission Creek

Mission Creek Groundwater Replenishment Facility

San Bernardino Mountains

Little San Bernardino Mountains

Whitewater River

Bonnie Bell

Whitewater River Groundwater Replenishment Facility

23N02

28J01

36D01

36K01

04P01

12C01

11L04

17J01

15R01

Map Name	Key Well (SWN)	Local Name	Screen Interval (feet bgs)
23N02	02S04E23N002S	Well No. 30	640 - 1,080
28J01	02S04E28J001S	Well No. 35	725 - 1,020
36D01	02S04E36D001S	Well No. 22	380 - 780
36K01	02S04E36K001S	Well No. 29	410 - 1,050
4P01	03S04E04P001S	PW2	430 - 1,010
11L04	03S04E11L004S	Well No. 31	270 - 1,000
12C01	03S04E12C001S	Well 3505	200 - 480
15R01	03S05E15R001S	15R01	200 - 400
17J01	03S05E17J001S	17J01	182 - 405

Explanation

- Other Agency Well
- Coachella Valley Water District - Key Well
- Mission Springs Water District - Key Well
- Desert Water Agency - Key Well
- Stream
- Highway/road
- Facility
- Low permeability/non-water bearing sediments/bedrock
- Mission Creek Subbasin fringe area
- Mission Creek Subbasin

Notes

1. bgs = below ground surface.
2. SWN=State Well Number

0 4,000 8,000
Feet

Basemap modified from aerial photograph provided by National Agriculture Imagery Program (NAIP), dated

KEY WELLS AND OTHER AGENCY WELLS WITH WATER LEVEL DATA
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: MWW	Date: 12/30/2024	Project No.: US0039461.9928
wsp	Figure 3-1	62

Date: 12/30/2024 Printed by: USMW719917
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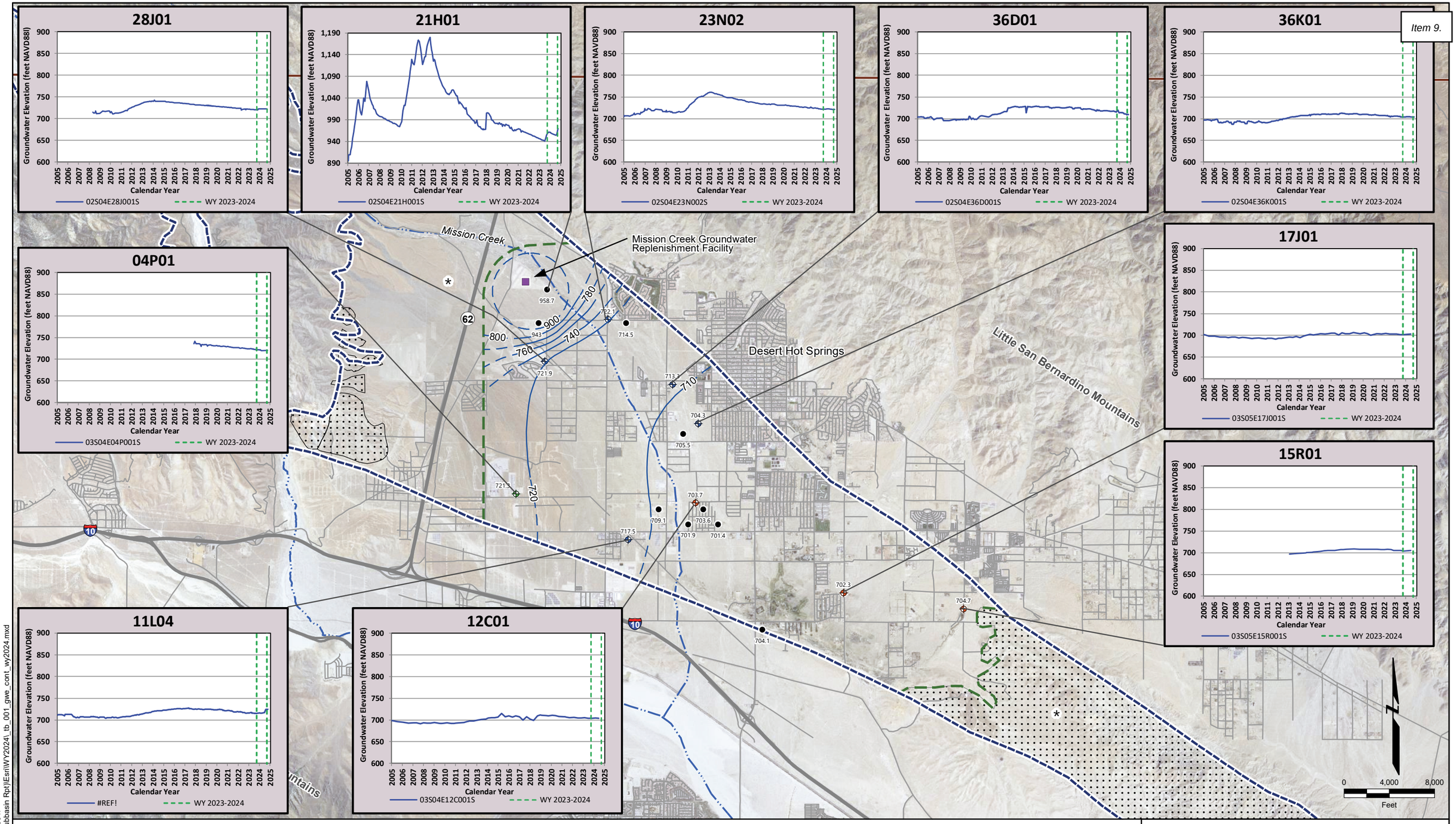
Average groundwater levels for the water year are presented because the Mission Creek Subbasin does not exhibit strong seasonal trends. Significant groundwater level fluctuations, however, are observed near the groundwater replenishment facility as proximal groundwater levels respond directly to replenishment water deliveries and have varied by more than 100 feet during periods of high replenishment. Greater variability is also observed in areas of greater groundwater pumping. Throughout the remainder of the Mission Creek Subbasin, groundwater level variations in wells monitored during WY 2023-2024 were about 11 feet or less during the year. In addition to averaging groundwater elevations, the groundwater level data used for contouring are subject to other factors such as well construction, dates of measurement, spatial distribution, proximity to pumping wells, etc. Therefore, the contours shown on **Figure 3-2** reflect generalized conditions for the water year rather than a precise snapshot of groundwater elevations at a specific time.

Groundwater level trend plots for the nine Key Wells and well 02S04E21H001S (21H01) are shown as insets on **Figure 3-2** to provide historical context of groundwater elevation fluctuations over time. Although 21H01 is not a Key Well, it is shown to illustrate that historically high groundwater levels occurred near the Mission Creek GRF because of groundwater replenishment. Groundwater elevation contours were developed using professional hydrogeological judgment. For example, groundwater contours are terminated roughly perpendicular to faults that impede groundwater flow, and high groundwater elevations in the northwestern portion of the Mission Creek Subbasin are contoured to represent a recharge mound at the Mission Creek GRF superimposed on a natural steepening of the groundwater gradient toward the northwestern part of the Mission Creek Subbasin (MWH, 2013).

Groundwater elevation contours interpreted for WY 2023-2024 are similar to the contours interpreted previously for WY 2022-2023 (WSP, 2023). Similarities were expected based on comparable water management activities in the Subbasin, including moderate recharge at the Mission Creek GRF that occurred only during the latter half of the water year and similar groundwater pumping as the previous water year.

3.3 Hydrographs

Figure 3-3 presents a hydrograph of groundwater levels at well 21H01 near the Mission Creek GRF, alongside the annual recharge at the Mission Creek GRF. This figure shows long-term changes in the groundwater level near the facility. Hydrographs for the Key Wells are provided in **Appendix B**. Each hydrograph in **Appendix B** is marked with a vertical blue dashed line indicating the commencement of replenishment activities in the Mission Creek Subbasin at the Mission Creek GRF in 2002. The hydrographs indicate that groundwater levels throughout the Mission Creek Subbasin have either increased, stabilized, or remained relatively constant since the commencement of groundwater replenishment activities and conservation efforts (described in Section 9).



Explanation

- Groundwater Replenishment Facility
- Monitored Well
  - Coachella Valley Water District - Key Well
  - Mission Springs Water District - Key Well
  - Desert Water Agency - Key Well
  - Other - Non Key Well
- Mission Creek Subbasin
- Water level data boundary line
- Low permeability/non-water bearing sediments/bedrock
- Groundwater elevation contour (feet NAVD88)
- Stream
- Highway/road
- Water level hydrograph for well indicated
- Water year (WY) 2023-2024
- * Water level data not available

Basemap modified from aerial photograph provided by National Agriculture Imagery Program (NAIP), dated May-July 2020.

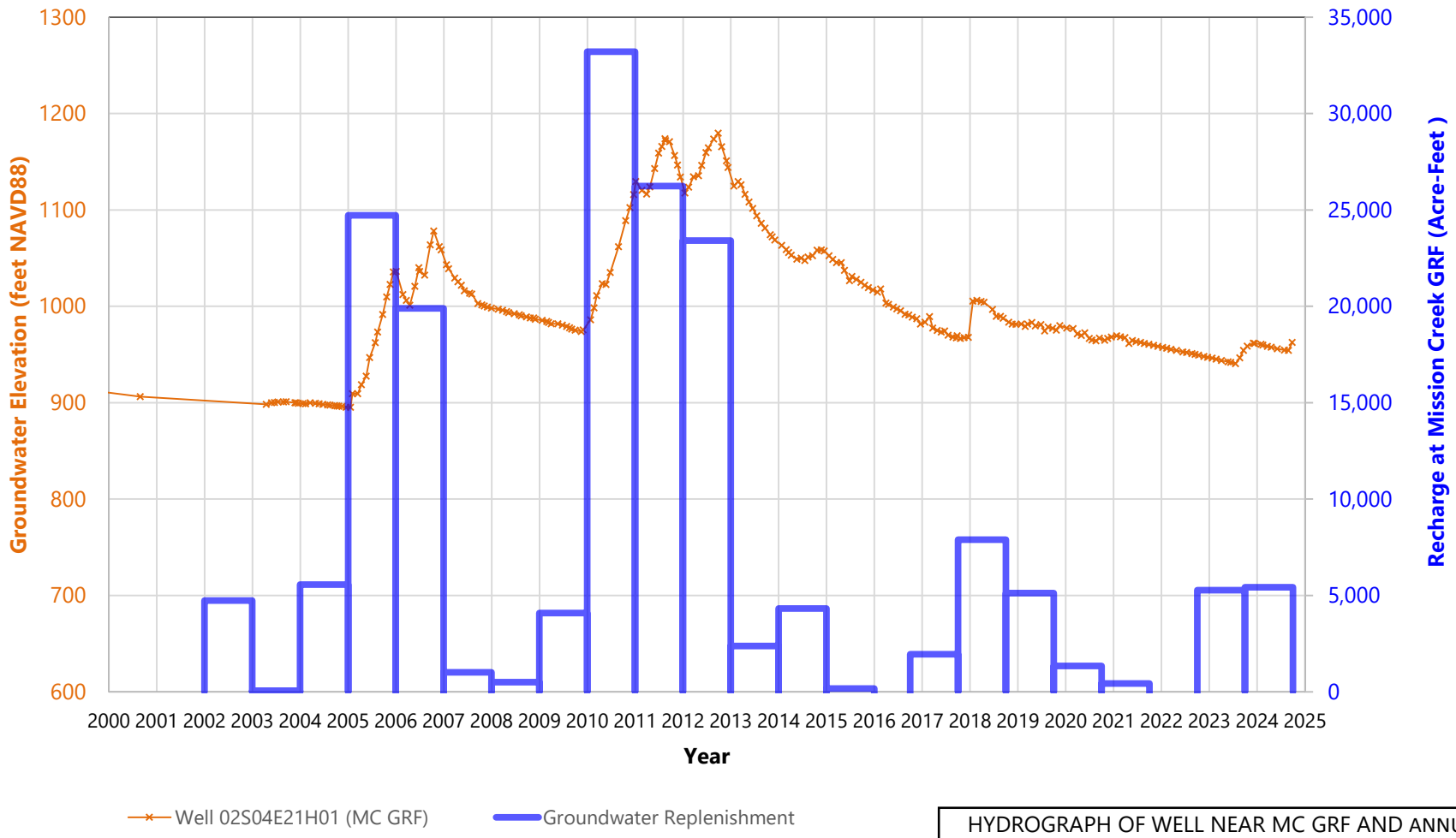
Notes

1. Groundwater elevation in feet above North American Vertical Datum (NAVD88). Multiple contour intervals are used to accommodate groundwater gradient variation across the Subbasin. 100-foot contour interval for elevations greater than 800 feet NAVD88, 20-foot contour interval between 720 and 800 feet NAVD88, and 10-foot contour below 740 feet NAVD88. Contours dashed where projected.
2. Water level boundary lines based on a lack of water level data. The eastern water level boundary line also corresponds to the boundary of low permeability sediments of the Indio Hills.

AVERAGE GROUNDWATER ELEVATION CONTOURS - WY 2023-2024
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: MWW	Date: 2/25/2025	Project No.: US0039461.9928
wsp	Figure 3-2	

Date: 2/25/2025 Printed by: USMW719917
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Notes:
Replenishment by calendar year through 2015 and water year thereafter
No recharge occurred from January 2016 to October 2016
No recharge occured in water year 2021-2022
MC GRF = Mission Creek Groundwater Replenishment Facility
NGVD88 = National Geodetic Vertical Datum 1988

HYDROGRAPH OF WELL NEAR MC GRF AND ANNUAL GROUNDWATER REPLENISHMENT AT THE MC GRF
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 1/10/2025	Project No.: US0039461.9928
WSP		Figure 3-3

Section 4 – Groundwater Extraction

Section 356.2(b) of the Sustainable Groundwater Management Act (SGMA) Emergency Regulations requires:

> *A detailed description and graphical representation of the following conditions of the basin managed in the Plan: …*
>
> *(2) Groundwater extraction for the preceding water year. Data shall be collected using the best available measurement methods and shall be presented in a table that summarizes groundwater extractions by water use sector and identifies the method of measurement (direct or estimate) and accuracy of measurements, and a map that illustrates the general location and volume of groundwater extractions.*

This section presents the groundwater extraction monitoring program results for the Mission Creek Subbasin (also referred to as the Subbasin) for Water Year (WY) 2023-2024.

During WY 2023-2024, 12,841 acre-feet (AF) of groundwater was extracted from 25 metered wells, and an estimated 500 AF from minimal pumpers,[13] for a total of 13,341 AF of groundwater production in the Mission Creek Subbasin. WY 2023-2024 total production was less than WY 2022-2023 production (13,489 AF) and the five-year average of total groundwater production (14,085 AF). Because the Coachella Valley Water District (CVWD) and Desert Water Agency (DWA) are authorized to collect replenishment assessments from groundwater producers, their respective legislations mandate the installation of water meters on all wells when the collective production for a producer's wells exceeds 25 acre-feet per year (AFY) in CVWD's service area, and 10 AFY in DWA's service area. **Table 4-1** summarizes groundwater pumping by water use sector. Approximately 90 percent of the metered groundwater produced in the Mission Creek Subbasin is produced for urban water use (as noted previously, municipal and recreational use are combined into the category of urban water use). The remaining approximately 10 percent of groundwater is produced for agricultural (metered), industrial (metered), or undetermined (estimated) purposes.

As indicated in **Table 4-1**, all production wells participating in the replenishment assessment programs are metered. As described above, an estimated 500 AFY of unreported groundwater pumping by minimal pumpers (less than 25 AFY in CVWD and 10 AFY in DWA) occurs in the Subbasin from unmetered wells.

Figure 4-1 presents a map showing the general locations of groundwater production in the Mission Creek Subbasin. This map summarizes the total WY 2023-2024 production within the Public Land Survey System sections (i.e., township, range, and sections). Sections are arranged in a grid and each section overlies an area of approximately one square mile. Where township sections extend beyond the Mission Creek Subbasin boundary, the sections have been trimmed to show only that part of the township section that overlies the Mission Creek Subbasin. Total groundwater production for each section is indicated by a color representing a range of production.

[13] As reported in the 2022 Alternative Plan Update, the amount of unmetered private well pumping in the Mission Creek Subbasin was estimated at approximately 480 AFY. This estimate agrees with previous estimates of approximately 500 AFY. Given the uncertainty in estimating this pumping, it is rounded to 500 AFY for WY 2022-2023.

Table 4-1
Groundwater Extractions by
Water Use Sector in the Mission Creek Subbasin - WY 2023-2024

Water Use Sector	Groundwater Extractions (AF)	Method of Measurement	Accuracy of Measurement[4]
Agriculture[1]	629	100% metered	±2%
Industrial	281	100% metered	±2%
Urban[2]	11,931	100% metered	±2%
Environmental	0	Not applicable	Not applicable
Undetermined[3]	500	100% estimated	±25%
Total Production	**13,341**		

Notes:

1. Includes fish farms.
2. Includes municipal and recreational uses.
3. Estimated production by minimal pumpers who are not required to report production to CVWD (<25 AFY) or DWA (<10 AFY).
4. Percent values are approximate.

San Bernardino County

Riverside County

Mission Creek

Mission Creek Groundwater Replenishment Facility

San Bernardino Mountains

Little San Bernardino Mountains

Desert Hot Springs

Bonnie Bell

Whitewater River

North Palm Springs

Indio Hills

Whitewater River Groundwater Replenishment Facility

San Jacinto Mountains

Palm Springs

Thousand Palms

Cathedral City

62

10

111

111

111

Explanation

- Stream
- Facility
- Mission Creek Subbasin
- Low permeability/non-water bearing sediments/bedrock
- Mission Creek Subbasin fringe area
- Highway/road

Groundwater Production by Area (Acre-Feet per Year)

- 10 - 100
- 101 - 500
- 501 - 1,000
- 1,001 - 2,500
- 2,501 - 4,000

Note:

Grid squares are based on township section and are approximately one square mile except where truncated by subbasin boundary. Total pumping is shown in sections where recent historical pumping exceeded minimal producer thresholds.

0 6,000 12,000

Feet

Basemap modified from aerial photograph provided by National Agriculture Imagery Program (NAIP), dated May-July 2020.

N

GROUNDWATER PRODUCTION
WY 2023-2024
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: MWW	Date: 12/24/2024	Project No.: US0039461.9928

wsp

Figure 4-1

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Section 5 – Surface Water

Section 356.2(b)(3) of the Sustainable Groundwater Management Act (SGMA) Emergency Regulations requires:

> *A detailed description and graphical representation of the following conditions of the basin managed in the Plan: …*
>
> *(3) Surface water supply used or available for use, for groundwater recharge or in-lieu use shall be reported based on quantitative data that describes the annual volume and sources for the preceding water year.*

This section presents the surface water availability and use for the Mission Creek Subbasin for Water Year (WY) 2023-2024. For purposes of this report, surface water supplies consist of local surface water, imported water consisting of State Water Project (SWP) water exchanged for Colorado River water (SWP Exchange Water), and treated wastewater produced by publicly owned wastewater treatment plants.

5.1 Precipitation

Monthly and annual precipitation data for areas in or near the Mission Creek Subbasin based on rain gauge stations monitored by the Riverside County Flood Control and Water Conservation District (RCFCWCD) for WY 2023-2024 (see **Table 5-1**). Precipitation on the local mountain watersheds generates runoff that infiltrates and contributes to groundwater recharge. The arid climate greatly reduces the contribution of direct precipitation as a source of recharge in general. Precipitation that occurred in the Mission Creek Subbasin during WY 2023-2024 based on three precipitation stations within or near the Mission Creek Subbasin included 3.56 inches (Edom Hill station), 4.16 inches (Desert Hot Springs station), and 11.39 inches (Whitewater North station). Among these precipitation stations, the Desert Hot Springs station is the only one with a sufficient record for comparison of annual values with its long-term average. The 4.16 inches of recorded precipitation at the Desert Hot Springs station in WY 2023-2024 is less than the 63-year (water year) mean of 5.1 inches for this station.

5.2 Streamflow

The United States Geological Survey (USGS) measures streamflow at one stream, the Mission Creek, in the Mission Creek Subbasin. The stream gauge on this creek was at the location identified as the "Former Mission Creek Stream Gauge" on **Figure 2-3** until February 14, 2019 when runoff generated by a storm event altered the channel of Mission Creek at the gauging station to a degree that the USGS was no longer able to gauge streamflow at the former stream gauge location and relocated the stream gauge approximately 1.4 miles downstream to the southeast of the old location as shown on **Figure 2-3** (Wood, 2021). On August 20, 2023, the new stream gauge station was damaged by flooding and has not yet been repaired. The gauge is managed by the USGS in cooperation with Riverside County Flood Control and Water Conservation District (RCFCWCD). The Agencies are aware that USGS and RCFCWCD are in discussions to restore the stream gauge to the original location.

Figure 5-1 shows stream gauge flow by water year from WY 1967-1968 to WY 2021-2022 and the average stream flow for this period was 1,776 acre-feet per year (AFY). Figure 5-1 also shows the stream gauge flow of approximately 1,158 AF for a portion of the WY 2022-2023 through August 19, 2023, when the new station was damaged. For WY 2023-2024 no data are available for the stream flow runoff

because the stream gauge has not been repaired (see **Table 5-2**). Alternative methods for estimating stream flow are being considered until the gauging station is restored.

Table 5-1
Mission Creek Subbasin Area, Monthly and Annual Precipitation (Inches) - WY 2023-2024

Station Name: Location:	Whitewater North Mission Creek Subbasin (inches)	Desert Hot Springs Desert Hot Springs Subbasin (inches)	Edom Hill Mission Creek Subbasin (inches)
October	0	0	0
November	0.63	0.33	0.48
December	0.64	0.67	0.95
January	2.60	1.19	0.71
February	5.27	1.65	1.16
March	1.61	0.28	0.24
April	0.37	0	0
May	0.17	0	0
June	0	0	0
July	0.02	0.02	0
August	0	0.02	0
September	0.08	0	0.02
Total	**11.39**	**4.16**	**3.56**
Average	**6.37**		

Note:
Data provided by RCFCWCD.

Stream flow in the Mission Creek stream channel naturally replenishes the Mission Creek Subbasin. Although previous annual reports quantified the Mission Creek streamflow runoff, it is not used in the water balance (Section 7). It is included as part of the natural recharge component simulated in the updated groundwater model for the Mission Creek Subbasin, which includes mountain-front recharge (surface and subsurface inflow) from all watersheds with inflow to the Mission Creek Subbasin. There is no direct use of local surface water in the Mission Creek Subbasin.

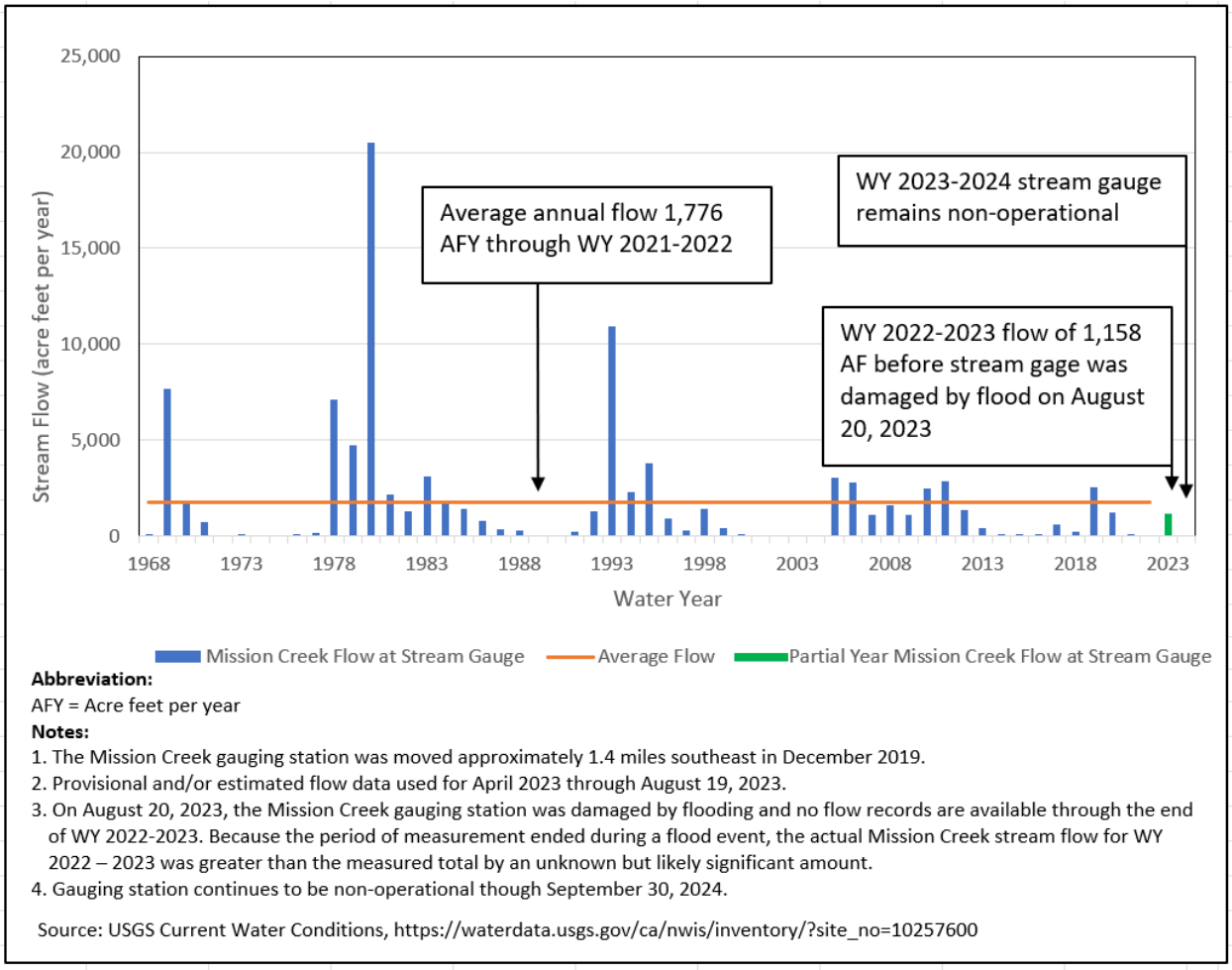
Table 5-2
Local Streamflow Data in the Mission Creek Subbasin – WY 2022-2023

Gauge Number	Gauge Name	Stream Flow (AF)
10257600	Mission C Nr Desert Hot Springs CA	Not Available[1]

Notes:

1. Stream gauge was damaged on August 20, 2023, by flooding and has not yet been repaired.

Figure 5-1
Measured Stream Flow at the Mission Creek Gauge Station



Abbreviation:
AFY = Acre feet per year
Notes:
1. The Mission Creek gauging station was moved approximately 1.4 miles southeast in December 2019.
2. Provisional and/or estimated flow data used for April 2023 through August 19, 2023.
3. On August 20, 2023, the Mission Creek gauging station was damaged by flooding and no flow records are available through the end of WY 2022-2023. Because the period of measurement ended during a flood event, the actual Mission Creek stream flow for WY 2022 – 2023 was greater than the measured total by an unknown but likely significant amount.
4. Gauging station continues to be non-operational though September 30, 2024.

Source: USGS Current Water Conditions, https://waterdata.usgs.gov/ca/nwis/inventory/?site_no=10257600

5.3 Imported Water Deliveries

In addition to natural replenishment from precipitation and stream flow, the Mission Creek Subbasin receives artificial replenishment from the importation of State Water Project (SWP) Exchange Water. The Desert Water Agency (DWA) and Coachella Valley Water District (CVWD) provide artificial replenishment of the Mission Creek Subbasin through their Groundwater Replenishment Programs (GRPs). Groundwater replenishment is accomplished through direct replenishment, in which imported surface water is infiltrated directly into the aquifer.

The CVWD and DWA each have a Water Supply Contract with the California Department of Water Resources (CDWR) for SWP water with a combined Table A Amount[14] of 194,100 acre-feet per year (AFY) as shown in **Table 5-3**, which includes 100,000 AFY transfer from MWD under the Agreement for Exchange and Advance Delivery of Water. There are no physical facilities to deliver SWP water to the Coachella Valley. Rather than construct physical connections to the SWP, CVWD, and DWA entered into separate agreements in 1967 with the Metropolitan Water District of Southern California (MWD), under which CVWD and DWA deliver their SWP water to MWD, and in exchange, MWD delivers an equal amount of Colorado River water to CVWD and DWA. The original 1967 Exchange Agreements have been updated over the years, most recently in 2019. CVWD's and DWA's SWP Exchange Water is delivered at the Whitewater River and Mission Creek turnouts from MWD's Colorado River Aqueduct (CRA), which extends from Lake Havasu through the Coachella Valley to MWD's Lake Mathews.

SWP Exchange Water has been used to recharge the Mission Creek Subbasin at the Mission Creek Groundwater Replenishment Facility (GRF) since 2002. The MWD, DWA, and CVWD executed an Advance Delivery Agreement in 1984 that allows the MWD to pre-deliver up to 600,000 acre-feet (AF) of SWP water into the Coachella Valley. The MWD then has the option to deliver CVWD's and DWA's SWP allocation either from the CRA or from previously stored groundwater in the basin (i.e., credit from advance deliveries). This agreement was subsequently amended to increase the pre-delivery amount to a maximum of 800,000 AF.

Table 5-3
State Water Project Table A Amounts

Agency	Acre Feet Per Year					
	Original SWP Table A	Tulare Lake Basin Transfer #1	Tulare Lake Basin Transfer #2	Metropolitan Transfer	Berrenda Mesa Transfer	Total
CVWD	23,100	9,900	5,250	88,100	12,000	138,350
DWA	38,100	--	1,750	11,900	4,000	55,750
Total	61,200	9,900	7,000	100,000	16,000	194,100

Each year, the CDWR determines the amount of water available for delivery to SWP contractors based on hydrology, reservoir storage, the requirements of water rights licenses and permits, water quality, and environmental requirements for protected species in the Sacramento-San Joaquin Delta. The available supply is then allocated according to each SWP contractor's Table A Amount. For 2024, the CDWR initially allocated 15 percent of Table A amounts to contractors. The allocation increased to 30 percent in March 2024, and then to 40 percent in April 2024 (CDWR, 2024).

[14] Each SWP contract contains a "Table A" exhibit which defines the maximum annual amount of water each contractor can receive excluding certain interruptible deliveries. Table A amounts are used by the CDWR to allocate available SWP supplies and some of the SWP project costs among the contractors.

During WY 2023-2024, as shown in **Table 5-4**, the MWD received, on behalf of CVWD and DWA, 16,945 AF of SWP water. On behalf of CVWD, the MWD received 7,500 AF of Rosedale-Rio Bravo water. MWD also received, on behalf of CVWD, 35,000 AF of MWD Table A water transferred to CVWD under the Quantification Settlement Agreement (QSA) provided as SWP Exchange Water. The total deliveries of SWP Exchange Water to the MWD for WY 2023-2024 were 100,119 AF. The 2019 Second Amendment to the Delivery and Exchange Agreement (CVWD, 2019) states CVWD will receive 15,000 AFY of the 20,000 AFY from the 1988 MWD/IID Approval Agreement at the Whitewater River GRF from calendar year 2020 through calendar year 2026; MWD retains 5,000 AFY. Including this transfer, the total exchanged with MWD in WY 2023-2024 was 115,119 AF. The 35,000 AF of MWD Table A water transferred to CVWD under the QSA and the 1988 MWD/IID Approval Agreement can only be delivered in the Indio Subbasin and are not subject to the delivery agreements of the 2004 Settlement Agreement between the Management Committee Agencies.

The provisions of the Advance Delivery agreement allow CVWD and DWA to receive direct deliveries of SWP Exchange Water or water delivered from the Advance Delivery Account. As shown in **Table 5-4**, the Advance Delivery Account was increased by 171,520 AF, representing the difference between total water delivered to Coachella Valley less the total exchange water. Of the 286,639 AF of water delivered to Coachella Valley, 281,207 AF were delivered to the Whitewater River GRF, and 5,432 AF were delivered to the Mission Creek GRF.

Table 5-4
Deliveries of CVWD and DWA State Water Project Water
to Metropolitan Water District - WY 2023-2024

Description	CVWD (AF)	DWA (AF)	Total (AF)
Table A	11,353	5,592	16,945
Article 21 "Interruptible"	--	--	--
Turnback Pool A and B	--	--	--
Multi-Year Pool	--	--	--
Dry Year (Yuba)	--	--	--
Flex Storage Payback	--	--	--
Article 56 (c) "Carryover" from 2019 delivered in 2020	28,991	11,683	40,674
Rosedale-Rio Bravo	7,500	--	7,500
CVWD QSA Transfer	35,000	--	35,000
Total Delivered to MWD	**82,844**	**17,275**	**100,119**
1988 MWD/IID Approval Agreement Exchange	15,000	--	15,000
Total Exchanged	**97,844**	**17,275**	**115,119**
Water Delivered to CVWD and DWA at Whitewater River GRF			281,207
Water Delivered to CVWD and DWA at Mission Creek GRF			5,432
Total Water Delivered to Coachella Valley			**286,639**
Credit to/from Advance Delivery Account[1]			**171,520**

Notes:

1. Credit to/from Advance Delivery Account is the difference between Total Water Delivered to Coachella Valley and Total Exchanged.

Table 5-5 summarizes the imported water deliveries to the Mission Creek Subbasin for replenishment in WY 2023-2024. Total imported water deliveries were 5,432 AF, all for aquifer recharge. Historically, the Mission Creek GRF has recharged an average of about 7,728 AFY with as much as 33,200 AFY as a part of advance deliveries.

Table 5-5
Imported Water Use in the Mission Creek Subbasin - WY 2023-2024

Water Use Sector	Water Source	Imported Water Use (AF)	Method of Measurement	Accuracy of Measurement[1]
Aquifer Recharge	SWP Exchange Water	5,432	100% metered	±2%
Total Imported Water		**5,432**		

Notes:

1. Percent values are approximate.

5.4 Recycled Water

There is no recycled water use in the Mission Creek Subbasin. However, the municipal wastewater treated in the Mission Creek Subbasin is disposed of through percolation/evaporation ponds at the treatment plants. The disposal volumes in WY 2023-2024 are listed in **Table 5-6**. In WY 2023-2024, a total of 2,352 AF of wastewater was treated, all of which was disposed through percolation/evaporation.[15]

Table 5-6
Wastewater Treatment and Disposal in the Mission Creek Subbasin - WY 2023-2024

Water Treatment Plant	Wastewater Treatment and Disposal (AF)
MSWD – Horton WWTP	2,304
MSWD – Desert Crest WWTP	48
Total	**2,352**

[15] The evaporation component is calculated based on volume of total percolated effluent as described in Section 7.

Section 6 – Total Water Use

Section 356.2(b)(4) of the Sustainable Groundwater Management Act (SGMA) Emergency Regulations requires:

> *A detailed description and graphical representation of the following conditions of the basin managed in the Plan:*
>
> *Total water use shall be collected using the best available measurement methods and shall be reported in a table that summarizes total water use by water use sector, water source type, and identifies the method of measurement (direct or estimate) and accuracy of measurements. Existing water use data from the most recent Urban Water Management Plans or Agricultural Water Management Plans within the basin may be used, as long as the data are reported by water year.*

This section presents the total water use for the Mission Creek Subbasin (also referred to as the Subbasin) for Water Year (WY) 2023-2024. For purposes of this report, water use is only direct water use (i.e., consumptive use). There is no direct use of surface water in the Mission Creek Subbasin.

Table 6-1 lists the net water use by sector, the source type of the water, the method of measurement, and the estimated accuracy of the measurements. The information presented in this table is derived from the tables in Sections 4 and 5. The volumes for water sources (i.e., groundwater production and imported groundwater delivered from the Garnet Hill Subarea of the Indio Subbasin) were added together to calculate the total water use in the Mission Creek Subbasin. Water was imported from the Garnet Hill Subarea of the Indio Subbasin for use in the Mission Creek Subbasin and exported from the Mission Creek Subbasin for use in the communities of the Desert Hot Springs Subbasin. The Garnet Hill Subarea and the communities of the Desert Hot Springs Subbasin are in the planning area defined in the Mission Creek Alternative Plan Update (2022 Alternative Plan Update [Wood and Kennedy Jenks, 2021]). The quantity exported is shown in a separate column as a negative value in **Table 6-1** indicating that it is deducted out of the total water use in the Mission Creek Subbasin. Note that aquifer recharge is not included in this table because it is not a direct use of water in the Mission Creek Subbasin. In the Mission Creek Subbasin, imported water consists of State Water Project (SWP) water that is exchanged with the Metropolitan Water District of Southern California (MWD) for Colorado River water from MWD's Colorado River Aqueduct (SWP Exchange Water). SWP Exchange Water is only used for aquifer recharge and treated wastewater is not recycled for direct use; however, the disposal of wastewater in the Mission Creek Subbasin results in return flow through percolation.

Table 6-1 shows that groundwater production for direct use in WY 2023-2024 amounted to 13,341 acre-feet (AF). **Table 6-1** also shows that 305 AF of groundwater was imported from the Garnet Hill Subarea of the Indio Subbasin to partially meet Mission Springs Water District's (MSWD's) water demands, and that 5,913 AF of groundwater was exported to the Desert Hot Springs Subbasin by the Coachella Valley Water District (CVWD) and MSWD. Total direct use for WY 2023-2024 within the Mission Creek Subbasin was 7,733 AF.

Table 6-1
Total Direct Water Use by Sector and Source in the Mission Creek Subbasin - WY 2023-2024

Water Use Sector	Water Source		Exported for Use Outside Subbasin[2] (AF)	Total Water Use Within Subbasin[3] (AF)	Method of Measurement	Accuracy of Measurement[4]
	Groundwater Production (AF)	Groundwater from Adjacent Subbasins[1] (AF)				
Agriculture[5]	629	0	0	629	100% metered	±2%
Industrial	281	0	0	281	100% metered	±2%
Urban[6]	11,931	305	-5,913	6,323	See note 6	See note 6
Environmental	0	0	0	0	Not applicable	Not applicable
Undetermined[7]	500	0	0	500	100% estimated	±25%
Total	13,341	305	-5,913	7,733		

Notes:

1. Consists of groundwater imported from the Garnet Hill Subarea of the Indio Subbasin in WY 2023-2024 based on customer billing records.
2. Exported water is delivered to customers overlying the adjacent Desert Hot Springs Subbasin, which is part of the 2022 Alternative Plan Update planning area and is estimated based on customer billing records and non-revenue water values from annual water distribution system audits.
3. Total Water Use within the Mission Creek Subbasin is the sum of Groundwater Production in the Mission Creek Subbasin and Imported from Adjacent Subbasins less Water Exported for Use Outside the Mission Creek Subbasin.
4. Percent values are approximate.
5. Includes fish farms.
6. Includes municipal and recreational uses. Measurement is based on urban pumping that is 100% metered and on metered consumption in communities outside the Subbasin corrected for system water loss. The accuracy of metered groundwater production is ±2%. See note 2 regarding the measurement of exported water.
7. Estimated production by minimal pumpers who are not required to report production to CVWD (<25 AFY) or DWA (<10 AFY).

Section 7 – Groundwater Balance and Change in Groundwater Storage

Section 356.2(b)(4) of the Sustainable Groundwater Management Act (SGMA) Emergency Regulations requires:

> *A detailed description and graphical representation of the following conditions of the basin managed in the Plan: …*
>
> *(5) Change in groundwater in storage shall include the following:*
>
> *(A) Change in groundwater in storage maps for each principal aquifer in the basin.*
>
> *(B) A graph depicting water year type, groundwater use, the annual change in groundwater in storage, and the cumulative change in groundwater in storage for the basin based on historical data to the greatest extent available, including from January 1, 2015, to the current reporting year.*

This section presents the groundwater balance and change in storage for the Mission Creek Subbasin (also referred to as the Subbasin) for Water Year (WY) 2023-2024. A groundwater balance is a budget comparing inflows of groundwater into a basin/subbasin against outflows of groundwater from the basin/subbasin. The difference between inflows and outflows for a given period (typically one year) is defined as the change in storage for that period.

7.1 Groundwater Inflows

Mission Creek Subbasin groundwater inflows consist of:

- Mountain-front inflow and infiltration.
- Inflows from adjacent subbasins.
- Infiltration of return flows from use (e.g., urban and agricultural use).
- Artificial recharge.

Groundwater inflows are described by category in the following subsections.

7.1.1 Mountain-Front Recharge

Precipitation in the bordering San Bernardino Mountains produces surface runoff and subsurface inflow, which are the principal natural sources of recharge to the Mission Creek Subbasin. The volume of this natural recharge referred to as mountain-front recharge varies dramatically annually due to wide variations in precipitation. Outside of the Whitewater River channel area, where there is a potentially limited hydrogeologic connection with the main part of the Mission Creek Subbasin, the only perennial flow is limited to Mission Creek, and this perennial flow only occurs at the upper reaches of the creek outside of the Mission Creek Subbasin.

In Annual Reports prior to the Annual Report for WY 2020-2021, the annual natural recharge estimates were 7,500 acre-feet per year (AFY).[16] An update to the Mission Creek Subbasin groundwater model in the Mission Creek Subbasin Alternative Plan Update (2022 Alternative Plan Update; [Wood and Kennedy

[16] Based on groundwater modeling and analyses performed for the Mission Creek-Garnet Hill Water Management Plan (MWH, 2013; Psomas, 2013).

Jenks, 2021]) included a new methodology for calculating mountain-front recharge using the United States Geological Survey (USGS) Basin Characterization Model (BCM). The BCM is a grid-based model that utilizes the Parameter-elevation Relationships on Independent Slopes Model (PRISM) monthly 800 x 800-meter grid precipitation data set compiled by the PRISM Climate Group, Oregon State University. BCM calculates the monthly water balance for California watersheds using climate inputs including local stream gauge data and PRISM precipitation, minimum and maximum air temperature, evapotranspiration, and topography (USGS, 2021). Natural recharge estimates beginning in the Annual Report for WY 2020-2021 are based on the BCM-calculated average mountain-front recharge of 5,700 AFY for the 25-year period 1995 through 2019 as documented in the updated groundwater model for the Mission Creek Subbasin. The decrease in the average natural recharge results from using a shorter, more recent period that has been dominated by hydrologic conditions that are drier than the long-term average of years since 1978.

Although direct precipitation occurs across the surface of the Mission Creek Subbasin, the arid conditions and the significant depth to groundwater across most of the Subbasin preclude substantial deep direct percolation of precipitation to groundwater under typical conditions. The limited precipitation that falls on the Subbasin floor is readily absorbed into the dry near-surface soils and is subject to evaporation. Under rare wet precipitation years, sustained precipitation events and multiple precipitation events result in the ponding of water on the valley floor and provide more substantial recharge contributions.

7.1.2 Inflows from Adjacent Subbasins

Inflow from outside the Mission Creek Subbasin consists of natural underflow from the adjacent Desert Hot Springs Subbasin across the Mission Creek fault. This inflow was estimated using the updated groundwater model documented in the 2022 Alternative Plan Update. The value was estimated using model results for simulated underflow from 2019 and rounded to the nearest 50 AFY. The period 2019 is the most recent simulation in the updated groundwater model and the most representative of current conditions. Underflow from the Desert Hot Springs Subbasin into the Mission Creek Subbasin for WY 2023-2024 is estimated to have been about 1,150 AFY (**Table 7-1**). This is a relatively small component of the water balance (less than 3 percent) and is relatively stable. From 2009 to 2019, the underflow ranged from 1,128 AFY to 1,291 AFY and averaged 1,178 AFY.

Table 7-1
Estimated Subsurface Inflow from Adjacent Subbasins into the Mission Creek Subbasin - WY 2023-2024

Mission Creek Subbasin Boundary	Estimated Subsurface Inflow (AF)
Desert Hot Springs Subbasin to Mission Creek Subbasin	1,150[1]

Notes:

1. Based on the simulated subsurface underflow in 2019 (Wood and Kennedy Jenks, 2021) and rounded to the nearest 50 AF.

7.1.3 Return Flows from Use

Return flows from water use in the Mission Creek Subbasin is the difference between the amount of water applied for irrigation (agricultural, golf course, or urban) and the amount consumed by plants to satisfy their evapotranspiration requirement. Water is also returned to the Mission Creek Subbasin through percolation of treated wastewater and septic tank return flows. For this report, a relatively rigorous calculation of return flows[17] for the infiltration of applied irrigation water was used that considers types of water use, irrigation efficiency, and water conservation impacts. For WY 2023-2024, the irrigation component of the return flows for overlying use within the Mission Creek Subbasin (i.e., excluding water exported to the Desert Hot Springs Subbasin) was 1,449 AF.

Other components of return flows are wastewater disposal and septic return flow. Portions of the Mission Creek Subbasin and Desert Hot Springs Subbasin are served by municipal sewer systems that convey wastewater to municipal treatment plants operated by the Mission Springs Water District (MSWD). All treated wastewater is disposed of in percolation/evaporation ponds located within the Mission Creek Subbasin, as described in Section 5. Wastewater disposal to percolation/evaporation ponds was 2,353 AF in WY 2023-2024 (evaporation is accounted for based on an evaporation factor applied to the total amount of wastewater disposal by percolation; see Section 7.2.2). Portions of the Mission Creek Subbasin that do not currently have access to the sewer systems use septic tank/leachfield systems to treat and dispose of wastewater. It is estimated that about 936 AF of septic effluent was discharged to the Mission Creek Subbasin in WY 2023-2024 based on the estimated number of water users with septic tanks, including unmetered minimal pumpers. For WY 2023-2024, the total return flows to the Mission Creek Subbasin, including infiltration of applied irrigation water (1,449 AF), wastewater percolation (2,353 AF), and septic tank percolation (936 AF), was 4,738 AF, or approximately 40 percent of the total inflow budget for WY 2023-2024 (not including inflow from groundwater replenishment).

Both return flows and wastewater disposal are affected by water use efficiency and overall demands. As conservation efforts increase, groundwater production and the amount of return flow should decrease, reducing groundwater outflows from pumping and return flows to the Mission Creek Subbasin.

7.1.4 Artificial Recharge

Artificial recharge is performed at the Mission Creek Groundwater Replenishment Facility (Mission Creek GRF) using State Water Project (SWP) Exchange Water as described in Section 5. Recharge at the Mission Creek GRF is variable based on the availability of SWP Exchange Water and deliveries by the Metropolitan Water District of Southern California (MWD). During WY 2023-2024, a total of 5,432 AF of imported water was recharged at the Mission Creek GRF.

7.1.5 Summary of Groundwater Inflows

Mountain-front recharge in the amount of 5,700 AF is based on a 25-year average of mountain-front recharge for the period 1995 through 2019 using the BCM documented in the updated Mission Creek Subbasin groundwater model presented in the 2022 Alternative Plan Update. Subsurface inflows from adjacent subbasins (1,150 AF) are based on 2019 inflow as derived from the updated Mission Creek

[17] Return flow calculations are documented in Appendix B, Computation of Non-Consumptive Return, in: Engineer's Report on Water Supply and Replenishment Assessment 2018-2019, prepared by Krieger & Stewart Engineering Consultants (K&SEC) and Stantec (K&SEC and Stantec, 2018) and in K&SCE and Stantec, 2017.

Subbasin groundwater model. Combined, these inflows are considered natural inflows, totaling 6,850 AF for WY 2023-2024. Return flows from use are based on WY 2023-2043 data and include an irrigation return component of 1,449 AF, a wastewater treatment component of 2,353 AF, and a septic system component of 936 AF. The combined inflow for return flows from these uses for the water year is 4,738 AF. Artificial recharge for WY 2023-2024 totaled 5,432 AF. The estimated total WY 2023-2024 groundwater inflow to the Mission Creek Subbasin based on natural recharge, returns from use, and artificial recharge is 17,020 AF.

7.2 Groundwater Outflows

Mission Creek Subbasin groundwater outflows consist of:

- Groundwater pumping to meet customer demands.
- Evaporative losses from recharge and percolation facilities.[18]
- Evapotranspiration from vegetation in shallow groundwater areas.
- Natural subsurface outflow from the Mission Creek Subbasin into the adjacent subbasins.

Groundwater outflows are described by category in the following subsections.

7.2.1 Groundwater Pumping

Groundwater pumping refers to the amount of groundwater pumped for agricultural, industrial, urban, and other uses. Groundwater pumping is the largest component of outflow from the Mission Creek Subbasin. During WY 2023-2024, a total of 13,341 AF of groundwater was pumped for beneficial uses within the Mission Creek Subbasin or for beneficial use in the adjacent Desert Hot Springs Subbasin and Garnet Hill Subarea of the Indio Subbasin.

7.2.2 Evapotranspiration and Evaporation

Native vegetation on undeveloped land receives its water supply from precipitation and shallow groundwater. Prior to the WY 2020-2021 Annual Report, evapotranspiration from vegetation was estimated at 900 AFY using a modeled long-term average evapotranspiration (Psomas, 2013). Beginning for WY 2020-2021 and for WY 2023-2024, the evapotranspiration was estimated at 950 AF using the evapotranspiration derived from the updated Mission Creek Subbasin model for 2019 (presented in the 2022 Alternative Plan Update) and rounded to the nearest 50 AF. The year 2019 was selected because it is the most recent year simulated by the updated groundwater model and is most representative of current conditions.

In addition to evapotranspiration, a portion of the imported water used for recharge (2 percent) is estimated to be lost to evaporation. Similarly, a portion of the wastewater disposal (3 percent) is estimated to be lost to evaporation. The evaporation of these two components are estimated at approximately 179 AF for WY 2023-2024.

[18] Evaporative losses from recharge and percolation facilities are shown as outflows for the purpose of these calculations.

7.2.3 Subsurface Outflow from the Mission Creek Subbasin

Subsurface outflows from the Mission Creek Subbasin occur primarily across the Banning fault and through semi-permeable sediments of the Indio Hills. Combined, these outflows were estimated to have been 5,100 AFY during previous years based on the modeled long-term average outflow (Psomas, 2013). For WY 2023-2024, the total outflow was estimated based on the outflows for 2019 in the updated Mission Creek groundwater model described in the 2022 Alternative Plan Update rounded to the nearest 50 AF. The combined subsurface outflow across the Banning fault and Indio Hills for WY 2023-2024 is estimated to be 2,350 AF. A breakdown of this outflow is provided by area in the following paragraph.

The Banning fault, separating the Mission Creek Subbasin from the Indio Subbasin (and Garnet Hill Subarea of the Indio Subbasin), is not impermeable to groundwater flow. Groundwater elevation differences ranging from 100 to 300 feet across the Banning fault result in subsurface outflow from the Mission Creek Subbasin to the Indio Subbasin. The updated groundwater model in the 2022 Alternative Plan Update indicates that the estimated subsurface outflow across the fault in 2019 was about 2,000 AF. For this same period, the updated model estimates an outflow into the semi-permeable sediments of the Indio Hills of about 350 AF.

Table 7-2
Estimated Subsurface Outflows from the
Mission Creek Subbasin – WY 2023-2024

Mission Creek Subbasin Boundary	Estimated Subsurface Outflow (AF)
Mission Creek Subbasin to Indio Subbasin/Garnet Hill Subarea	2,000[1]
Mission Creek Subbasin to Indio Hills	350[1]
Total Boundary Outflow	**2,350**

Notes:

1. Based on the subsurface underflow from 2019, derived from the updated Mission Creek Subbasin groundwater model in the 2022 Alternative Plan Update rounded to the nearest 50 AF.

7.2.4 Summary of Groundwater Outflows

Pumping records for the water year and estimates of unreported groundwater pumping indicate groundwater outflow from pumping was 13,341 AF. Outflows from evaporation associated with facilities for wastewater treatment and artificial recharge are 179 AF based on WY 2023-2024 operation data. Evapotranspiration was estimated at 950 AF. Outflows resulting from subsurface flow out of the Mission Creek Subbasin into adjacent subbasins and into the semi-permeable sediments in the Indio Hills portion of the Mission Creek Subbasin were estimated at 2,350 AF. Both evapotranspiration and subsurface flow are based on estimates for 2019 using the updated groundwater model documented in the 2022 Alternative Plan Update. The total outflow from subsurface outflow, evapotranspiration, and evaporation from wastewater treatment and imported water recharge is 3,479 AF. With groundwater pumping added, the total WY 2023-2024 groundwater outflow from the Mission Creek Subbasin is 16,820 AF.

7.3 Annual Change in Groundwater Storage

The annual change in groundwater storage represents the difference between inflows and outflows in the Mission Creek Subbasin. During wet years or periods of high artificial recharge, the change in storage is positive (water in storage increases). In dry years or periods of lower artificial recharge, the change in storage is often negative (storage decreases). The calculated change in groundwater storage in the Mission Creek Subbasin for WY 2023-2024 is an increase of 200 AF. As described in Section 7.1.1, the long-term average of mountain-front recharge is used for the water balance and change in storage calculations in the annual reports. A breakdown of the water balance components for WY 2023-2024 is provided in **Table 7-3**. A generalized graphical representation of the water balance components is provided on **Figure 7-1**.

Table 7-3
Groundwater Balance in the Mission Creek Subbasin - WY 2023-2024

Component	WY 2023-20232 (AF)
Inflows	
Natural inflows – mountain-front recharge	5,700
Subsurface inflows from adjacent subbasins	1,150
Infiltration of applied irrigation water	1,449
Wastewater percolation	2,353
Septic tank percolation	936
Artificial recharge	5,432
Total Inflow	**+17,020**
Outflows	
Groundwater pumping	13,341
Evaporative losses	179
Evapotranspiration from the shallow aquifer	950
Subsurface outflow to adjacent subbasins	2,350
Total Outflow	**-16,820**
Change in Groundwater Storage	**200**

Figure 7-1
Annual Groundwater Balance in the Mission Creek Subbasin - WY 2023-2024

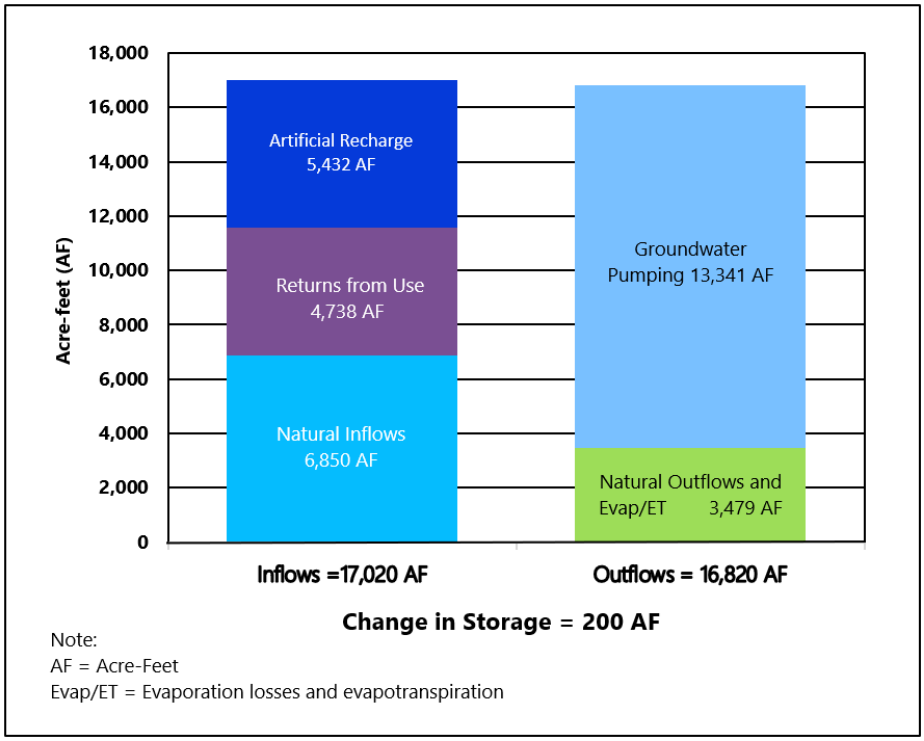
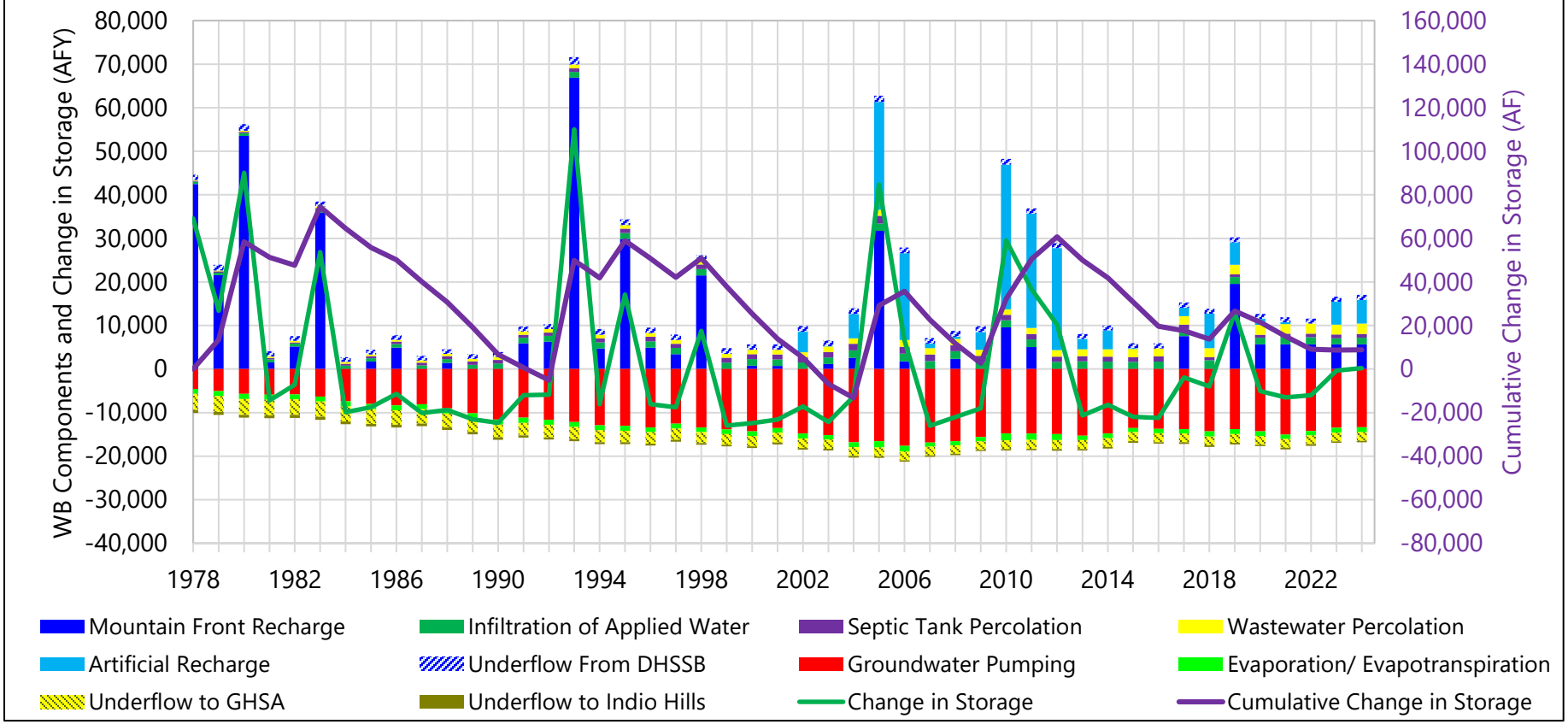


Figure 7-2 shows the water balance components, change in groundwater storage, and cumulative change in storage in the Mission Creek Subbasin from 1978 to the present. The chart begins in 1978 because relatively complete and reliable groundwater production records were available for the Mission Creek Subbasin from that point forward. Mountain-front recharge into the Mission Creek Subbasin was estimated for each year through and including 2019 using USGS BCM. The BCM data were used in the updated Mission Creek Subbasin groundwater model, documented in the 2022 Alternative Plan Update, to derive subsurface flows into and out of the Mission Creek Subbasin for each year.

This approach to displaying the groundwater balance components, change in groundwater storage and cumulative change in groundwater storage using annual estimates derived from the updated groundwater model for 1978 through 2019 is based on estimated values rather than long-term averages and, therefore, shows greater fluctuations for mountain-front recharge, change in storage, and cumulative change in storage. Water balance data after 2019 were estimated using the information provided in the Mission Creek Subbasin annual reports starting with the Annual Report for WY 2019-2020 (Wood, 2021).



Abbreviations:

AF= Acre feet; AFY = Acre feet per year DHSSB = Desert Hot Springs Subbasin GHSA = Garnet Hill Subarea WB = Water Balance

Notes:

- Water balance inflows and outflows for 1978 to 2019 are as described in the Alternative Plan Update (Wood and Kennedy Jenks, 2021).
- Starting in 2020, mountain front recharge is based on a 25-year average (1995 to 2019), and the subsurface inflows and outflows are based on the most recent modeled inflows and outflows (see text).
- Water balance accounting based on calendar year through 2016 and water year thereafter.

HISTORICAL WATER BALANCE AND CUMULATIVE CHANGE IN GROUNDWATER STORAGE
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 2/4/2025	Project No.: US0039461.9928
wsp	Figure 7-2	

Figure 7-2 shows groundwater pumping peaked in 2006 during the development boom and has decreased since 2006 due to conservation. In WY 2023-2024, groundwater pumping was lower than the 2006 peak pumping by approximately 23 percent. **Figure 7-2** shows that the groundwater storage in the Mission Creek Subbasin is currently more than 6,000 AF above groundwater storage levels in 2009 due to groundwater replenishment efforts.

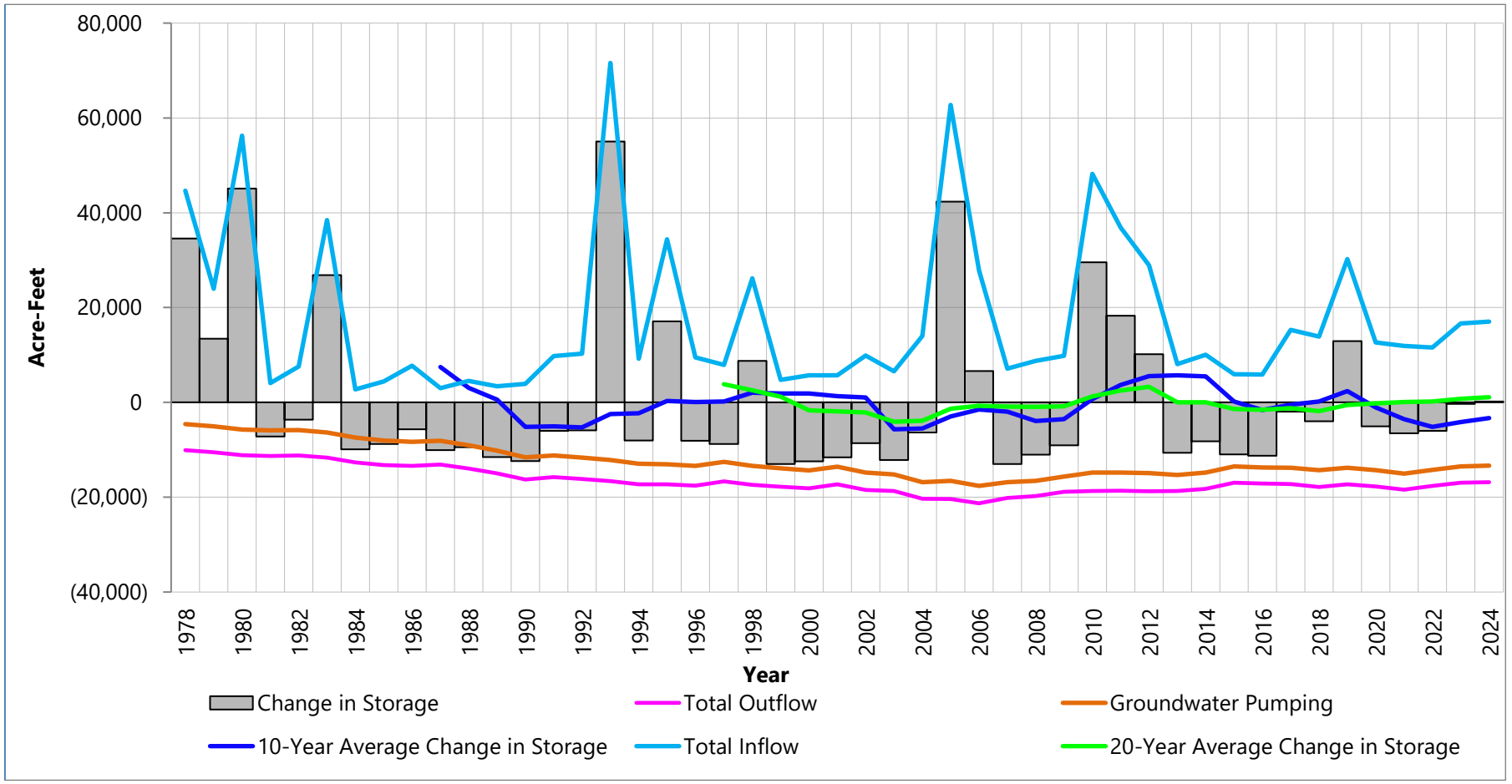
Figure 7-3 shows annual inflows, outflows, groundwater production, and 10-year and 20-year running average changes in groundwater storage in the Mission Creek Subbasin. The Mission Creek Subbasin inflows vary significantly from year to year due to the variability in mountain-front recharge and imported water replenishment deliveries. Replenishment activities vary annually in response to imported water availability. In the last five water years, replenishment ranged from 0 AF in WY 2021-2022 to 5,432 AF in WY 2023-2024 and averaged approximately 2,495 AFY (WY 2019-2020 through WY 2023-2024). Years of high inflows correspond to wet years and high mountain-front recharge and/or when increased SWP deliveries occurred. The 10- and 20-year running average change in groundwater storage have been relatively stable. In the last five years, the trend in the 10-year average shows small declines in storage because this shorter-term view does not include years of higher-than-average inflow in the early 2010s. The 20-year running average shows that the Mission Creek Subbasin has been in balance since 2013.

Figure 7-4 shows the one-year change in groundwater storage and **Figure 7-5** shows the change in groundwater storage since WY 2008-2009. Both changes in storage are represented by changes in groundwater levels in the Mission Creek Subbasin. The maps show the differences in average groundwater elevations for wells in the Mission Creek Subbasin monitored by The Coachella Valley Water District (CVWD), Desert Water Agency (DWA), and Mission Springs Water District (MSWD) (collectively the Agencies). Hydrographs for Key Wells and well 02S04E21H001S (21H01), located adjacent to the Mission Creek GRF, are provided on the maps for the context of water level trends over time. Cool colors (green and blue) depict increases in groundwater storage, while warm colors (yellow, orange, pink, purple, and brown) depict decreases in groundwater storage.

Figure 7-4 depicts the change in average groundwater storage from WY 2022-2023 to WY 2023-2024 in the Mission Creek Subbasin. Based on the Key Wells and supplemental monitoring data from nine additional agency wells, the change in groundwater levels observed in 18 wells monitored with data in both WY 2022-2023 and WY 2023-2024 ranged from 12.7 feet of increase south of the Mission Creek GRF to 3.8 feet of decrease in the central north part of the Mission Creek Subbasin. The increase in the water level near the Mission Creek GRF appears to result from increased recharge efforts at the end of the previous and current water years (see **Figure 3-3** for recharge and hydrograph of well 21H01). The increasing trend in water levels is observed in the embedded hydrograph for well 21H01 in **Figure 7-4** and in the hydrograph for this well in Appendix B. Excluding the area near the Mission Creek GRF, average annual groundwater levels decreased slightly (an overall average decrease of about 1 foot) compared to WY 2022-2023 based on the 18 monitored wells representing the contouring shown on **Figure 7-4.**

Figure 7-5 depicts the change in average groundwater storage from WY 2008-2009 to WY 2023-2024 in the Mission Creek Subbasin. Beginning with the WY 2021-2022 Annual Report, a 10-year change in groundwater levels was replaced with a change in groundwater levels since WY 2008-2009. This comparison of current water levels to WY 2008-2009 is directly relevant to the SGMA sustainable management criteria described in Section 8. The change in groundwater levels observed in the 14 wells

with groundwater level data in both WY 2008-2009 and WY 2023-2024 in the Mission Creek Subbasin ranged from approximately 15.7 feet of increase in the north-central part of the Subbasin, 27.5 feet of decrease in the Mission Creek GRF area of the Subbasin, and an overall average increase of 4.9 feet across the Mission Creek Subbasin. Eliminating the localized declines near the Mission Creek GRF that result from temporary elevated water levels associated with artificial recharge in 2005 and 2006, the average change in groundwater levels since WY 2008-2009 in the remaining 12 wells across the Mission Creek Subbasin is an increase of approximately 10.1 feet. The rise in groundwater levels through much of the Mission Creek Subbasin results from a reduction in groundwater pumping and the initiation of groundwater replenishment in 2002. Two wells with substantial water level decreases near the Mission Creek GRF (27.5 feet and 24.1 feet) represent a localized condition explained in the hydrograph for well 21H01 shown on **Figure 7-5**. Groundwater levels at these wells in WY 2008-2009 appear to have been influenced by the initial round of intense recharge at the Mission Creek GRF that began in the calendar year 2005 (see **Figure 3-3** for groundwater levels and annual recharge volumes near the recharge facility). Groundwater replenishment volumes approaching 20,000 AF or more occurred in calendar years 2005 and 2006, followed by recharge of approximately 33,000 AF in 2010 and more than 20,000 AF in 2011 and 2012. These recharge efforts resulted in significant groundwater mounding near the Mission Creek GRF as shown in hydrograph 21H01 on **Figure 7-5**. This localized mounding has dissipated over time. The long-term effect of this recharge and reductions in groundwater pumping has resulted in rising groundwater levels throughout the remainder of the Mission Creek Subbasin since WY 2008-2009.



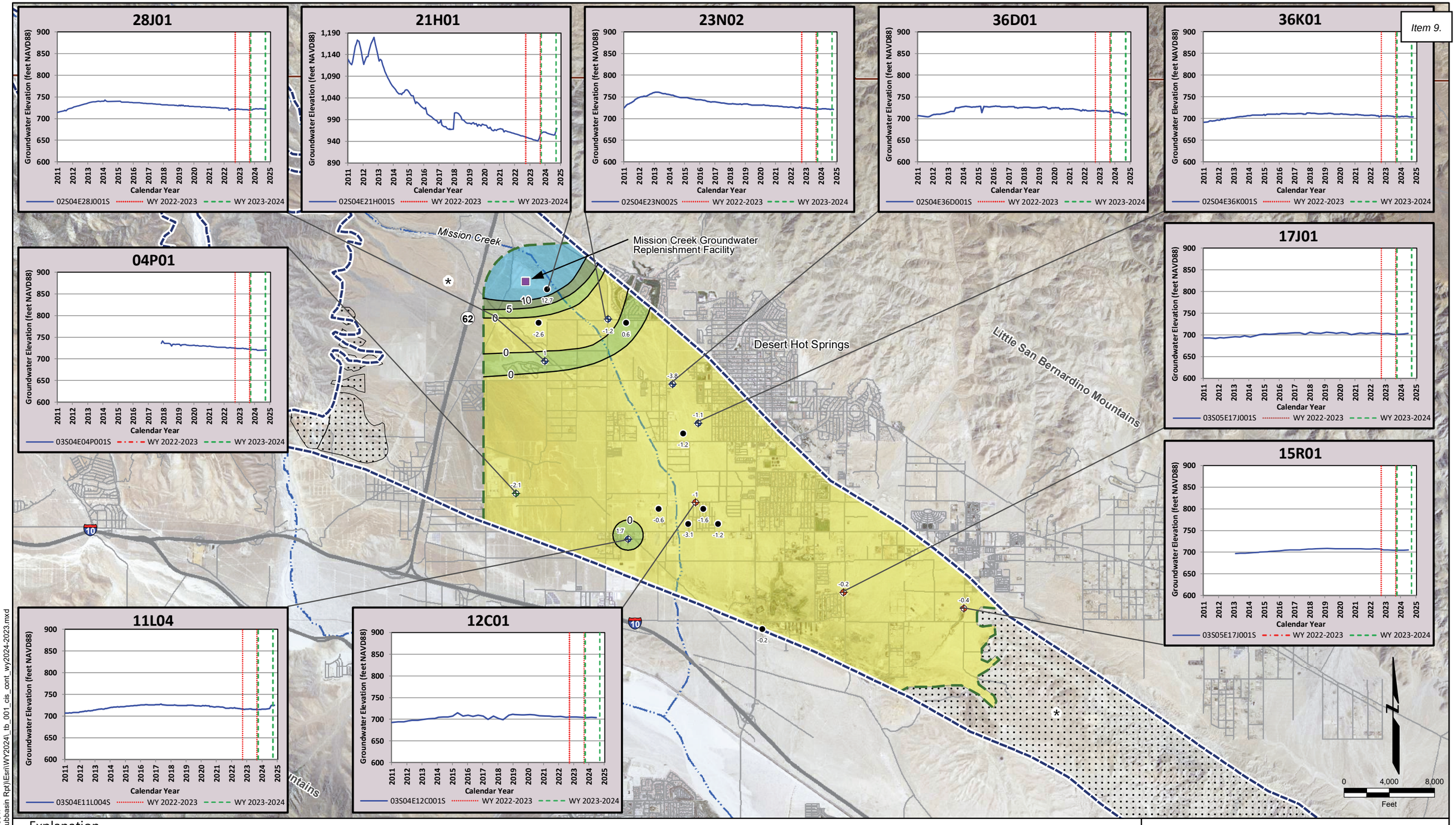
Notes:

Water balance accounting based on calendar year through 2016 and water year thereafter.

Changes in storage for WY 2022-2023 and 2023-2024 were -341 and 200 acre-feet, respectively and are nearly indistinguishable from the zero baseline at the scale of the plot.

HISTORICAL ANNUAL CHANGE IN GROUNDWATER STORAGE
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 2/4/2025	Project No.: US0039461.9928
wsp		Figure 7-3



Explanation

- Groundwater Replenishment Facility

Monitored Well
- Coachella Valley Water District - Key Well
- Mission Springs Water District - Key Well
- Desert Water Agency - Key Well
- Other - Non Key Well

- Mission Creek Subbasin
- Water level data boundary line
- Low permeability/non-water bearing sediments/bedrock
- Change in average water level (feet)
- Stream
- Highway/road

- >10 foot increase
- 5 to 10 foot increase
- 0 to 5 foot increase
- 0 to 5 foot decrease
- * Water level data not available
- Water level hydrograph for well indicated

- Water year (WY) 2023-2024
- Water year (WY) 2022-2023

Basemap modified from aerial photograph provided by National Agriculture Imagery Program (NAIP), dated May-July 2020.

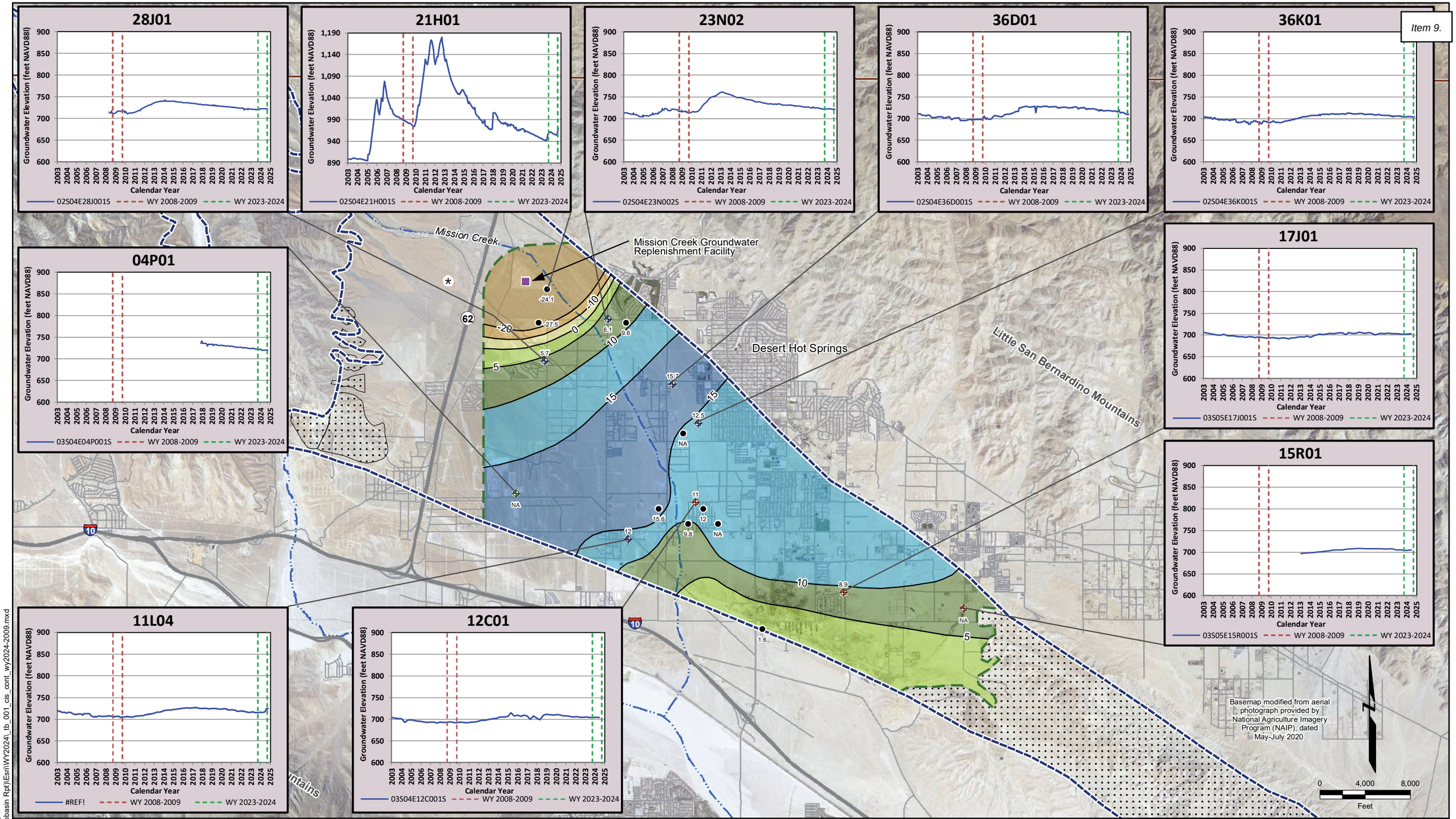
Notes

1. Groundwater storage based on change in average water levels between the respective Water Years.
2. Groundwater elevation in feet above North American Vertical Datum (NAVD88).

ONE YEAR CHANGE IN GROUNDWATER STORAGE WY 2022-2023 TO WY 2023-2024
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: MWW	Date: 2/17/2025	Project No.: US0039461.9928
wsp		Figure 7-4

Date: 2/17/2025 Printed by: USMW719917
Path: Y:\IR\18167160 (Mission Creek Subbasin Rpt)\Esri\WY2024_tb_001_cis_cont_wy2024-2023.mxd



Explanation

- Groundwater Replenishment Facility

Monitored Well

- Coachella Valley Water District - Key Well
- Mission Springs Water District - Key Well
- Desert Water Agency - Key Well
- Other - Non Key Well

- Mission Creek Subbasin
- Water level data boundary line
- Low permeability/non-water bearing sediments/bedrock
- Change in average water level (feet)
- Stream
- Highway/road

- >15 foot increase
- >10 to 15 foot increase
- >5 to 10 foot increase
- 0 to 5 foot increase
- 0 to 10 foot decrease
- >10 to 20 foot decrease
- > 20 foot decrease

- Water Level hydrograph for well indicated
- Water year (WY) 2023-2024
- Water year (WY) 2008-2009 * Water level data not available

Notes

1. Groundwater storage based on change in average water levels between the respective Water Years.
2. Five-foot change in water level intervals shown except near the groundwater recharge facility where ten-foot intervals are shown.
3. Groundwater elevation in feet above North American Vertical Datum (NAVD88).
4. NA = Water level unavailable in Water Year 2009.

CHANGE IN GROUNDWATER STORAGE WY 2008-2009 TO WY 2023-2024
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: MWW	Date: 2/25/2025	Project No.: US0039461.9928
wsp		Figure 7-5

Date: 2/25/2025 Printed by: USMW719917
Path: Y:\IR\18167160 (Mission Creek Subbasin Rpt)\Esri\WY2024_lb_001_cis_cont_wy2024-2009.mxd

Section 8 – Sustainable Management Criteria

The Sustainable Groundwater Management Act (SGMA) defines sustainable groundwater management as the management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing undesirable results. The Coachella Valley Water District (CVWD), Desert Water Agency (DWA), and Mission Springs Water District (MSWD) (collectively the Agencies) recognize that establishing metrics to avoid undesirable results and to maintain sustainability is a valuable tool in groundwater management, and incorporated SGMA Sustainable Management Criteria into the Mission Creek Subbasin Alternative Update (2022 Alternative Plan Update [Wood and Kennedy Jenks, 2021]) to guide water resources management in the Mission Creek Subbasin (also referred to as the Subbasin).

8.1 Sustainable Management Criteria Overview

Sustainability Indicators are the effects caused by groundwater conditions occurring throughout the Subbasin that, when significant and unreasonable, cause undesirable results, as described in Water Code Section 107211(x). The 2022 Alternative Plan Update identified four Sustainability Indicators relevant to the Mission Creek Subbasin based on historical or current conditions as described below:

- **Chronic lowering of groundwater levels** – Historically, groundwater levels declined by up to approximately 60 feet in the Mission Creek Subbasin between 1970 and 2009 but have since rebounded as a result of management actions.
- **Reduction of groundwater storage** – Declining groundwater levels between 1970 and 2009 resulted in a reduction in groundwater storage in the Mission Creek Subbasin, but groundwater storage has since increased due to the recharge of imported water and reduced groundwater pumping.
- **Land subsidence** – No evidence of land subsidence in the Mission Creek Subbasin has been documented. The Subbasin is an alluvial basin with some fine-grained sediments at depth. Therefore, the potential for subsidence cannot be eliminated without gathering additional information.
- **Degraded water quality** – No water quality issues have been identified in active groundwater supply wells in the Mission Creek Subbasin. However, sustainability criteria for degraded water quality have been identified based on the potential for future degraded water quality. Naturally occurring uranium historically exceeded drinking water regulatory thresholds in two municipal water supply wells that were removed from use. Nitrate concentrations are below the maximum contaminant level (MCL) at all municipal wells but have the potential to increase over time due to fertilizer use and wastewater percolation in the Mission Creek Subbasin. Total dissolved solids (TDS) have increased in the Subbasin over time due to groundwater use and return flow, fertilizer use, wastewater percolation, and recharge of higher TDS imported water.

The SGMA allows for a Sustainability Indicator to not apply in a subbasin if there is evidence that the indicator does not exist and could not occur. In the Mission Creek Subbasin, there is sufficient evidence to eliminate two of the Sustainability Indicators from further consideration:

- **Depletion of interconnected surface waters** – The SGMA defines interconnected surface waters as water that is hydraulically connected at any point by a continuous saturated zone to the underlying aquifer and the overlying surface water is not entirely depleted. Although surface

water flows occur in the upper reaches of the Whitewater River in the Mission Creek Subbasin, the surface waters and groundwaters in this area are hydraulically isolated from the main Mission Creek Subbasin. Because there are no interconnected surface waters in the Mission Creek Subbasin that groundwater management activities could impact, this Sustainability Indicator is not considered relevant for the Mission Creek Subbasin.

- **Seawater intrusion** – There are no saltwater bodies in the vicinity of the Mission Creek Subbasin. This Sustainability Indicator is not considered further.

Table 8-1 summarizes the Sustainable Management Criteria for each of the four relevant Sustainability Indicators identified in the 2022 Alternative Plan Update. The following subsections describe the current water year monitoring under these criteria.

8.2 Groundwater Levels

In the 1990s, the Agencies recognized that the continued lowering of groundwater levels in the Mission Creek Subbasin was not sustainable and, if continued, could have undesirable results ranging from increased energy costs for groundwater pumping to the need to deepen existing private and public wells. As a result, CVWD and DWA developed and implemented plans to recharge imported water into the Mission Creek Subbasin. Groundwater levels in the Mission Creek Subbasin began to increase after an imported water recharge program began in 2002 at the Mission Creek Groundwater Replenishment Facility (GRF).

The Agencies further understand that although groundwater level declines may not be avoidable during recurring below normal precipitation periods when imported water deliveries or mountain-front recharge are reduced, they intend to manage the Subbasin to maintain long-term average groundwater levels at or above 2009 conditions, which are generally considered to be the historically low groundwater levels throughout much of the Mission Creek Subbasin. During the 2009 period of historically low groundwater levels, no incidents of groundwater production wells going dry or losing production capacity due to low groundwater levels were observed by or reported to the Agencies. In addition, no dry wells are identified in the Mission Creek Subbasin in the California Department of Water Resources (CDWR) "Reported Dry Water Sources" database that was initiated in 2014.[19]

In 2013, the Agencies identified the need to maintain average groundwater levels in the Mission Creek Subbasin above 2009 levels and made this one of the objectives of the 2013 Mission Creek-Garnet Hill Water Management Plan (2013 MC-GH WMP). The 2013 MC-GH WMP became the basis for the Mission Creek Subbasin Alternative Plan for groundwater sustainability submitted to the CDWR in 2016, as described in Section 1.2.2.

[19] https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#gwlevels, site visited January 6, 2025

Table 8-1
Sustainable Management Criteria Summary

Sustainability Indicator	Minimum Thresholds	Measurement	Measurable Objectives	Undesirable Result
Chronic lowering of groundwater levels	Set to one standard deviation of water levels in the well between 2002 and 2019 below the known or estimated 2009 water level of the well	Measured through nine Key Wells (see **Table 3-1**) spatially distributed throughout the main Mission Creek Subbasin	Set to 2009 low groundwater elevations in Key Wells	Four Key Wells (~45%) each exceed their Minimum Threshold for three consecutive years
Reduction in groundwater storage	Set at the storage volume represented by the Average Minimum Threshold for groundwater levels in the nine Key Wells. (i.e., the average of the Minimum Thresholds in all nine Key Wells is 694.5 feet NAVD88).	Comparison of average annual groundwater levels in Key Wells with the average of Key Well water level Minimum Thresholds (694.5 feet NAVD88)	Set to 2009 subbasin groundwater storage as indicated by the average Measurable Objective of levels in Key Wells	The average groundwater level in the Key Wells falls below the average Minimum Threshold for three consecutive years
Subsidence	To be evaluated based on results of a USGS study currently in progress (see Section 8.3.2)	To be evaluated based on results of a USGS study. In the interim, review CDWR ground level vertical displacement data and use the groundwater minimum thresholds as a proxy for subsidence potential	To be evaluated based on USGS study (see Section 8.3.2)	To be evaluated based on USGS Study (see Section 8.3.2)
Degraded groundwater quality	For constituents of concern (COCs; currently only nitrate and naturally occurring uranium), the Minimum Threshold will be no exceedances of California MCLs for drinking water. Exceedances only apply to drinking water supply wells that regularly test for the parameters. A Minimum Threshold for TDS will be determined based on the findings of the CV-SNMP Update (in progress, see Section 8.4.2).	Groundwater quality data provided by the Agencies and downloaded annually from state and local sources	Same as the Minimum Threshold	For the COCs identified, the concentration/activity of the constituent shall not exceed the MCL. If there is an exceedance, the exceedance will be investigated. Undesirable results for TDS will be determined based on the findings of the CV-SNMP Update (in progress, see Section 8.4.2).

The 2022 Alternative Plan Update identified groundwater level criteria for specific monitoring wells that will be used to demonstrate compliance with the 2009 groundwater level threshold. These levels were established as the SGMA Measurable Objectives. Minimum Thresholds, set slightly below the Measurable Objectives (from 2.5 to 16.3 feet below the Measurable Objective, with greater values near the groundwater replenishment facility), were established based on groundwater level variability. Measurable Objectives and Minimum Thresholds for the Key Wells are summarized in **Table 8-2**. Elevation data for this Annual Report were reported in or converted to the North American Vertical Datum of 1988 (NAVD88) as discussed in Section 3.1. **Table 8-2** shows Measurable Objectives and Minimum Thresholds relative to NAVD88 and as originally calculated relative to the National Geodetic Vertical Datum of 1929 (NGVD29).

Table 8-3 shows a comparison of the Measurable Objectives and Minimum Thresholds with the low water levels for the Key Wells in Water Year (WY) 2023-2024. All of the Key Wells are above the Measurable Objectives with the exception of well 03S04E04P01S (4P01) located in the southwesterly part of the Mission Creek Subbasin. Water levels in this well remained above the Minimum Threshold. Historical data from this well are limited and the Measurable Objective was estimated based on 2009 groundwater levels extracted from the updated groundwater model presented in the 2022 Alternative Plan Update. Consequently, the Measurable Objective for this well was identified as provisional and subject to revision based on groundwater level trends and comparison with other wells.

Figure 8-1 shows the hydrographs for each of the nine Key Wells along with their Measurable Objectives and Minimum Thresholds. The figure shows that water levels at each of the Key Wells are above Measurable Objectives except for 04P01. Water levels in this well fell below the Measurable Objective in WY 2020-2021, WY 2021-2022, and WY 2022-2023 by 0.6, 2.6, and 5.4 feet, respectively, based on the lowest water level measurement in this well during the respective water year. In WY 2023-2024, water levels at this well fell to 7.6 feet below the Measurable Objective. As described above, 2009 groundwater levels for this well were estimated to determine its provisional Measurable Objective and Minimum Threshold. Historical groundwater level trends in the Mission Creek Subbasin in general, and water level in the Key Well to the north (02S04E28J001S) and to the east (03S04E11L004S) in particular, suggest that the provisional Measurable Objective for well 04P01 may have been set approximately 10 to 15 feet too high. An adjustment to the provisional Measurable Objective and Minimum Threshold for this well will be considered in future 5-year Alternative Plan Updates.

Table 8-2
Key Wells Measurable Objective and Minimum Threshold

State Well Number	Map Name	Measurable Objective[1] (feet NGVD29)	Minimum Threshold[2] (feet NGVD29)	Measurable Objective[1] (feet NAVD88)	Minimum Threshold[2] (feet NAVD88)	Comments
02S04E23N002S	**23N02**	711.3	695.0	713.9	697.5	Elevations based on conversion to NAVD88
02S04E28J001S	**28J01**	709.5	700.3	712.1	702.9	Elevations based on conversion to NAVD88
02S04E36D001S	**36D01**	694.6	683.1	697.1	685.6	Elevations based on conversion to NAVD88
02S04E36K001S	**36K01**	686.1	678.8	688.6	681.3	Elevations based on conversion to NAVD88
03S04E04P001S	**4P01**	NA	NA	727.4	719.5	Original survey was in NAVD88. Model estimated provisional 2009 water levels[3]
03S04E11L004S	**11L04**	701.3	693.8	703.8	696.3	Elevations based on conversion to NAVD88
03S04E12C001S	**12C01**	689.6	682.9	692.6	685.9	Elevations relative to 2023 NAVD88 survey
03S05E15R001S	**15R01**	698.0	691.3	698.7	692.0	Model estimated provisional 2009 water levels[3] Elevations relative to 2023 NAVD88 survey
03S05E17J001S	**17J01**	689.8	686.1	692.2	688.5	Elevations relative to 2023 NAVD88 survey

Notes:

1. Measurable Objectives are based on the minimum groundwater level at the well in 2009 or the estimated groundwater level in 2009 (see note 3).
2. Minimum Thresholds are based on the Measurable Objective less one standard deviation of water levels for the well between 2002 and 2019 except for well 4P01. Well 4P01 has limited data to estimate variability and the average standard deviation for all Key Wells (7.9 feet) was used to set the Minimum Threshold.
3. Wells 4P01 and 15R01 have limited groundwater monitoring histories that do not extend back to 2009 water level conditions. The Measurable Objective for these wells was derived using groundwater model simulation fit to the available data and extracting the minimum simulated groundwater level in 2009. These Measurable Objectives are considered provisional and may be adjusted based on groundwater level response in these wells relative to other wells in the basin.
4. CVWD surveyed Key Wells to NAVD88 in 2023. Groundwater elevations are relative to the new survey beginning in Water Year 2023.

8.3 Groundwater Storage

The storage capacity of the Mission Creek Subbasin has been estimated at 2,600,000 acre-feet (AF) (CDWR, 1964). The storage capacity is based on the thickness and lateral extent of alluvial sediments that extend to depths as great as 3,000 feet below ground surface in the Mission Creek Subbasin (GCI, 1979). Available groundwater in storage, however, is limited by the level to which groundwater levels may be lowered without causing undesirable results. The Mission Creek Subbasin consists of a single aquifer laterally and vertically. Groundwater storage is directly related to groundwater levels for the Subbasin. Groundwater storage Measurable Objectives and Minimum Thresholds were based on the average of the groundwater levels Measurable Objectives and Minimum Thresholds for the nine Key Wells shown in **Table 8-3**. **Table 8-4** summarizes groundwater storage for WY 2023-2024 based on Key Well minimum water levels, Measurable Objective and Minimum Threshold for groundwater storage, and the differences between WY 2023-2024 groundwater storage and the Measurable Objective and Minimum Threshold. The average water level in the Mission Creek Subbasin in WY 2023-2024 was 710.8 feet NGVD88, which is 7.9 feet above the Measurable Objective for groundwater storage and 16.4 feet above the Minimum Threshold for groundwater storage.

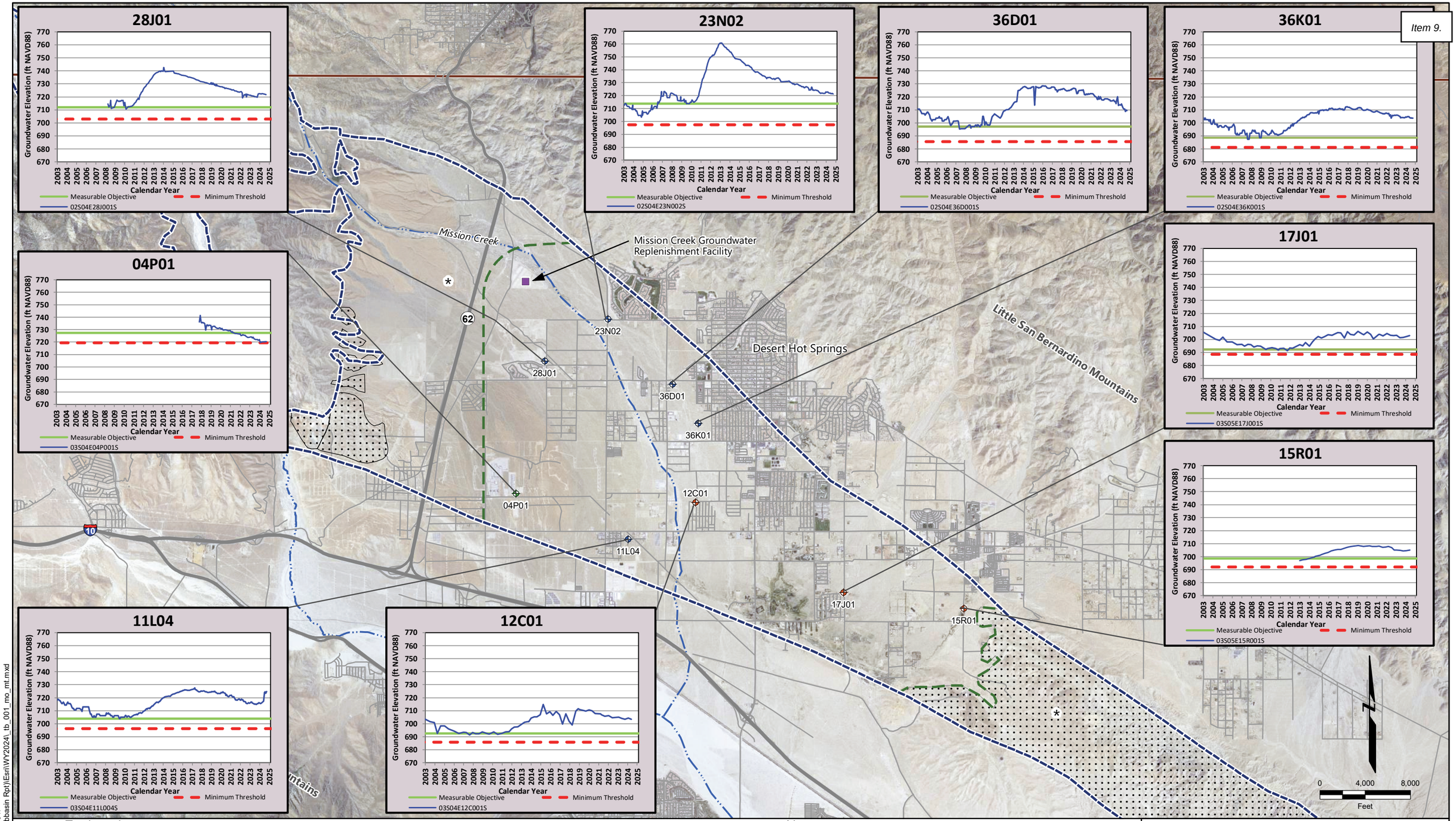
Table 8-3
Average Groundwater Levels in Key Wells Compared to Measurable Objectives and Minimum Thresholds

State Well Number	Map Name	Measurable Objective (feet NAVD88)	Minimum Threshold (feet NAVD88)	WY 2023-2024 Low Water Level (feet NAVD88)	Difference Between WY 2023-2024 and Measurable Objective (feet)	Difference Between WY 2023-2024 and Minimum Threshold (feet)
02S04E23N002S	**23N02**	713.9	697.5	721.5	7.6	24.0
02S04E28J001S	**28J01**	712.1	702.9	719.7	7.6	16.8
02S04E36D001S	**36D01**	697.1	685.6	708.7	11.6	23.1
02S04E36K001S	**36K01**	688.6	681.3	703.7	15.1	22.4
03S04E04P001S	**4P01**	727.4	719.5	719.8	-7.6	0.3
03S04E11L004S	**11L04**	703.8	696.3	714.8	11.0	18.5
03S04E12C001S[1]	**12C01**	692.6	685.9	703.4	10.8	17.5
03S05E15R001S[1]	**15R01**	698.7	692.0	704.3	5.6	12.3
03S05E17J001S[1]	**17J01**	692.2	688.5	701.5	9.3	13.0
Average[1]		**702.9**	**694.4**	**710.8**	**7.9**	**16.4**

Note:

1. Wells 12C01, R001, and J001 were resurveyed to NAVD88 in 2023. This results in a slight change to the Measurable Objective and Minimum Threshold for these wells and the overall average of the Measurable Objective and Minimum Threshold for the Key Wells. The resurvey does not impact the sustainability criteria because groundwater elevations at the resurveyed wells are also reported relative to the new surveyed elevations.

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Explanation

- Groundwater Replenishment Facility

Monitored Well

- Coachella Valley Water District - Key Well
- Mission Springs Water District - Key Well
- Desert Water Agency - Key Well

- Mission Creek Subbasin
- Water level data boundary line
- Low permeability/non-water bearing sediments/bedrock
- Stream
- Highway/road

- Water Level hydrograph for well indicated
- Measurable objective
- Minimum threshold
- * Water level data not available

Notes

1. Groundwater elevation in feet above North American Vertical Datum (NAVD88).
2. Water level boundary lines based on a lack of water level data. The eastern water level boundary line also corresponds to the boundary of low permeability sediments of the Indio Hills.

Basemap modified from aerial photograph provided by National Agriculture Imagery Program (NAIP), dated May-July 2020.

KEY WELL HYDROGRAPHS WITH MEASURABLE OBJECTIVES AND MINIMUM THRESHOLDS

Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: MWW	Date: 2/17/2025	Project No.: US0039461.9928
wsp	Figure	8-1

Date: 2/17/2025 Printed by: USMW719917
Path: Y:\IR18167160 (Mission Creek Subbasin Rpt)\Esri\WY2024_tb_001_mo_mt.mxd

Table 8-4
Groundwater Storage Compared to the
Measurable Objective and Minimum Threshold

Key Well Average Minimum Water Levels WY 2023-2024 (feet NAVD88)	Measurable Objective (feet NAVD88)[1]	Minimum Threshold (feet NAVD88)[1]	Difference Between WY 2023-2024 Storage and Measurable Objective (feet)	Difference Between WY 2023-2024 Storage and Minimum Threshold (feet)
710.8	702.9	694.4	7.9	16.4

Note:

1. Wells 12C01, R001, and J001 were resurveyed to NAVD88 in 2023. The overall average of the Measurable Objective and Minimum Threshold for the Key Wells (i.e., the basis for the groundwater storage Measurable Objective and Minimum Threshold) changed accordingly but sustainability criteria are not impacted because groundwater elevations at the resurveyed wells are also reported relative to the new surveyed elevations.

Figure 7-5 shows change in water levels between WY 2008-2009 and WY 2023-2024. Change in water levels is a proxy for storage in the Mission Creek Subbasin because the Subbasin comprises a single aquifer system. As described in Section 7-3, **Figure 7-5** shows a decrease in water levels in the immediate vicinity of the Mission Creek GRF with the remainder of the main Subbasin showing groundwater level increases ranging from 15.7 feet in the north-central part of the main Subbasin to 1.6 feet in the south part of the main Subbasin. Lower water levels near the Mission Creek GRF are due to the dissipation of groundwater mounding that resulted from historical recharge at the Mission Creek GRF around WY 2008-2009. Overall, the Mission Creek Subbasin shows higher WY 2023-2024 groundwater levels compared to WY 2008-2009 groundwater levels and thus greater groundwater storage.

8.4 Land Subsidence

Neither subsidence nor impacts to structures potentially caused by subsidence have been identified historically in the Mission Creek Subbasin. Geologic conditions of generally coarse-grained sediments and lack of thick, laterally extensive fine-grained sediments in the Mission Creek Subbasin aquifer reduce the likelihood of subsidence. In addition, ground-level displacement monitoring using Interferometric Synthetic Aperture Radar (Instar) data available from CDWR has not shown evidence of subsidence during the period this technology has been available for monitoring in the Mission Creek Subbasin (beginning in June 2015). Although subsidence has not been observed, it is considered to have a potential to result in significant and unreasonable conditions. Subsidence is most likely to occur if groundwater levels are lowered significantly below their historically low levels (i.e., under conditions of maximum reconsolidation stress). Consequently, Minimum Thresholds for groundwater levels in the Key Wells are used as a screening level for the potential of subsidence. Currently, groundwater levels in the Key Wells are above the water level Minimum Thresholds.

In addition to using Minimum Thresholds for water levels in the Key Wells as a screening level for potential subsidence, available ground-level displacement monitoring data available through the CDWR were reviewed and the United States Geological Survey (USGS) is conducting an evaluation of potential subsidence in the Mission Creek Subbasin. These are described in the following subsections.

8.4.1 Ground-Level Displacement Monitoring

Figure 8-2 shows the estimated vertical displacement of ground level as derived from InSAR data collected by the European Space Agency Sentinel-1A satellite and processed by TRE ALTAMIRA Inc., under contract with the CDWR. The vertical displacement data were obtained from CDWR (CDWR, 2024) for the approximately eight-year monitoring period available for this technology (June 2015 to October 2024) and also for the most recent annual record of vertical ground-level displacement (October 2023 to October 2024). The raster images were modified for vertical ground-level displacement ranges displayed on the CDWR SGMA Data Viewer website. The SGMA Data Viewer is set up for viewing data on a regional scale. **Figure 8-2** shows that, with the exception of the former Edom Hill Landfill area in the northwestern part of the Indio Hills for the period from October 2015 to October 2024, ground level change in the Mission Creek Subbasin has exhibited less than an absolute vertical displacement of 0.1 feet. Vertical ground-level displacement at the former Edom Hill Landfill area over the eight-year period October 2015 to October 2024 was up to 0.4 feet downward (-0.4 feet). This is likely due to settlement at the former landfill. Vertical displacement in the former landfill area over the one-year period from October 2023 to October 2024 was no more than 0.1 feet. These findings are consistent with the previous annual report and the general finding of no systematic downward permanent vertical displacement of ground levels caused by groundwater withdrawal.

8.4.2 Additional Land Subsidence Study

CVWD, in collaboration with the other Agencies, has engaged the USGS to study land subsidence in the Mission Creek Subbasin. The USGS initiated this study in 2021, and has evaluated groundwater level data, evaluated the status of existing benchmarks, and identified locations for three additional benchmarks. In WY 2022-2023, three new benchmarks were completed in the Mission Creek Subbasin and high precision global positioning system (GPS) measurements were taken at the new benchmarks. The USGS continued to work on analysis of measurements and groundwater levels with a final study report expected in 2025.

8.5 Groundwater Quality

The 2022 Alternative Plan Update identified two categories of water quality criteria to be used for establishing Minimum Thresholds. These include: (1) water quality based on California drinking water maximum contaminant levels (MCLs), and (2) total dissolved solids (TDS), which will be evaluated through the update to the Coachella Valley Salt and Nutrient Management Plan (CV-SNMP). These two categories are described in the following subsections.

8.5.1 Water Quality for Constituents with Primary MCLs

The 2022 Alternative Plan Update identified uranium and nitrate as constituents of concern (COCs). Naturally occurring uranium was identified because it historically exceeded its MCL in two municipal water supply wells in the Mission Creek Subbasin that were removed from use. Nitrate was identified as a COC based on ongoing sources for this constituent, including wastewater infiltration to the groundwater system (through septic systems and disposal of treated wastewater effluent), and fertilizer application for agriculture and at golf courses. Nitrate has not exceeded its MCL in any municipal supply well.

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Change in Ground Level - June 2015 to October 2024

San Bernardino County
Riverside County
San Bernardino Mountains
Little San Bernardino Mountains
Mission Creek
Desert Hot Springs
62
10
111
Whitewater River
Indio Hills
San Jacinto Mountains
Palm Springs
Thousand Palms
Cathedral City

Change in Ground Level - October 2023 to October 2024

San Bernardino County
Riverside County
San Bernardino Mountains
Little San Bernardino Mountains
Mission Creek
Desert Hot Springs
62
10
111
Whitewater River
Indio Hills
San Jacinto Mountains
Palm Springs
Thousand Palms
Cathedral City

N

0 9,000 18,000
Feet

Source: Vertical ground surface displacement estimates rasters are derived from Interferometric Synthetic Aperture Radar (InSAR) data collected by European Space Agency and processed by TRE ALTAMIRA under contract with California Department of Water Resources (https://sigma.water.ca.gov/webgis/?appid=SGMADataViewer#landsub).

Explanation

- Groundwater Replenishment Facility
- Mission Creek Subbasin
- Low permeability/non-water bearing sediments/bedrock
- Stream
- Highway/road
- Former Edom Hill Sanitary Landfill

Vertical displacement raster (feet)

- -0.1 to 0.1
- -0.2 to -0.1
- -0.4 to -0.2

Basemap modified from aerial photograph provided by Esri, dated November 9, 2016.

CHANGE IN GROUND LEVEL
2015 TO 2024
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: MWW	Date: 2/17/2025	Project No.: US0039461.9928
wsp		Figure 8-2

The Minimum Threshold for groundwater quality was established as no drinking water supply wells exceeding the primary MCLs for drinking water. Water quality data provided by the Agencies and obtained from the State Water Resources Control Board (SWRCB) database for water supply wells (SWRCB, 2022) were reviewed to determine if any COC exceeded its primary MCL in any municipal water supply well. **Table 8-5** summarizes the results of this review. A total of 11 wells were sampled for the COC nitrate during the water year and no wells reported nitrate as nitrogen above the MCL of 10 milligrams per liter (mg/L) for this COC. Uranium was sampled in eight water supply wells in the Mission Creek Subbasin in WY 2023-2024 and none of these wells exceeded the MCL of 20 picocuries per liter (pCi/L). **Figure 8-3** shows the locations of wells with water quality analyses, including the analyses for nitrate (all wells) and uranium in wells 02S04E28J01 (28J01), 02S04E26C01 (26C01), 02S04E36D01 (36D01), 03S04E12B02 (12B02), 03S04E12C02 (12C02), 03S04E12F01 (12F01), and 03S04E12H03 (12H03).

Table 8-5
Minimum Thresholds for Groundwater Quality – COCs with MCLs

Constituent of Concern (COC)	Maximum Contaminant Level (MCL)/ Minimum Threshold	Standard Units	Number of Wells Sampled for COC in WY 2023-2024	Number of Wells Exceeding MCL in WY 2023-2024
Uranium	20	pCi/L	7	0
Nitrate (N)	10	mg/L	11	0

Water quality data were also reviewed for constituents other than uranium or nitrate against their primary MCL in municipal water supply wells to identify potential new COCs. No constituents were identified that exceed their respective MCLs for WY 2023-2024. **Figure 8-3** identifies the locations of wells that were reviewed for water quality data.

In addition, the GeoTracker and EnviroStor website databases were reviewed for potential environmental sites that may impact groundwater and specifically municipal water supply wells. Within the Mission Creek Subbasin, the only open regulatory site identified with environmental impacts to groundwater was the former Edom Hill Class III landfill (GeoTracker Global ID L10009373801), located in the Indio Hills within the Mission Creek Subbasin (see **Figure 8-4**). The Indio Hills consist of consolidated sediments that are not directly connected to the alluvial aquifer in the main Mission Creek Subbasin. Groundwater sampling at this site for volatile organic compounds (VOCs) and nitrate, by the Riverside County Department of Waste Resources (RCDWR) in 2023 indicated that none of these parameters exceeded primary MCLs (RCDWR, 2024). In addition to being located outside the main alluvial aquifer of the Mission Creek Subbasin, the site is also located hydraulically downgradient from any drinking water production wells in the main alluvial aquifer of the Mission Creek Subbasin.

8.5.2 Total Dissolved Solids

Sources of TDS in the Mission Creek Subbasin include groundwater used for irrigation (with evaporative concentration of dissolved constituents), wastewater infiltration to the groundwater system (through septic systems and disposal of treated wastewater effluent), fertilizer application for agriculture and at golf courses, and recharge of Colorado River Aqueduct (CRA) water at the Mission Creek GRF.

TDS is currently being evaluated through the update of the CV-SNMP. The CV-SNMP Agencies – which include CVWD, Coachella Water Authority (CWA)/Coachella Sanitary District, City of Palm Springs, DWA, Indio Water Authority (IWA), MSWD, Myoma Dunes Mutual Water Company, and Valley Sanitary District – prepared a workplan entitled "*Workplan to Develop the Coachella Valley Salt and Nutrient Management Plan*" (Development Workplan, West Yost, 2021) that was submitted to the Colorado River Basin Regional Water Quality Control Board (RWQCB) in September 2021 and accepted in October 2021.
The Development Workplan outlines the steps and schedule to update the CV-SNMP, targeting scheduled completion by March 2027. The objective of the CVSNMP is to sustainably manage salt and nutrient loading in the Coachella Valley Groundwater Basin in a manner that protects beneficial uses.
When completed, the update to the CV-SNMP will provide a basis for establishing Measurable Objectives and Minimum Thresholds for TDS within the Mission Creek Subbasin. During WY 2023-2024, the CV-SNMP Agencies continued efforts on the Development Workplan tasks and held regular meetings of the CV-SNMP stakeholder group and Technical Advisory Committee (TAC).

The Agencies continued public engagement through the Stakeholder Outreach and Engagement Plan and the project website (cvsnmp.com). In WY 2023-2024, the CV-SNMP Agencies published the final version of Technical Memorandum (TM) #1 – Characterize TDS/N Mass Loading to the Coachella Valley Groundwater Basin (West Yost, 2023). Drafts of TM # 2 – Characterize Current Groundwater Quality (West Yost, 2024a) and TM #4 – Develop Technical Approach for Forecasting TDS/N Concentrations in Groundwater (West Yost, 2024b) were published for public review. Work was initiated on TM #3 to delineate draft management zones and describe metrics to characterize beneficial use protection.
The draft for public review of TM#3 will be released in early 2025. The technical team began work on draft TM #5 for constructing TDS/N forecasting tools and evaluating the baseline management scenario.
The second Community Workshop was held on December 11, 2024.

The Development Workplan was required to include a groundwater monitoring workplan with an enhanced monitoring network, identification of data gaps, and a plan to fill the gaps. The CV-SNMP Agencies submitted this workplan entitled "*Groundwater Monitoring Program Workplan*" (Groundwater Monitoring Workplan) to the RWQCB in December 2020 (West Yost, 2020), and the RWQCB accepted this workplan in February 2021. The Groundwater Monitoring Workplan outlines an expanded groundwater monitoring program that will sufficiently determine trends in the concentrations of TDS and nitrogen (nitrogen occurring primarily as nitrate) (collectively TDS/N) in groundwater and the assimilative capacity of management zones.

The CV-SNMP Agencies initiated work on the CV-SNMP Groundwater Monitoring Workplan in 2021.
The CV-SNMP Agencies completed and received approval for a general application for the California Department of Water Resources Technical Support Services (CDWR TSS) program to construct wells to fill monitoring data gaps identified in the Groundwater Monitoring Workplan. Well service request forms were submitted to the TSS program and approved for monitoring wells at several sites in the Mission Creek Subbasin. CDWR began construction of the monitoring wells in 2024, including completion of the first monitoring well in June 2024. Agencies continue to coordinate with CDWR on construction of the remaining monitoring wells which are scheduled for completion in 2025. The CV-SNMP Agencies also submitted the third annual progress report of the first triennial monitoring cycle to the RWQCB in March 2024 and continued monitoring of the network wells. Subsequent progress reports will be due in March of each year through the anticipated completion of the workplan in 2026 and the completion of the final progress report in 2027. The Agencies signed a data sharing memorandum of understanding (MOU) with the Agua Caliente Band of Cahuilla Indians for monitoring of three wells on Trust land.

San Bernardino County

Riverside County

Mission Creek Groundwater Replenishment Facility

Mission Creek

San Bernardino Mountains

Little San Bernardino Mountains

Desert Hot Springs

28A01

36D01

36D02

36K01

36P01

12C02

12B02

11A02

11L01

11L04

12F01

12H03

62

10

111

Indio Hills

Whitewater River Groundwater Replenishment Facility

San Jacinto Mountains

Palm Springs

N

0 4,000 8,000

Feet

Explanation

- Groundwater Replenishment Facility
- Monitored Well
  - Coachella Valley Water District
  - Mission Springs Water District
- Mission Creek Subbasin
- Low permeability/non-water bearing sediments/bedrock
- Stream
- Highway/road
- Former Edom Hill Sanitary Landfill

Note

Only wells with water quality for Water Year 2023- 2024 are shown.

Basemap modified from aerial photograph provided by National Agriculture Imagery Program (NAIP), dated May-July 2020.

WATER SUPPLY WELLS WITH GROUNDWATER QUALITY DATA - WY 2023-2024

Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: MWW	Date: 2/17/2025	Project No.: US0039461.9928
wsp	Figure 8-	103

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Section 9 – Summary of Projects and Management Actions and Description of Progress

This report section provides an update on Projects and Management Actions (PMAs) that are identified in the Mission Creek Subbasin Alternative Plan Update (2022 Alternative Plan Update [Wood and Kennedy Jenks, 2021]) and are currently being implemented or that will be implemented in the future, collectively referred to as Active Projects.

The 2022 Alternative Plan Update modified the designations for PMA categories to incorporate a more descriptive letter combination, listed below, followed by a sequential number (e.g., WC indicates a water conservation PMA and WC-1 is the first water conservation project listed).

- WC: Water Conservation
- WS: Water Supply
- WQ: Water Quality Protection, including Coachella Valley Salt and Nutrient Management Plan (CV-SNMP) activities
- SGMA: The Sustainable Groundwater Management Act (SGMA) Implementation
- WELL: Well Management

The following sections summarize PMAs in each category and provide an update or description of progress, where relevant.

9.1 Water Conservation

Active water conservation activities have supported the water management achievements in the Mission Creek Subbasin and are important to continue. The ongoing and future water conservation projects include:

- Project WC-1: Continue to implement urban water conservation and education programs,
- Project WC-2: Track water conservation effectiveness through the Coachella Valley Regional Urban Water Management Plan (CV-RUWMP),
- Project WC-3: Regional conservation study, and
- Project WC-4: Implement water shortage contingency plans.

9.1.1 Project WC-1: Continue to Implement Urban Water Conservation and Education Programs

The Agencies continue to collaborate on regional conservation messaging through CV Water Counts (www.CVWaterCounts.com), originally funded with California Department of Water Resources (CDWR) Proposition 84 grant funding and currently sustained by local water agencies and additional grants including Proposition 1 funding. The group has a web and social media presence in addition to an ongoing advertising campaign. The group also holds an annual Water Counts Academy to educate community members and leaders about key water issues.

The Agencies continued education and outreach to encourage water use efficiency by urban water users, indoor and outdoor incentive programs, ordinances and conservation pricing, water loss management, and conservation staff support. In WY 2023-2024, Coachella Valley Water District (CVWD) completed construction on a new demonstration garden at its Palm Desert office location. CVWD launched a grant-funded turf conversion program available to the more than 100 golf courses located within CVWD's service area. Desert Water Agency (DWA) continued implementing its indoor and outdoor incentive programs. Mission Springs Water District (MSWD) expanded its rebate offerings, adding incentives for smart controllers, replacement rebates for inefficient clothes washers and toilets, while maintaining its turf removal programs.

9.1.2 Project WC-2: Track Water Conservation Effectiveness Through the RUWMP

The Agencies were participants (along with Coachella Water Authority [CWA], Indio Water Authority [IWA], and Myoma Dunes Water Company) in the 2020 Coachella Valley RUWMP that provides detailed descriptions of each of the Agencies' water conservation programs (2020 CV-RUWMP [WSC, 2021]). The effectiveness of the water conservation efforts is documented in the Water Conservation Act of 2009 Senate Bill X7-7 (SB X7-7) compliance for each agency.

As described in the 2020 CV-RUWMP, the Agencies continue to implement demand management measures (DMMs) to maintain these savings and to encourage additional conservation; these DMMs include:

- Water waste and landscape ordinances;
- Metering;
- Conservation pricing including water budget-based tiered billing;
- Public education and outreach including conservation kits, workshops/seminars on water use efficiency, water audits, and water waste patrols;
- Programs to assess and manage distribution system losses;
- Landscape conservation and incentive programs including irrigation system upgrades, grass replacement, drought tolerant landscape installations, and conservation demonstration gardens;
- Rebate programs for high efficiency appliances including toilets, washers, and dishwashers; and
- Staff support for water conservation activities.

The Agencies will continue to implement DMMs and track the effectiveness of water conservation efforts during future updates of the 2020 CV-RUWMP. Project WC-2 also includes tracking new conservation standards that are currently under development and will include updates to conservation programs, if needed, to implement those standards. Work on the next 5-year UWMP update will begin in 2025.

9.1.3 Project WC-3: Regional Conservation Study

As a supplement to existing Project WC-1, the Agencies initiated planning to conduct a study specific to the unique climate, soil, and occupancy conditions of the Coachella Valley. In 2023, the Agencies submitted a request and received grant funding for the Regional Conservation Study. Work on the study, identified as The Coachella Valley Regional Urban Water Management Group (CVRWMG) Regional

Conservation Study, continued through WY 2023-2024, and the final study and supplemental documents were issued in October 2024.

The Regional Conservation Study uses an econometric approach to estimating water savings for grass removal rebate programs. For the study, the consultant conducted interviews with each CVRWMG agency on the challenges with the existing conservation/rebate programs. For each agency, available data were mined and reviewed, including past participation in rebate programs, water billing and consumption, water production, water purchase costs, and landscape area (where available). In addition, the consultant prepared a plan to open communication between the agencies on other variables that will likely affect conservation programs in the future.

Based on the findings, the consultant prepared a Regional Water Conservation Study Decision-Support Tool that allows an individual CVRWMG agency to:

- Quantify grass replacement water savings that accounts for local conditions and practices such as local evapotranspiration, soil types, and irrigation efficiency.
- Quantify cost per acre-foot of water saved by grass replacement incentive programs with matrix of incentive values ranging from $1 to $10/square foot.
- Calculate return on investment for grass replacement incentive programs with matrix of incentive values ranging from $1 to $10/square foot.
- Develop data on the rate at which grass replacement participants return to grass after installing low-water use landscape and identify any commonalities between properties that return to grass.
- Quantify amount of grass remaining by sector (including golf) for future grass replacement conversions.
- Compare and recommend technologies, program improvements, or approaches that could be integrated with or assist in monitoring the above.

With the completion of the study, this project is now complete.

9.1.4 Project WC-4: Implement Water Shortage Contingency Plans

The 2020 CV-RUWMP adopted in 2021 includes standalone Water Shortage Contingency Plans (WSCPs) for each Agency. The WSCPs contain Annual Water Supply and Demand Assessment procedures, define six standard shortage levels from less than 10 percent shortage up to greater than 50 percent shortage, and identify shortage response actions including demand reduction actions and mandatory use restrictions and supply augmentation as well as communication protocols for implementing the WSCP. The WSCPs are another tool to be implemented by the Agencies.

In WY 2023-2024, the Agencies remained in Level 1 of the Water Shortage Contingency Plan during WY 2023-2024. The Agencies continued to monitor water supplies and operational changes that could alleviate future water shortages.

9.2 Water Supply

Imported water is critical to groundwater sustainability in the Mission Creek Subbasin. CVWD and DWA continue to invest in long-term, statewide water projects and are working with the Metropolitan Water

District of Southern California (MWD) and the CDWR to improve the reliability of State Water Project (SWP) water and acquire additional supplies. Ongoing and future water supply projects are listed below and described in the sections that follow.

- Project WS-1: Continue existing imported water replenishment programs,
- Project WS-2: Recycled water for reuse in the Mission Creek Subbasin,
- Project WS-3: SWP-Delta Conveyance Project (DCP),
- Project WS-4: SWP Lake Perris Seepage Recovery Project, and
- Project WS-5: SWP- Sites Reservoir Project.

SWP supplies to the region are expected to increase by approximately 14,300 acre-feet (AF), along with increased SWP reliability of 26,500 acre-feet per year (AFY) following construction of the DCP. A portion of these supplies and increased SWP reliability will be provided to the Mission Creek Subbasin for groundwater replenishment.

9.2.1 Project WS-1: Continue Existing Imported Water Replenishment Program

CVWD and DWA have the authority to operate imported water replenishment in the Coachella Valley. Imported water replenishment operations will deliver as much imported water to the Coachella Valley as possible given the constraints of the SWP contract and delivery and MWD Colorado River Aqueduct (CRA) operations.

CVWD and DWA to continue recharge activities at the Mission Creek GRF based on SWP Exchange water availability. In WY 2023-2024, 5,432 AF of recharge occurred at the Mission Creek GRF.

9.2.2 Project WS-2: Recycled Water for Reuse in Mission Creek Subbasin

Project WS-2 will be to plan, design, and construct tertiary treatment at MSWD's Regional Water Reclamation Facility (RWRF), where the recycled water can be used for groundwater recharge or for non-potable reuse for irrigation of parks, golf courses, schools, resorts, homeowner's associations, agricultural uses, etc. Project WS-2 is directly related to Project WQ-1: Convert from septic to sewer in MSWD area and Project WQ-2: Construct RWRF with nitrogen removal. MSWD completed construction of the RWRF, in WY 2023-2024 and plant operations will begin in early 2025. Implementation of Projects WQ-1 and WQ-2 will result in wastewater treatment and evaporation/percolation ponds in the Garnet Hill Subarea of the Indio Subbasin.

As identified in the 2022 Alternative Plan Update, recharge of treated effluent in the Mission Creek Subbasin could be important to groundwater sustainability by returning treated wastewater that would otherwise be evaporated/percolated in the Garnet Hill Subarea. The operational components of Project WS-2 may be implemented in phases with the need for initiation of additional planning in the near future. Project WS-2 also has the advantage of being a water supply project that could be implemented locally.

9.2.3 Project WS-3: SWP – Delta Conveyance Project

The DCP project is led by the CDWR to improve SWP reliability. CVWD and DWA continue to participate in the DCP which will modernize SWP conveyance facilities in the Delta and increase future long-term

reliability. Existing natural channels currently used for SWP conveyance are vulnerable to earthquakes, rising sea level, and pumping restrictions. The DCP will construct and operate a new tunnel to bypass these vulnerable natural channels. The new facilities will convey water from the north Delta to the south Delta operating in coordination with the existing south Delta pumping facilities. The planning process for the proposed DCP is moving forward. On December 8, 2023, the CDWR released the Final EIR for the DCP to comply with the requirements of CEQA. CDWR approved the project and certified the Final EIR on December 21, 2023. In 2024, DWR continued work on CEQA/NEPA compliance, permitting and other environmental processes associated with the DCP project, and submitted a Change in Point of Diversion (CPOD) Petition to the State Water Resources Control Board. In April, DWR applied to the California Department of Fish and Wildlife for an Incidental Take Permit. In May 2024, an updated project cost estimate of $20.12 billion was released, along with a new cost-benefit analysis. CDWR requested an additional interim funding of $300 million for pre-construction activities for calendar years 2026 and 2027. In 2024, CDWR and the Delta Conveyance Authority continued with the community benefit programs, tribal outreach and engagement, and educational workshops.

9.2.4 Project WS-4: SWP – Lake Perris Seepage Recovery Project

CVWD and DWA are participating in the Lake Perris Seepage Recovery Project, which is being led by the CDWR and MWD. This project will collect and distribute SWP water seeping under the Lake Perris Dam for delivery to MWD in addition to its current allocated Table A water. The project consists of installing an integrated recovery well system that would include up to six new seepage recovery wells downgradient from the face of the Lake Perris Dam and a conveyance pipeline connecting the wells to MWD's Colorado River Aqueduct (CRA). CVWD and DWA were invited to partner in the project with MWD, and the parties signed an agreement with CDWR in 2021 to fund environmental analysis, planning, and preliminary design. The project is estimated to recover approximately 7,500 AFY, with approximately 2,750 AFY for delivery to CVWD and DWA, and will allocate a portion of this water to the Mission Creek Subbasin. This project is estimated to result in the delivery of 233 AFY of water to the Mission Creek GRF in 2027 increasing to approximately 268 AFY by 2045. The project is proceeding as planned. Currently, the CDWR is continuing to perform geotechnical modeling for the project and expects to begin construction in WY 2024-2025.

9.2.5 Project WS-5: SWP – Sites Reservoir Project

The Sites Project Authority is developing the Sites Reservoir Project. The project is considered "off-stream," i.e., it will not dam or impede the Sacramento River or other streams. The Sites Reservoir will operate in conjunction with other California reservoirs to increase water supply reliability and resiliency. Project implementation will increase water storage capacity in Northern California by up to 15 percent. Water supply and storage capacity will be available to water purveyors throughout California who want to purchase water supply from the Sites Reservoir Project. The project is in the early planning and permitting stages. The Sites Project Authority is currently negotiating agreements to secure funding and financing for the design, construction, and operation of the project.

In 2019, CVWD and DWA entered into an agreement with the Sites Project Authority for the next phase of planning for the Sites Reservoir (Sites Project Authority 2019; 2020). In 2022, CVWD's and DWA's Board of Directors authorized funding for Phase 2 Amendment 3 to the 2019 Sites Reservoir Project Agreement for 2022, 2023, and 2024. CVWD and DWA are participating members at 10,000 AFY (5.2%) and 6,500 AFY

(3.4%) levels, respectively. Assuming a 30 percent conveyance loss, CVWD and DWA anticipate an average delivery of 11,550 AFY of Sites Reservoir water when the project is completed. The portion of the Sites Reservoir Project estimated to be delivered to the Mission Creek Subbasin is 1,124 AFY.

In 2024, the Sites project was awarded over $200 million in federal grant funding from the WIIN Act and over $60 million in federal funding from the Department of the Interior. The Sites Project Authority continued work on permitting with SWRCB and ACOE, and in general throughout 2024, efforts continued with planning and coordination of engineering activities, environmental permitting, modelling, and community outreach and engagement. In August 2024, the Sites Reservoir Project water rights hearing began and is expected to continue at least through January 2025. In October 2024, the first land acquisition associated with the project was completed and the California Department of Fish and Wildlife issued an Incidental Take Permit for the project's construction and operations.

9.3 Water Quality Protection

There is a broad suite of active water quality protection programs that are implemented by local agencies, and collaboratively in the Planning Area. Several of these projects are related to updating the CV-SNMP, including the implementation of the CV-SNMP groundwater monitoring program, new wells for monitoring, and the development of the CV-SNMP. Water Quality Protection projects include:

- Project WQ-1: Convert from septic to sewer in MSWD area,
- Project WQ-2: Construct RWRF with nitrogen removal,
- Project WQ-3: Track water quality regulatory actions,
- Project WQ-4: Well source assessment and protection coordination,
- Project WQ-5: Engage in planning processes to protect water quality,
- Project WQ-6: Educate the public on groundwater quality issues,
- Project WQ-7: Implement CV-SNMP Development Workplan,
- Project WQ-8: Implement CV-SNMP Groundwater Monitoring Program Workplan,
- Project WQ-9: Install water quality monitoring wells, and
- Project WQ-10: Evaluate the occurrence and risk of uranium migration.

The water quality protection projects are described below.

9.3.1 Project WQ-1: Convert from Septic to Sewer in MSWD Area

Project WQ-1 is MSWD's ongoing Groundwater Quality Protection Program (GQPP) to convert residences from septic to community sewers and wastewater treatment facilities. MSWD Assessment District (AD) 15 and AD-18 will support septic to sewer conversions by providing local funding to match with grant funding opportunities. MSWD has completed the conversion of septic to sewer in five previous ADs to date. MSWD plans to begin construction of the AD-15 project in 2025. Additionally, MSWD continued the design for the final two subareas in AD-18. Finally, MSWD was awarded grant funding to complete the construction of AD-18 Subarea D3 through Proposition 1, Round 2. MSWD plans to begin construction on the project in 2025.

9.3.2 Project WQ-2: Construct RWRF With Nitrogen Removal

In anticipation of meeting future treatment and recharge needs, MSWD began construction of the RWRF (Project WQ-2), which will treat wastewater flows to secondary levels including nitrification and denitrification. Located in the Garnet Hill Subarea of the Indio Subbasin, the RWRF will divert some wastewater flows from existing wastewater treatment plants in the Mission Creek Subbasin that are nearing capacity. The RWRF will have an initial capacity of 1.5 million gallons per day (mgd). The RWRF project construction was completed in 2024, and operations are scheduled to begin in early 2025. The project is expected to reach 1.5 mgd treatment capacity by approximately 2030. The RWRF is designed to be readily expanded to 3.0 mgd capacity by converting from a sequence batch reactor treatment process to a membrane bioreactor treatment process within the same footprint. Wastewater flows will be from existing sewer customers and from the septic to sewer conversions in the Desert Hot Springs Subbasin, Mission Creek Subbasin, and Garnet Hill Subarea of the Indio Subbasin.

Treated wastewater will be discharged to evaporation/percolation ponds in the Garnet Hill Subarea and will show a measurable reduction in nitrogen in the effluent water quality samples compared to the existing septic system dischargers. The benefits of a treated RWRF effluent rather than septic discharges are reduced contributions of nitrates and ammonia to the aquifer, which results in improved groundwater quality. Upon completion of the RWRF construction, treated effluent from Project WQ-2 can be conveyed and reused in Project WS-2 with the construction of additional treatment, recycled water distribution systems, and groundwater recharge facilities.

9.3.3 Project WQ-3: Track Water Quality Regulatory Actions

State Water Resources Control Board – Division of Drinking Water (SWRCB-DDW) and the United States Environmental Protection Agency (USEPA) periodically update drinking water constituent lists for potential regulation. These updated lists need to be tracked and shared as they could affect the ability of the Agencies to comply with drinking water regulations. This PMA continues the ongoing effort to track potential regulatory actions of SWRCB-DDW and USEPA and to share information during Management Committee meetings, including information on hexavalent chromium (Cr-6) and per-and polyfluoroalkyl substances (PFAS). As water quality can vary across the Planning Area, each agency will evaluate its data to assess the impact of regulations within its boundaries.

The SWRCB-DDW established the primary maximum contaminant level (MCL) for Cr-6 of 10 micrograms per liter (µg/L) in drinking water effective October 1, 2024 and this change will impact WY 2024-2025 reporting. Cr-6 is naturally occurring at low levels in the Coachella Valley and many wells exceed the new MCL. The Agencies are working towards their compliance strategies to meet the Cr-6 MCL by the compliance deadline.

In April 2024, the United States Environmental Protection Agency (US EPA) announced final primary MCLs for six PFAS-related compounds. Monitoring of wells indicates that PFAS will not be an issue for the region's wells.

9.3.4 Project WQ-4: Well Source Assessment and Protection Coordination

Project WQ-4 provides information for source water assessment and wellhead protection to protect sources of drinking water. Information includes the potential for contaminating activities that may impact

both individual wells and managed and natural recharge areas. Potential contaminating activities can include spills, landfills, and underground tank leaks which are regulated by the Riverside County Department of Environmental Health (RCDEH), the Colorado River Basin Regional Water Quality Control Board (RWQCB), and/or California Department of Toxic Substance Control. The Agencies will continue to coordinate as necessary with the appropriate regulatory agencies responsible for monitoring and regulating potentially contaminating activities, especially if the activity occurs within well capture zones and/or principal recharge zones. Information gathered can be shared during Management Committee meetings and appropriate follow-up actions can be discussed and pursued. This is an ongoing activity with no specific updates in WY 2023-2024.

9.3.5 Project WQ-5: Engage in Planning Processes to Protect Water Quality

Project WQ-5 involves assessing development proposals during the entitlement process for potential water quality and other impacts. This activity is the responsibility of each agency. Agencies are notified of new projects in the incorporated cities of Desert Hot Springs and Palm Springs and unincorporated Riverside County through receipt of the notice of preparation of environmental documents, requests for water supply assessments for larger developments, and other means. Agencies can review and comment on the documents and identify water quality and other potential impacts to the Mission Creek Subbasin. This is an ongoing activity with no specific updates in WY 2023-2024.

9.3.6 Project WQ-6: Educate the Public on Groundwater Quality Issues

Project WQ-6 provides public education on groundwater quality. This project is ongoing through participation in the Groundwater Guardian program, a community educational program developed by the non-profit Groundwater Foundation. MSWD continued its support of the Groundwater Guardian program, a community educational program developed by the non-profit Groundwater Foundation. Utilizing a partnership with the Desert Hot Springs High School Renewable Energy Academy, students created a 3D model of the aquifer and surrounding mountains, which is now on display locally. MSWD also created an internship program hosting 2-4 students per school semester for 60-hours of hands-on learning. MSWD also partnered with the Desert Hot Springs Recreation Center to provide summer education related to groundwater. In addition, MSWD and CVWD partnered to provide Project Water Education for Teachers (Project WET) educator training to local teachers.

9.3.7 Project WQ-7: Implement CV-SNMP Development Workplan

In 2015, the CV-SNMP was developed for the Coachella Valley Groundwater Basin in accordance with the Recycled Water Policy. The CV-SNMP was prepared to manage salts and nutrients on a Subbasin-wide basis, while encouraging recycled water use. However, the RWQCB made recommendations for improvements to the CV-SNMP in 2020. In 2021 and 2022, the CV-SNMP Agencies – which include CVWD, CWA/Coachella Sanitary District, City of Palm Springs, DWA, IWA, MSWD, Myoma Dunes Mutual Water Company, and Valley Sanitary District – prepared a CV-SNMP Development Workplan (Development Workplan), which is the focus of this project, and a CV-SNMP Groundwater Monitoring Program Workplan (Groundwater Monitoring Workplan), which is Project WQ-8, to guide revisions to the plan.

The CV-SNMP Agencies submitted the Development Workplan to the RWQCB in September 2021 and it was accepted by the RWQCB in October 2021. The goal of the Development Workplan was to outline the

steps necessary to revise the 2015 CV-SNMP considering RWQCB review comments and in accordance with the 2018 Recycled Water Policy.

CVWD, DWA, and MSWD, along with the other CV-SNMP Agencies, are implementing the Development Workplan, which includes conducting public outreach and creating a technical advisory committee, characterizing current groundwater quality and salt loading, developing total dissolved solids/nitrogen (TDS/N) forecasting methodologies, completing forecasting for multiple scenarios, selecting a preferred scenario, establishing management zones, and recommending TDS objectives. The implementation schedule for the Development Workplan concludes with a final CV-SNMP submitted to the RWQCB in March 2027. The CV-SNMP Agencies initiated Development Workplan tasks to establish the CV-SNMP stakeholder group and Technical CV-SNMP Agencies continued to implement the Development Workplan tasks including maintaining the project website (cvsnmp.com) as well as completing work and publishing the final Technical Memorandum (TM) #1 – Characterize TDS/N Mass Loading to the Coachella Valley Groundwater Basin (West Yost, 2023). Drafts of TM #2 - Characterize Current Groundwater Quality and TM #4 - Develop Technical Approach for Forecasting TDS/N Concentrations in Groundwater were both published for public review. The public review period of these documents ended on November 4, 2024. The final versions of TM #2 and #4 will be published in early 2025. The technical team began work to develop the draft TM #3 for delineating draft management zones and describing metrics to characterize beneficial use protection in coordination with the steering committee and Technical Advisory Committee (TAC). Draft TM #3 is anticipated for public review in early 2025. The second community workshop was held on December 11, 2024, and included a high-level overview of TMs # 1, 2, and 4 along with a walkthrough of the components of TM #3. The technical team began work on draft TM #5 for constructing TDS/N forecasting tools and evaluating the baseline scenario.

9.3.8 Project WQ-8: Implement CV-SNMP Groundwater Monitoring Program Workplan

With the other CV-SNMP Agencies, CVWD, DWA, and MSWD are implementing the Groundwater Monitoring Workplan approved by the RWQCB in February 2021. The Groundwater Monitoring Workplan outlines an expanded groundwater monitoring program to sufficiently characterize nitrogen and TDS concentrations in groundwater. The Groundwater Monitoring Workplan covers all subbasins within the Coachella Valley Groundwater Basin, including Mission Creek Subbasin; includes sampling from the deep, shallow, and perched zones of the aquifer; focuses on critical areas near large water reclamation plants, Groundwater Replenishment Facilities (GRFs), and other potential sources of salt and nutrient loading; and emphasizes areas near production wells. The Groundwater Monitoring Workplan establishes the monitoring network, sampling frequency, and reporting of monitoring results, and identifies data gaps to be filled in the monitoring network. Efforts to install water quality monitoring wells under this workplan are described in Project WQ-9. CV-SNMP Agencies submitted the third annual progress report and data of the first triennial monitoring cycle to the RWQCB in March 2024, which was the final report of the first triennial monitoring cycle. The CV-SNMP Agencies will initiate the second triennial monitoring of the existing network beginning in 2024. Monitoring of the network wells is ongoing. The Agencies signed a data sharing memorandum of understanding (MOU) with the Agua Caliente Band of Cahuilla Indians for monitoring of three wells on Trust land.

9.3.9 Project WQ-9: Install Water Quality Monitoring Wells

The CV-SNMP Groundwater Monitoring Workplan identified locations in the Coachella Valley Groundwater Basin, including Mission Creek Subbasin, at which monitoring wells will be constructed and sampled to address data gaps. Wells were to be constructed in accordance with the schedule provided in the Groundwater Monitoring Workplan to support water quality data collection. The schedule requires that wells be installed to collect at least one sample from each well by December 31, 2026. CVWD, on behalf of the Agencies, submitted and received approval for an individual application to the CDWR Technical Support Services (TSS) to construct proposed water quality monitoring wells in the Mission Creek Subbasin. Well service request forms were submitted to the TSS program and approved for monitoring wells at several sites in the Mission Creek Subbasin. CDWR began construction of the monitoring wells in 2024, including completion of the first monitoring well in June 2024.
Agencies continue to coordinate with CDWR on construction of the remaining monitoring wells, which are scheduled for completion in 2025.

9.3.10 Project WQ-10: Evaluate Occurrence and Risk of Uranium Migration

MSWD plans to initiate a study in the near term to evaluate the potential sources and migration risk of uranium. The study is also intended to evaluate whether the uranium source is associated with specific alluvial sediments so that future wells can be designed to avoid those sediments if necessary. There are no specific updates for this project in WY 2023-2024.

9.4 SGMA Implementation

SGMA implementation will require continuing a range of monitoring, data management and reporting activities that have been an integral part of water management since the preparation of the 2013 Mission Creek-Garnet Hill Water Management Plan (2013 MC-GH WMP). The SGMA Implementation projects are:

- Project SGMA-1: Continue existing subbasin Management Committee structure,
- Project SGMA-2: Conduct subsidence evaluation,
- Project SGMA-3: Maintain and manage water related data,
- Project SGMA-4: SGMA Annual Reports,
- Project SGMA-5: Five-Year Alternative Plan Updates, and
- Project SGMA-6: Pursue funding opportunities.

The projects below are either required by the SGMA or otherwise support meeting the SGMA requirements.

9.4.1 Project SGMA-1: Continue Existing Subbasin Management Committee Structure

This project was initiated during the preparation of the 2013 MC-GH WMP and satisfies CDWR's guidelines for a groundwater management planning committee. The Management Committee is a requirement of the 2004 Settlement Agreement and meetings between General Managers and staff occur quarterly. In addition, staff have periodic coordination meetings for items like Alternative Plan Updates,

Annual Reports, or other relevant topics that may arise and will meet at least once per year to specifically discuss the Annual Report. In WY 2023-2024, the Management Committee met quarterly, and staff held regular coordination meetings to discuss the Alternative Plan Update and Annual Report and other Subbasin topics.

9.4.2 Project SGMA-2: Conduct Subsidence Evaluation

The Agencies have engaged the United States Geological Survey (USGS) to conduct a more detailed evaluation of the potential for subsidence in the Mission Creek Subbasin. As part of this evaluation, the Agencies provided USGS groundwater level data in December 2021 and based on their initial review, the USGS decided to move forward with the evaluation. In WY 2022-2023, three new benchmarks were constructed and high precision global positioning system (GPS) measurements were taken at the new benchmarks. The USGS is analyzing data collected for the subsidence study and plans to publish a final report in 2025.

9.4.3 Project SGMA-3: Maintain and Manage Water Related Data

Each agency maintains a broad range of groundwater information such as groundwater pumping, water levels, and water quality. Project SGMA-3 continues the Agencies' current practice of compiling and validating this information. The data will be used to evaluate groundwater management needs such as trends relative to Sustainable Management Criteria including water levels, basin storage, subsidence, and water quality to be reported in Project SGMA-4: SGMA Annual Reports and Project SGMA-5: Five-Year Alternative Plan Updates. This is an ongoing activity with no specific updates in WY 2023-2024.

9.4.4 Project SGMA-4: SGMA Annual Reports

The Management Committee will prepare and submit an Annual Report to the CDWR by the April 1 deadline each year. The Annual Report is a comprehensive evaluation of water data that have been collected by each agency, per Project SGMA-3: Maintain and manage water related data. Annual reports are required to include the following components for the preceding water year:

- General information, including an executive summary and a location map depicting the basin covered by the report.
- A detailed description and graphical representation of the following conditions of the basin: groundwater elevation contour maps for each aquifer showing seasonal highs and low water levels; hydrographs of groundwater elevations; groundwater extraction by water use sector that identifies the method of measurement, the accuracy of measurement and a map that illustrates the general location and volume of groundwater extractions; surface water supply used or available for use for groundwater recharge or in-lieu use; total water use reported by water use sector and water source type; change in groundwater storage map for each principal aquifer; and a graph depicting water year type groundwater use, annual change in groundwater storage, and the cumulative change in groundwater storage for the basin based on historical data.
- A description of progress towards implementing the Alternative Plan, including achieving interim milestones, and implementing of PMAs since the previous annual report.

9.4.5 Project SGMA-5: Five-Year Alternative Plan Updates

The 2013 MC-GH WMP identified the need for periodic review and update of the water management plan. As required by the SGMA, a five-year periodic review of the Alternative Plan (in this section also referred to as the "Plan") will be conducted every five years to assess changing conditions in the Mission Creek Subbasin that may warrant modification of the Plan or management objectives.

The Agencies intend to use this 5-year review to update the Alternative Plan as part of the overall evaluation of groundwater conditions and the status of PMAs to determine whether the Sustainable Management Criteria and management objectives are meeting the sustainability goals of the Mission Creek Subbasin. In addition to meeting the SGMA requirements, the Agencies identified some other key areas requiring periodic review including evaluation of demand projections, imported water supply reliability, and update of the groundwater model and model forecasts. The first 5-year periodic review and resulting Alternative Plan Update was completed in November 2021 and was submitted to the CDWR in December 2021. In June 2024, CDWR approved the 2022 Alternative Plan Update as part of their Periodic Review of the Mission Creek Subbasin Alternative Groundwater Sustainability Plan (CDWR, 2024). Based on these findings, the CDWR proposed recommended corrective actions to enhances the Alternative Plan and facilitate future evaluation by CDWR. The corrective actions included clarification of inter-basin coordination on items such as monitoring networks and hydrogeological conceptual models, monitoring network reporting to the SGMA Portal Monitoring Network Module (MNM), and incorporation of an approved salt and nutrient management plan into future iterations of the Alternative Plan.
The Agencies initiated discussion on the next 5-year periodic review and anticipated Alternative Plan update, which is due to the CDWR by January 1, 2027.

9.4.6 Project SGMA-6: Pursue Funding Opportunities

Development of the 2022 Alternative Plan Update was partially funded through a Proposition 68 Sustainable Groundwater Management Grant. Additional outside grants will be sought to reduce the cost of implementing the project and management actions for the participating agencies and the communities that rely on the Mission Creek Subbasin. Financing options under consideration include loans and grants for projects and management actions, as well as monitoring network improvements and other planning/feasibility analyses needed to support Plan implementation. Funding through grants or loans has varying levels of certainty and may be available for some implementation activities (including capital projects). The Agencies will continue to identify and pursue funding opportunities for PMAs as funding opportunities become available.

9.5 Well Management

Well management activities will facilitate maintaining water quality in the Mission Creek Subbasin in addition to improving data collection regarding well locations and pumping. The well management projects are:

- Project WELL-1: Well construction, abandonment, and destruction management;

- Project WELL-2: Subbasin well inventory; and
- Project WELL-3: Expand groundwater production reporting.

These projects are described below.

9.5.1 Project WELL-1: Well Construction, Abandonment, and Destruction Management

This project is an important management tool as RCDEH has regulatory authority over well construction and destruction. RCDEH has a permitting process for new or replacement wells in the Mission Creek Subbasin, encompassed in Riverside County Ordinance 682.4. In addition, the Riverside County General Plan and the City of Desert Hot Springs General Plan include policies related to wellhead protection and sustainable groundwater pumping. The Agencies will continue to work with RCDEH so that any new wells are constructed to current standards, artesian flow management policies are followed, and any existing wells that could negatively impact groundwater quality are retrofitted, properly capped, or destroyed. In WY 2023-2024, the Agencies continued to review permit applications for new wells and alteration of existing wells for compliance with the Governor's Executive Order N-3-23. This order requires verification from the Groundwater Sustainability Agency (GSA) that the proposed well location is generally consistent (not inconsistent) with the Alternative Plan Update and will not decrease the likelihood of achieving the sustainability goals that the GSAs have developed under the SGMA. Two permit applications were reviewed by CVWD in WY 2023-2024 and found to be consistent with the Alternative Plan Update. No permit applications for new wells or alteration of existing wells in the Mission Creek Subbasin were received by DWA in WY 2023-2024. Note that the provision of Executive Order N-3-23 requiring GSAs to review proposed well locations was rescinded on September 5, 2024 though the Governor's Executive Order N-3-24.

9.5.2 Project WELL-2: Subbasin Well Inventory

The Mission Creek Subbasin has a well inventory compiled by CVWD and DWA to implement the Replenishment Assessment Charge (RAC) Programs for assessable groundwater production. CVWD levies and collects the RAC from groundwater producers that benefit from the Groundwater Replenishment Programs (GRPs) and extract more than 25 AFY within the CVWD Mission Creek Subbasin Area of Benefit (AOB). DWA levies and collects the RAC from groundwater producers that benefit from the GRPs and extract more than 10 AFY within DWA's Mission Creek Subbasin AOB. However, data on minimal pumpers who do not meet these criteria are incomplete. It is unclear how many wells producing less than the RAC criteria exist, and approximations of unreported production are best estimates.

The Agencies may develop a well inventory for the Mission Creek Subbasin that will identify and compile information about all production wells located in the Mission Creek Subbasin. CVWD is evaluating this effort, with DWA participating at its discretion. The well inventory would involve development of a well registry. The well inventory would support any expansion or refinement of the monitoring network, allow improvement of groundwater extraction estimates, and improve the understanding of how private wells may affect Mission Creek Subbasin conditions and how Mission Creek Subbasin management may affect private wells. Compilation of the well inventory may include the following:

- Review and organize data management systems to incorporate well inventory component;

- Gather water well drillers' reports with well construction information;
- Coordinate with well owners to identify wells and obtain relevant information on location, construction, use, status, and monitoring, if any;
- Conduct as-needed field visits to verify well location, use, and status; and
- Input well inventory information into the data management system.

The Agencies will collaborate with the CDWR, local agencies, water users, landowners, and leaseholders to identify and locate wells and compile information on construction, status, and use. This is an ongoing activity with no specific updates in WY 2023-2024.

9.5.3 Project WELL-3: Expand Groundwater Production Reporting

SGMA (Section 10725.8) authorizes GSAs to require that the use of every groundwater extraction facility (production well) be measured with a water-measuring device (meter) except for de minimis extractors (domestic users extracting 2 AFY or less). CVWD and DWA already require metering and extraction reporting by groundwater producers pumping more than 25 and 10 AFY, respectively, based on their respective water management authorities. CVWD and DWA separately author an Engineer's Report on Water Supply and Replenishment Assessment annually to assess the groundwater supply conditions and the need for continued replenishment within their AOBs, to provide a description of the current GRF operations, and to recommend adjustments to the RACs that are levied on groundwater production (see CVWD's website: https://cvwd.org/Archive.aspx?AMID=43 and DWA's website: https://dwa.org/about-us/documents/library/).

CVWD and DWA deferred expansion of groundwater extraction reporting to include groundwater pumpers that produce less than the current assessment thresholds but more than the de minimis threshold established by the SGMA. CVWD and DWA may pursue this PMA in the future.

9.6 Adaptive Management

The Agencies have developed an adaptive management process to monitor management progress and adjust management plans and procedures as needed. The adaptive management process consists of the following steps: 1) Planning, 2) Implementation, 3) Monitoring, 4) Analysis, and 5) Modification. The key to the adaptive management process is continual evaluation and program adjustment to meet the overall Mission Creek Subbasin management objectives.

9.7 Summary of Active Projects

The sections above describe PMAs identified in the 2022 Alternative Plan Update that are currently being implemented (ongoing) or PMAs that will be implemented in the future (collectively Active PMAs). **Table 9-1** provides a summary of the Active PMAs and any updates that occurred in WY 2023-2024.

Table 9-1
Summary of Active Projects and Management Actions

Project No.	Project/Program	Project/Program Description and Update for WY 2023-2024	Ongoing/Planned
Water Conservation (WC)			
WC-1	Continue to implement urban water conservation and education programs	The Agencies continued education and outreach to encourage water use efficiency by urban water users, indoor and outdoor incentive programs, ordinances and conservation pricing, water loss management, and conservation staff support. In WY 2023-2024, CVWD completed construction on a new demonstration garden at its Palm Desert office location. CVWD launched a grant-funded turf conversion program available to the more than 100 golf courses located within CVWD's service area. Desert Water Agency continued implementing its indoor and outdoor incentive programs. MSWD expanded its rebate offerings, adding incentives for smart controllers, replacement rebates for inefficient clothes washers and toilets, while maintaining its turf removal programs.	Ongoing
WC-2	Track water conservation effectiveness through the Urban Water Management Plans (UWMPs)	CVWD, DWA and MSWD continued to track the effectiveness of their urban water conservation programs and the progress towards achieving their water conservation goals in the UWMPs prepared at 5-year intervals. Work on the next 5-year UWMP update will begin in 2025.	Ongoing
WC-3	Regional water savings study	In 2023, the Agencies submitted a request and received grant funding for the Regional Conservation Study. Work on the study, identified as the CVRWMG Regional Conservation Study, continued through WY 2023-2024, and the final study and supplemental documents were issued in October 2024.	Completed
WC-4	Implement Water Shortage Contingency Plan	The Agencies remained in Level 1 of the Water Shortage Contingency Plan during WY 2023-2024. Agencies continued to monitor water	Ongoing

Table 9-1
Summary of Active Projects and Management Actions

Project No.	Project/Program	Project/Program Description and Update for WY 2023-2024	Ongoing/Planned
		supplies and operational changes that could alleviate any future water shortages.	
Water Supply (WS) Including Reliability and New Supply Development			
WS-1	Continue existing imported water replenishment program	CVWD and DWA to continue recharge activities at the Mission Creek GRF based on SWP Exchange water availability. In WY 2023-2024, 5,432 AF of recharge occurred at the Mission Creek GRF.	Ongoing
WS-2	Recycled water for reuse in Mission Creek Subbasin	MSWD completed construction of the RWRF, with plant operations beginning in early 2025.	Construction Completed Operations Planned
WS-3	State Water Project (SWP) – Delta Conveyance Project	CVWD and DWA are participants in the DCP which will develop new facilities to modernize the SWP system. On December 8, 2023, the CDWR released the Final EIR for the DCP to comply with the requirements of CEQA. CDWR approved the project and certified the Final EIR on December 21, 2023. In 2024, DWR continued work on CEQA/NEPA compliance, permitting and other environmental processes associated with the DCP project, and submitted a Change in Point of Diversion (CPOD) Petition to the State Water Resources Control Board. In April, DWR applied to the California Department of Fish and Wildlife for an Incidental Take Permit. In May 2024, an updated project cost estimate of $20.12 billion was released, along with a new cost-benefit analysis. CDWR requested an additional interim funding of $300 million for pre-construction activities for calendar years 2026 and 2027. In 2024, CDWR and the Delta Conveyance Authority continued with the	Planned

Table 9-1
Summary of Active Projects and Management Actions

Project No.	Project/Program	Project/Program Description and Update for WY 2023-2024	Ongoing/Planned
		community benefit programs, tribal outreach and engagement, and educational workshops.	
WS-4	SWP – Lake Perris Seepage Recovery Project	CVWD and DWA are participants in the Lake Perris Seepage Recovery Project, which consists of installing an integrated recovery well system to collect SWP water that is currently seeping beneath Perris Dam. Currently, the CDWR is continuing to perform geotechnical modeling for the project and expects to begin construction in WY 2024-2025.	Planned
WS-5	SWP – Sites Reservoir Project	CVWD and DWA are participants in the Sites Reservoir Project, an off-stream reservoir designed to capture winter runoff from uncontrolled streams below the existing reservoirs in the Sacramento Valley. In 2024, the Sites project was awarded over $200 million in federal grant funding from the WIIN Act and over $60 million in federal funding from the Department of the Interior. The Sites Project Authority continued work on permitting with SWRCB and ACOE, and in general throughout 2024, efforts continued with planning and coordination of engineering activities, environmental permitting, modelling, and community outreach and engagement. In August 2024, the Sites Reservoir Project water rights hearing began and is expected to continue through at least January 2025. In October 2024, the first land acquisition associated with the project was completed and the California Department of Fish and Wildlife issued an Incidental Take Permit for the project's construction and operations.	Planned
Water Quality Protection (WQ)			
WQ-1	Convert from septic to sewer in MSWD's service area	Continued septic to sewer conversions within MSWD service area as a part of wastewater and groundwater management.	Ongoing

Table 9-1
Summary of Active Projects and Management Actions

Project No.	Project/Program	Project/Program Description and Update for WY 2023-2024	Ongoing/Planned
WQ-2	Construct Regional Water Reclamation Facility (RWRF) with nitrogen removal	Construction was completed in WY 2023-2024 with operations scheduled to begin in early 2025.	Construction Completed Operations Planned
WQ-3	Track water quality regulatory actions	Agencies continued to track potential regulatory actions of SWRCB-DDW and USEPA that could affect ability to comply with drinking water regulations including Cr-6 and PFAS. Effective October 1,2024 (the beginning of WY 2024-2025), SWRCB-DDW established the primary MCL for Cr-6 of 10 µg/L in drinking water. Cr-6 is naturally occurring at low levels in the Coachella Valley, but many wells exceed the new California MCL. The Agencies are working towards their compliance strategies to meet the Cr-6 MCL by the compliance deadline. Monitoring of wells indicates that PFAS will not be an issue for the region's wells.	Ongoing
WQ-4	Well source assessment and protection coordination	Agencies continued to coordinate with the appropriate local, state, and federal regulatory agencies regarding potentially contaminating activities within well capture zones and principal recharge zones.	Ongoing
WQ-5	Engage in planning processes to protect water quality	Agencies continued to review and comment on proposed land developments, environmental documents and land use plans developed by local planning agencies.	Ongoing
WQ-6	Educate public on groundwater quality issues	MSWD continued its support of the Groundwater Guardian program, a community educational program developed by the non-profit Groundwater Foundation. Utilizing a partnership with the Desert Hot Springs High School Renewable Energy Academy, students created a 3D model of the aquifer and surrounding mountains, which is now on display locally. MSWD also created an internship program hosting 2-4	Ongoing

Table 9-1
Summary of Active Projects and Management Actions

Project No.	Project/Program	Project/Program Description and Update for WY 2023-2024	Ongoing/Planned
		students per school semester for 60-hours of hands-on learning. MSWD also partnered with the Desert Hot Springs Recreation Center to provide summer education related to groundwater. In addition, MSWD and CVWD partnered to provide FREE Project WET educator training to local teachers.	
WQ: Salt and Nutrient Management Planning			
WQ-7	Participate in Implementation of CV-SNMP Development Workplan	CV-SNMP Agencies continued to implement the Development Workplan tasks including maintaining the project website (cvsnmp.com) as well as completing work and publishing the final Technical Memorandum (TM) #1 – Characterize TDS/N Mass Loading to the Coachella Valley Groundwater Basin. Drafts of TM #2 - Characterize Current Groundwater Quality and TM #4 - Develop Technical Approach for Forecasting TDS/N Concentrations in Groundwater were both published for public review. The public review period of these documents ended on November 4, 2024. The final versions of TM #2 and TM #4 will be published in early 2025. The technical team began work to develop the draft TM #3 for delineating draft management zones and describing metrics to characterize beneficial use protection in coordination with the steering committee and Technical Advisory Committee (TAC). Draft TM #3 is anticipated for public review in early 2025. The second community workshop was held on December 11, 2024, and included a high-level overview of TMs # 1, 2, and 4 along with a walkthrough of the components of TM #3. The technical team also began work on draft TM #5 for constructing N/TDS forecasting tools and evaluating the baseline scenario.	Ongoing: completion in March 2027

Table 9-1
Summary of Active Projects and Management Actions

Project No.	Project/Program	Project/Program Description and Update for WY 2023-2024	Ongoing/Planned
WQ-8	Implement CV-SNMP Groundwater Monitoring Program Workplan	CV-SNMP Agencies submitted the third annual progress report and data of the first triennial monitoring cycle to the RWQCB in March 2024, which was the final report of the first triennial monitoring cycle. The CV-SNMP Agencies will initiate the second triennial monitoring of the existing network beginning in 2024. Monitoring of the network wells is ongoing. The Agencies signed a data sharing MOU with the Agua Caliente Band of Cahuilla Indians for monitoring of three wells on Trust land.	Ongoing
WQ-9	Install water quality monitoring wells	CVWD, on behalf of the Agencies, submitted and received approval for an individual application to the CDWR Technical Support Services (TSS) to construct proposed water quality monitoring wells in the Mission Creek Subbasin. Well service request forms were submitted to the TSS program and approved for monitoring wells at several sites in the Mission Creek Subbasin. DWR began construction of the monitoring wells in 2024, including completion of the first DWA monitoring well in June 2024. Agencies continue to coordinate with CDWR on construction of the remaining monitoring wells which are scheduled for completion in 2025.	Ongoing
WQ-10	Evaluate Occurrence and Risk of Uranium Migration	MSWD plans to initiate a study in the near term to evaluate the potential sources and migration risk of uranium.	Ongoing
SGMA Implementation (SGMA)			
SGMA-1	Continue existing subbasin management committee structure	The Agencies continued to maintain the existing Mission Creek Subbasin Management Committee structure.	Ongoing
SGMA-2	Conduct subsidence evaluation	USGS is analyzing data collected for the subsidence study and plans to publish a final report in 2025.	Ongoing

Table 9-1
Summary of Active Projects and Management Actions

Project No.	Project/Program	Project/Program Description and Update for WY 2023-2024	Ongoing/Planned
SGMA-3	Maintain and manage water related data	The Agencies continued to maintain existing agency-specific data management systems to be combined annually to prepare SGMA Annual Reports.	Ongoing
SGMA-4	SGMA Annual Reports	The Agencies assembled, processed, and evaluated water data for the Mission Creek Subbasin Annual Report for SGMA compliance for WY 2023-2024.	Ongoing
SGMA-5	Five-Year Alternative Plan Updates	The Agencies initiated discussions on the five-year periodic report update. An update is due to the CDWR on January 1, 2027.	Ongoing: due January 1, 2027
SGMA-6	Pursue funding opportunities	The Agencies continued to identify and will pursue funding opportunities for PMAs as opportunities become available.	Ongoing
Well Management (WELL)			
WELL-1	Well construction, abandonment, and destruction management	Agencies continued cooperative efforts with RCDEH regarding well management programs. Two permit applications were reviewed by CVWD in WY 2023-2024 and found to be consistent with the Alternative Plan Update.	Ongoing
WELL-2	Subbasin Well Inventory	The Agencies continued to develop a well inventory system.	Ongoing
WELL-3	Expand Groundwater Production Reporting	The Agencies have deferred expansion of requirements for reporting of groundwater extraction to any pumpers that extracts more than the de minimis user threshold of 2 AFY or less established by the SGMA. This PMA may be pursued again in the future.	Ongoing

9.8 Summary of Progress

The Agencies continue to implement the goals and programs of the 2022 Alternative Plan Update and have made significant progress in maintaining the sustainability of groundwater supplies in the Mission Creek Subbasin. For WY 2023-2024, groundwater production was approximately 23 percent less than the historical highs in the mid-2000s. The ongoing basin monitoring program result demonstrates that long-term overdraft (i.e., the average overdraft over a generally 20-year period or more) in the Mission Creek Subbasin has been eliminated.

Groundwater level monitoring demonstrates increased groundwater levels since 2009 in most of the Mission Creek Subbasin. The rise in groundwater levels and the resulting increase in groundwater storage is due to the continued implementation of the water management elements described above, including the delivery of imported water for groundwater replenishment. All but one of the Key Wells showed groundwater levels higher than the Measurable Objective (i.e., maintaining water levels at or above 2009 levels) for the water level sustainability criteria identified in the 2022 Alternative Plan Update, and consequently, substantially above the Minimum Thresholds. The well with a water level below the Measurable Objective was 7.6 feet below the objective, but above the Minimum Threshold. The Measurable Objective for this well had been identified as provisional and may be adjusted based on overall water level trends in the Mission Creek Subbasin. Maintaining water levels above the sustainability criteria also resulted in maintaining groundwater storage above its Measurable Objective and Minimum Threshold. Monitoring ground levels using Interferometric Synthetic Aperture Radar (InSAR) data from CDWR continued to confirm that subsidence is not occurring in the Mission Creek Subbasin. A review of water quality data for the water year did not indicate any water quality exceedances above the Minimum Thresholds.

Continued implementation of the 2022 Alternative Plan Update is critical to meeting the goals of the Plan. The Agencies will also continue to evaluate the effectiveness of their groundwater monitoring program, and additional wells will be added to the program as the need and opportunity arise. The Agencies will continue to gather information on the potential for subsidence in the Mission Creek Subbasin and update the sustainability criteria for this Sustainability Indicator, if needed. In addition, the CV-SNMP development will include information gathering and analyses that will enhance the regional understanding of water quality in the Mission Creek Subbasin.

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APPENDIX

A GROUNDWATER ELEVATION DATA WY 2022-2023 AND WY 2023-2024

Table A-1

Groundwater Elevation Data WY 2022-2023 and WY 2023-2024

Mission Creek Subbasin Annual Report

Water Year 2023-2024

Coachella Valley, California

State Well Number	Monitoring Well Type	Monitoring Agency	Groundwater Level Measurement Date	Measuring Point Elevation (feet NAVD88)[1,2]	Depth to Groundwater (feet bmp)	Groundwater Elevation (feet NAVD88)	Water Year[3]
02S04E21H001S	Other	DWA	10/11/2022	1449.84	500.45	949.39	2023
02S04E21H001S	Other	DWA	11/21/2022	1449.84	501.8	948.04	2023
02S04E21H001S	Other	DWA	12/21/2022	1449.84	502.7	947.14	2023
02S04E21H001S	Other	DWA	1/23/2023	1449.84	503.55	946.29	2023
02S04E21H001S	Other	DWA	2/23/2023	1449.84	504.65	945.19	2023
02S04E21H001S	Other	DWA	4/5/2023	1449.84	506	943.84	2023
02S04E21H001S	Other	DWA	5/26/2023	1449.84	507.3	942.54	2023
02S04E21H001S	Other	DWA	6/14/2023	1449.84	507.83	942.01	2023
02S04E21H001S	Other	DWA	7/21/2023	1449.84	509.33	940.51	2023
02S04E21H001S	Other	DWA	8/23/2023	1449.84	503.16	946.68	2023
02S04E21H001S	Other	DWA	9/19/2023	1449.84	495.42	954.42	2023
02S04E21H001S	Other	DWA	10/18/2023	1449.84	491.17	958.67	2024
02S04E21H001S	Other	DWA	12/4/2023	1449.84	488.2	961.64	2024
02S04E21H001S	Other	DWA	12/15/2023	1449.84	488.4	961.44	2024
02S04E21H001S	Other	DWA	1/31/2024	1449.84	489.3	960.54	2024
02S04E21H001S	Other	DWA	2/16/2024	1449.84	490.1	959.74	2024
02S04E21H001S	Other	DWA	3/20/2024	1449.84	491.4	958.44	2024
02S04E21H001S	Other	DWA	4/18/2024	1449.84	492.35	957.49	2024
02S04E21H001S	Other	DWA	6/3/2024	1449.84	493.8	956.04	2024
02S04E21H001S	Other	DWA	7/29/2024	1449.84	495.3	954.54	2024
02S04E21H001S	Other	DWA	8/28/2024	1449.84	495.45	954.39	2024
02S04E21H001S	Other	DWA	9/26/2024	1449.84	487.2	962.64	2024
02S04E23N002S	Key	MSWD	10/4/2022	1284.55	560.1	724.45	2023
02S04E23N002S	Key	MSWD	11/1/2022	1284.55	560.4	724.15	2023
02S04E23N002S	Key	MSWD	12/21/2022	1284.55	560.35	724.2	2023
02S04E23N002S	Key	MSWD	1/20/2023	1284.55	560.33	724.22	2023
02S04E23N002S	Key	MSWD	2/8/2023	1284.55	560.56	723.99	2023
02S04E23N002S	Key	MSWD	3/7/2023	1284.55	560.58	723.97	2023
02S04E23N002S	Key	MSWD	4/6/2023	1284.55	560.81	723.74	2023
02S04E23N002S	Key	MSWD	5/10/2023	1284.55	561.69	722.86	2023
02S04E23N002S	Key	MSWD	6/23/2023	1284.55	562.34	722.21	2023
02S04E23N002S	Key	MSWD	7/18/2023	1284.55	562.87	721.68	2023
02S04E23N002S	Key	MSWD	8/1/2023	1284.55	562.71	721.84	2023
02S04E23N002S	Key	MSWD	9/12/2023	1284.55	562.57	721.98	2023
02S04E23N002S	Key	MSWD	10/2/2023	1284.55	562.59	721.96	2024
02S04E23N002S	Key	MSWD	11/6/2023	1284.55	562.8	721.75	2024
02S04E23N002S	Key	MSWD	12/12/2023	1284.55	562.73	721.82	2024
02S04E23N002S	Key	MSWD	1/8/2024	1284.55	562.57	721.98	2024
02S04E23N002S	Key	MSWD	2/5/2024	1284.55	561.71	722.84	2024
02S04E23N002S	Key	MSWD	3/5/2024	1284.55	561.92	722.63	2024
02S04E23N002S	Key	MSWD	4/9/2024	1284.55	561.62	722.93	2024
02S04E23N002S	Key	MSWD	5/2/2024	1284.55	562.15	722.4	2024
02S04E23N002S	Key	MSWD	6/4/2024	1284.55	562.61	721.94	2024
02S04E23N002S	Key	MSWD	7/17/2024	1284.55	562.61	721.94	2024
02S04E23N002S	Key	MSWD	8/14/2024	1284.55	563.08	721.47	2024
02S04E23N002S	Key	MSWD	9/3/2024	1284.55	563.08	721.47	2024
02S04E26C001S	Other	MSWD	10/3/2022	1243.55	528.45	715.1	2023
02S04E26C001S	Other	MSWD	11/1/2022	1243.55	529.01	714.54	2023
02S04E26C001S	Other	MSWD	12/22/2022	1243.55	528.69	714.86	2023
02S04E26C001S	Other	MSWD	1/24/2023	1243.55	528.71	714.84	2023
02S04E26C001S	Other	MSWD	2/21/2023	1243.55	528.48	715.07	2023
02S04E26C001S	Other	MSWD	3/22/2023	1243.55	528.96	714.59	2023
02S04E26C001S	Other	MSWD	4/6/2023	1243.55	528.96	714.59	2023
02S04E26C001S	Other	MSWD	5/10/2023	1243.55	529.93	713.62	2023
02S04E26C001S	Other	MSWD	6/23/2023	1243.55	531.27	712.28	2023

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02S04E26C001S	Other	MSWD	7/17/2023	1243.55	530.86	712.69	2023
02S04E26C001S	Other	MSWD	8/1/2023	1243.55	531.02	712.53	2023
02S04E26C001S	Other	MSWD	9/12/2023	1243.55	530.76	712.79	2023
02S04E26C001S	Other	MSWD	10/2/2023	1243.55	530.67	712.88	2024
02S04E26C001S	Other	MSWD	11/6/2023	1243.55	531.04	712.51	2024
02S04E26C001S	Other	MSWD	12/14/2023	1243.55	528.6	714.95	2024
02S04E26C001S	Other	MSWD	1/10/2024	1243.55	527.8	715.75	2024
02S04E26C001S	Other	MSWD	2/5/2024	1243.55	527.5	716.05	2024
02S04E26C001S	Other	MSWD	3/5/2024	1243.55	528.96	714.59	2024
02S04E26C001S	Other	MSWD	4/15/2024	1243.55	528.96	714.59	2024
02S04E26C001S	Other	MSWD	5/2/2024	1243.55	528.6	714.95	2024
02S04E26C001S	Other	MSWD	6/4/2024	1243.55	528.9	714.65	2024
02S04E26C001S	Other	MSWD	7/15/2024	1243.55	528.8	714.75	2024
02S04E26C001S	Other	MSWD	8/14/2024	1243.55	529	714.55	2024
02S04E26C001S	Other	MSWD	9/4/2024	1243.55	529.3	714.25	2024
02S04E28A001S	Other	MSWD	10/3/2022	1393.84	444	949.84	2023
02S04E28A001S	Other	MSWD	11/17/2022	1393.84	445.3	948.54	2023
02S04E28A001S	Other	MSWD	12/21/2022	1393.84	446	947.84	2023
02S04E28A001S	Other	MSWD	1/24/2023	1393.84	447.5	946.34	2023
02S04E28A001S	Other	MSWD	2/14/2023	1393.84	447.7	946.14	2023
02S04E28A001S	Other	MSWD	3/8/2023	1393.84	448.1	945.74	2023
02S04E28A001S	Other	MSWD	4/6/2023	1393.84	449.1	944.74	2023
02S04E28A001S	Other	MSWD	5/10/2023	1393.84	450	943.84	2023
02S04E28A001S	Other	MSWD	6/23/2023	1393.84	451.3	942.54	2023
02S04E28A001S	Other	MSWD	7/18/2023	1393.84	451.9	941.94	2023
02S04E28A001S	Other	MSWD	8/1/2023	1393.84	452	941.84	2023
02S04E28A001S	Other	MSWD	9/12/2023	1393.84	446.4	947.44	2023
02S04E28A001S	Other	MSWD	10/2/2023	1393.84	442.8	951.04	2024
02S04E28A001S	Other	MSWD	11/15/2023	1393.84	436.7	957.14	2024
02S04E28A001S	Other	MSWD	4/15/2024	1393.84	436.6	957.24	2024
02S04E28A001S	Other	MSWD	5/2/2024	1393.84	436.9	956.94	2024
02S04E28A001S	Other	MSWD	9/13/2024	1393.84	501.26	892.58	2024
02S04E28J001S	Key	MSWD	10/3/2022	1319.59	599.79	719.8	2023
02S04E28J001S	Key	MSWD	11/1/2022	1319.59	597.53	722.06	2023
02S04E28J001S	Key	MSWD	12/21/2022	1319.59	598.04	721.55	2023
02S04E28J001S	Key	MSWD	1/20/2023	1319.59	598.36	721.23	2023
02S04E28J001S	Key	MSWD	2/8/2023	1319.59	598.27	721.32	2023
02S04E28J001S	Key	MSWD	3/7/2023	1319.59	598.41	721.18	2023
02S04E28J001S	Key	MSWD	4/6/2023	1319.59	598.71	720.88	2023
02S04E28J001S	Key	MSWD	5/10/2023	1319.59	598.75	720.84	2023
02S04E28J001S	Key	MSWD	6/23/2023	1319.59	598.96	720.63	2023
02S04E28J001S	Key	MSWD	7/17/2023	1319.59	599.14	720.45	2023
02S04E28J001S	Key	MSWD	8/1/2023	1319.59	599.38	720.21	2023
02S04E28J001S	Key	MSWD	9/11/2023	1319.59	599.51	720.08	2023
02S04E28J001S	Key	MSWD	10/2/2023	1319.59	599.56	720.03	2024
02S04E28J001S	Key	MSWD	11/13/2023	1319.59	599.88	719.71	2024
02S04E28J001S	Key	MSWD	12/14/2023	1319.59	597.4	722.19	2024
02S04E28J001S	Key	MSWD	1/10/2024	1319.59	597.3	722.29	2024
02S04E28J001S	Key	MSWD	2/6/2024	1319.59	597.1	722.49	2024
02S04E28J001S	Key	MSWD	3/4/2024	1319.59	597.2	722.39	2024
02S04E28J001S	Key	MSWD	4/15/2024	1319.59	597.4	722.19	2024
02S04E28J001S	Key	MSWD	5/2/2024	1319.59	597.2	722.39	2024
02S04E28J001S	Key	MSWD	6/11/2024	1319.59	597.2	722.39	2024
02S04E28J001S	Key	MSWD	7/17/2024	1319.59	597.4	722.19	2024
02S04E28J001S	Key	MSWD	8/15/2024	1319.59	597.4	722.19	2024
02S04E28J001S	Key	MSWD	9/4/2024	1319.59	597.5	722.09	2024

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02S04E36D001S	Key	MSWD	10/19/2022	1108.53	390	718.52	2023
02S04E36D001S	Key	MSWD	11/2/2022	1108.53	390	718.52	2023
02S04E36D001S	Key	MSWD	12/22/2022	1108.53	390.7	717.82	2023
02S04E36D001S	Key	MSWD	1/24/2023	1108.53	390.7	717.82	2023
02S04E36D001S	Key	MSWD	2/16/2023	1108.53	391.7	716.82	2023
02S04E36D001S	Key	MSWD	3/24/2023	1108.53	391.7	716.82	2023
02S04E36D001S	Key	MSWD	4/25/2023	1108.53	391.7	716.82	2023
02S04E36D001S	Key	MSWD	6/21/2023	1108.53	390.85	717.68	2023
02S04E36D001S	Key	MSWD	7/26/2023	1108.53	392.2	716.32	2023
02S04E36D001S	Key	MSWD	8/29/2023	1108.53	392.2	716.32	2023
02S04E36D001S	Key	MSWD	9/14/2023	1108.53	393.7	714.82	2023
02S04E36D001S	Key	MSWD	10/2/2023	1108.53	392.1	716.42	2024
02S04E36D001S	Key	MSWD	11/17/2023	1108.53	388.5	720.02	2024
02S04E36D001S	Key	MSWD	12/20/2023	1108.53	395.12	713.4	2024
02S04E36D001S	Key	MSWD	1/17/2024	1108.53	394.61	713.92	2024
02S04E36D001S	Key	MSWD	2/23/2024	1108.53	394.52	714	2024
02S04E36D001S	Key	MSWD	3/25/2024	1108.53	394.89	713.64	2024
02S04E36D001S	Key	MSWD	4/9/2024	1108.53	394.1	714.42	2024
02S04E36D001S	Key	MSWD	5/25/2024	1108.53	395.9	712.62	2024
02S04E36D001S	Key	MSWD	6/14/2024	1108.53	397.01	711.52	2024
02S04E36D001S	Key	MSWD	7/12/2024	1108.53	397.84	710.68	2024
02S04E36D001S	Key	MSWD	8/19/2024	1108.53	397.84	710.68	2024
02S04E36D001S	Key	MSWD	9/16/2024	1108.53	399.78	708.74	2024
02S04E36K001S	Key	MSWD	10/5/2022	1016.5	310.83	705.67	2023
02S04E36K001S	Key	MSWD	11/2/2022	1016.5	311.13	705.37	2023
02S04E36K001S	Key	MSWD	12/20/2022	1016.5	310.51	705.99	2023
02S04E36K001S	Key	MSWD	1/24/2023	1016.5	310.67	705.83	2023
02S04E36K001S	Key	MSWD	2/16/2023	1016.5	310.46	706.04	2023
02S04E36K001S	Key	MSWD	3/24/2023	1016.5	310.56	705.94	2023
02S04E36K001S	Key	MSWD	4/25/2023	1016.5	310.74	705.76	2023
02S04E36K001S	Key	MSWD	5/3/2023	1016.5	310.83	705.67	2023
02S04E36K001S	Key	MSWD	6/26/2023	1016.5	311.46	705.04	2023
02S04E36K001S	Key	MSWD	7/17/2023	1016.5	311.64	704.86	2023
02S04E36K001S	Key	MSWD	8/1/2023	1016.5	312.56	703.94	2023
02S04E36K001S	Key	MSWD	9/11/2023	1016.5	312.26	704.24	2023
02S04E36K001S	Key	MSWD	10/6/2023	1016.5	312.36	704.14	2024
02S04E36K001S	Key	MSWD	11/14/2023	1016.5	312.5	704	2024
02S04E36K001S	Key	MSWD	12/12/2023	1016.5	312.65	703.85	2024
02S04E36K001S	Key	MSWD	1/17/2024	1016.5	312.33	704.17	2024
02S04E36K001S	Key	MSWD	2/14/2024	1016.5	311.87	704.63	2024
02S04E36K001S	Key	MSWD	3/13/2024	1016.5	312.17	704.33	2024
02S04E36K001S	Key	MSWD	4/16/2024	1016.5	311.73	704.77	2024
02S04E36K001S	Key	MSWD	5/15/2024	1016.5	311.69	704.81	2024
02S04E36K001S	Key	MSWD	6/14/2024	1016.5	311.76	704.74	2024
02S04E36K001S	Key	MSWD	7/12/2024	1016.5	312.36	704.14	2024
02S04E36K001S	Key	MSWD	8/19/2024	1016.5	312.75	703.75	2024
02S04E36K001S	Key	MSWD	9/16/2024	1016.5	312.61	703.89	2024
02S04E36P001S	Other	MSWD	10/6/2022	1012	303.09	708.91	2023
02S04E36P001S	Other	MSWD	11/4/2022	1012	305.7	706.3	2023
02S04E36P001S	Other	MSWD	12/20/2022	1012	305.21	706.79	2023
02S04E36P001S	Other	MSWD	1/12/2023	1012	305.26	706.74	2023
02S04E36P001S	Other	MSWD	2/16/2023	1012	305.03	706.97	2023
02S04E36P001S	Other	MSWD	3/24/2023	1012	304.75	707.25	2023
02S04E36P001S	Other	MSWD	4/25/2023	1012	304.89	707.11	2023
02S04E36P001S	Other	MSWD	5/4/2023	1012	305.44	706.56	2023
02S04E36P001S	Other	MSWD	6/26/2023	1012	306.02	705.98	2023

Table A-1

Groundwater Elevation Data WY 2022-2023 and WY 2023-2024

Mission Creek Subbasin Annual Report

Water Year 2023-2024

Coachella Valley, California

State Well Number	Monitoring Well Type	Monitoring Agency	Groundwater Level Measurement Date	Measuring Point Elevation (feet NAVD88)[1,2]	Depth to Groundwater (feet bmp)	Groundwater Elevation (feet NAVD88)	Water Year[3]
02S04E36P001S	Other	MSWD	7/17/2023	1012	306.14	705.86	2023
02S04E36P001S	Other	MSWD	8/1/2023	1012	306.39	705.61	2023
02S04E36P001S	Other	MSWD	9/11/2023	1012	306.57	705.43	2023
02S04E36P001S	Other	MSWD	10/6/2023	1012	306.5	705.5	2024
02S04E36P001S	Other	MSWD	11/14/2023	1012	307.01	704.99	2024
02S04E36P001S	Other	MSWD	12/12/2023	1012	306.76	705.24	2024
02S04E36P001S	Other	MSWD	1/17/2024	1012	306.46	705.54	2024
02S04E36P001S	Other	MSWD	2/14/2024	1012	306.32	705.68	2024
02S04E36P001S	Other	MSWD	3/13/2024	1012	306.25	705.75	2024
02S04E36P001S	Other	MSWD	4/16/2024	1012	306.37	705.63	2024
02S04E36P001S	Other	MSWD	5/15/2024	1012	306	706	2024
02S04E36P001S	Other	MSWD	6/14/2024	1012	306.09	705.91	2024
02S04E36P001S	Other	MSWD	7/12/2024	1012	306.67	705.33	2024
02S04E36P001S	Other	MSWD	8/19/2024	1012	306.92	705.08	2024
02S04E36P001S	Other	MSWD	9/16/2024	1012	306.97	705.03	2024
03S04E04P001S	Key	DWA	10/10/2022	1075	350.58	724.42	2023
03S04E04P001S	Key	DWA	11/21/2022	1075	351.33	723.67	2023
03S04E04P001S	Key	DWA	12/21/2022	1075	351.25	723.75	2023
03S04E04P001S	Key	DWA	2/23/2023	1075	351	724	2023
03S04E04P001S	Key	DWA	4/3/2023	1075	350.75	724.25	2023
03S04E04P001S	Key	DWA	5/25/2023	1075	351.66	723.34	2023
03S04E04P001S	Key	DWA	6/14/2023	1075	351	724	2023
03S04E04P001S	Key	DWA	7/17/2023	1075	352.08	722.92	2023
03S04E04P001S	Key	DWA	8/23/2023	1075	352.66	722.34	2023
03S04E04P001S	Key	DWA	9/15/2023	1075	353	722	2023
03S04E04P001S	Key	DWA	10/30/2023	1075	352.91	722.09	2024
03S04E04P001S	Key	DWA	11/30/2023	1075	352.91	722.09	2024
03S04E04P001S	Key	DWA	12/13/2023	1075	353.33	721.67	2024
03S04E04P001S	Key	DWA	1/30/2024	1075	353.5	721.5	2024
03S04E04P001S	Key	DWA	2/15/2024	1075	353	722	2024
03S04E04P001S	Key	DWA	3/19/2024	1075	355.2	719.8	2024
03S04E04P001S	Key	DWA	4/23/2024	1075	354.91	720.09	2024
03S04E11A002S	Other	MSWD	10/18/2022	905	195.41	709.59	2023
03S04E11A002S	Other	MSWD	11/15/2022	905	195.38	709.62	2023
03S04E11A002S	Other	MSWD	12/20/2022	905	195.13	709.87	2023
03S04E11A002S	Other	MSWD	1/12/2023	905	195.06	709.94	2023
03S04E11A002S	Other	MSWD	2/16/2023	905	194.78	710.22	2023
03S04E11A002S	Other	MSWD	3/24/2023	905	194.53	710.47	2023
03S04E11A002S	Other	MSWD	4/25/2023	905	194.58	710.42	2023
03S04E11A002S	Other	MSWD	5/3/2023	905	194.95	710.05	2023
03S04E11A002S	Other	MSWD	6/26/2023	905	195.62	709.38	2023
03S04E11A002S	Other	MSWD	7/26/2023	905	195.75	709.25	2023
03S04E11A002S	Other	MSWD	8/28/2023	905	195.85	709.15	2023
03S04E11A002S	Other	MSWD	9/12/2023	905	196.49	708.51	2023
03S04E11A002S	Other	MSWD	10/10/2023	905	196.05	708.95	2024
03S04E11A002S	Other	MSWD	11/15/2023	905	196.05	708.95	2024
03S04E11A002S	Other	MSWD	12/15/2023	905	195.85	709.15	2024
03S04E11A002S	Other	MSWD	1/11/2024	905	195.41	709.59	2024
03S04E11A002S	Other	MSWD	2/15/2024	905	195.22	709.78	2024
03S04E11A002S	Other	MSWD	3/7/2024	905	195.45	709.55	2024
03S04E11A002S	Other	MSWD	4/10/2024	905	195.43	709.57	2024
03S04E11A002S	Other	MSWD	5/9/2024	905	195.48	709.52	2024
03S04E11A002S	Other	MSWD	6/12/2024	905	195.59	709.41	2024
03S04E11A002S	Other	MSWD	7/12/2024	905	196.65	708.35	2024
03S04E11A002S	Other	MSWD	8/19/2024	905	196.82	708.18	2024
03S04E11A002S	Other	MSWD	9/11/2024	905	196.93	708.07	2024

Table A-1

Groundwater Elevation Data WY 2022-2023 and WY 2023-2024

Mission Creek Subbasin Annual Report

Water Year 2023-2024

Coachella Valley, California

State Well Number	Monitoring Well Type	Monitoring Agency	Groundwater Level Measurement Date	Measuring Point Elevation (feet NAVD88)[1,2]	Depth to Groundwater (feet bmp)	Groundwater Elevation (feet NAVD88)	Water Year[3]
03S04E11L004S	Key	MSWD	10/18/2022	879.48	163.99	715.49	2023
03S04E11L004S	Key	MSWD	11/15/2022	879.48	164.1	715.38	2023
03S04E11L004S	Key	MSWD	12/21/2022	879.48	163.39	716.09	2023
03S04E11L004S	Key	MSWD	1/23/2023	879.48	163.69	715.79	2023
03S04E11L004S	Key	MSWD	2/16/2023	879.48	163.41	716.07	2023
03S04E11L004S	Key	MSWD	3/24/2023	879.48	162.76	716.72	2023
03S04E11L004S	Key	MSWD	4/25/2023	879.48	162.76	716.72	2023
03S04E11L004S	Key	MSWD	5/3/2023	879.48	163.66	715.82	2023
03S04E11L004S	Key	MSWD	6/26/2023	879.48	164.03	715.45	2023
03S04E11L004S	Key	MSWD	7/26/2023	879.48	164.5	714.98	2023
03S04E11L004S	Key	MSWD	8/29/2023	879.48	164.29	715.19	2023
03S04E11L004S	Key	MSWD	9/13/2023	879.48	164.43	715.05	2023
03S04E11L004S	Key	MSWD	10/10/2023	879.48	164.73	714.75	2024
03S04E11L004S	Key	MSWD	11/15/2023	879.48	164.08	715.4	2024
03S04E11L004S	Key	MSWD	12/15/2023	879.48	164.17	715.31	2024
03S04E11L004S	Key	MSWD	1/11/2024	879.48	163.34	716.14	2024
03S04E11L004S	Key	MSWD	2/15/2024	879.48	163.62	715.86	2024
03S04E11L004S	Key	MSWD	3/7/2024	879.48	163.9	715.58	2024
03S04E11L004S	Key	MSWD	4/9/2024	879.48	163.73	715.75	2024
03S04E11L004S	Key	MSWD	7/12/2024	879.48	162.3	717.18	2024
03S04E11L004S	Key	MSWD	8/19/2024	879.48	155.44	724.04	2024
03S04E11L004S	Key	MSWD	9/11/2024	879.48	154.91	724.57	2024
03S04E12B002S	Other	CVWD	2/1/2023	884.57	180.3	704.27	2023
03S04E12B002S	Other	CVWD	6/8/2023	884.57	178.4	706.17	2023
03S04E12B002S	Other	CVWD	10/9/2023	884.57	181.1	703.47	2024
03S04E12B002S	Other	CVWD	2/2/2024	884.57	181.2	703.37	2024
03S04E12B002S	Other	CVWD	6/5/2024	884.57	180.7	703.87	2024
03S04E12C001S	Key	CVWD	11/10/2022	890.79	186	704.79	2023
03S04E12C001S	Key	CVWD	3/8/2023	890.79	185.6	705.19	2023
03S04E12C001S	Key	CVWD	7/13/2023	890.79	186.6	704.19	2023
03S04E12C001S	Key	CVWD	11/15/2023	890.79	187.4	703.39	2024
03S04E12C001S	Key	CVWD	3/13/2024	890.79	186.5	704.29	2024
03S04E12C001S	Key	CVWD	7/8/2024	890.79	187.3	703.49	2024
03S04E12F001S	Other	CVWD	2/1/2023	859.67	155.9	703.77	2023
03S04E12F001S	Other	CVWD	6/8/2023	859.67	153.5	706.17	2023
03S04E12F001S	Other	CVWD	10/9/2023	859.67	155.4	704.27	2024
03S04E12F001S	Other	CVWD	2/13/2024	859.67	156.7	702.97	2024
03S04E12F001S	Other	CVWD	6/6/2024	859.67	161.3	698.37	2024
03S04E12H003S	Other	CVWD	2/1/2023	847.66	145.1	702.56	2023
03S04E12H003S	Other	CVWD	6/8/2023	847.66	145	702.66	2023
03S04E12H003S	Other	CVWD	10/9/2023	847.66	146.4	701.26	2024
03S04E12H003S	Other	CVWD	2/2/2024	847.66	147.1	700.56	2024
03S04E12H003S	Other	CVWD	6/5/2024	847.66	145.3	702.36	2024
03S05E15R001S	Key	CVWD	11/30/2022	925.67	220.6	705.07	2023
03S05E15R001S	Key	CVWD	3/8/2023	925.67	220.5	705.17	2023
03S05E15R001S	Key	CVWD	7/20/2023	925.67	220.7	704.97	2023
03S05E15R001S	Key	CVWD	11/16/2023	925.67	221.4	704.27	2024
03S05E15R001S	Key	CVWD	3/21/2024	925.67	221	704.67	2024
03S05E15R001S	Key	CVWD	7/17/2024	925.67	220.6	705.07	2024
03S05E17J001S	Key	CVWD	11/10/2022	790.2	87.3	702.9	2023
03S05E17J001S	Key	CVWD	3/8/2023	790.2	87	703.2	2023
03S05E17J001S	Key	CVWD	7/13/2023	790.2	88.9	701.3	2023
03S05E17J001S	Key	CVWD	11/15/2023	790.2	88.7	701.5	2024
03S05E17J001S	Key	CVWD	3/13/2024	790.2	87.9	702.3	2024
03S05E17J001S	Key	CVWD	7/8/2024	790.2	87.2	703	2024
03S05E19B001S	Other	CVWD	2/1/2023	709.02	4.5	704.52	2023

Table A-1

Groundwater Elevation Data WY 2022-2023 and WY 2023-2024

Mission Creek Subbasin Annual Report

Water Year 2023-2024

Coachella Valley, California

State Well Number	Monitoring Well Type	Monitoring Agency	Groundwater Level Measurement Date	Measuring Point Elevation (feet NAVD88)[1,2]	Depth to Groundwater (feet bmp)	Groundwater Elevation (feet NAVD88)	Water Year[3]
03S05E19B001S	Other	CVWD	6/8/2023	709.02	4.9	704.12	2023
03S05E19B001S	Other	CVWD	10/9/2023	709.02	5.1	703.92	2024
03S05E19B001S	Other	CVWD	10/30/2023	709.02	5.2	703.82	2024
03S05E19B001S	Other	CVWD	2/2/2024	709.02	4.6	704.42	2024
03S05E19B001S	Other	CVWD	6/5/2024	709.02	4.9	704.12	2024

Notes

1. Measuring point for CVWD wells converted to ground surface by CVWD.
2. Wells 03S04E12C001S, 03S04E15R001S, and 03S05E17J001S were resurveyed in 2023. The measuring point elevations for these wells for WY 2023 and 2024 have been updated to the new survey.
3. Water Year from October 1 through September 30, identified by the ending year of the period.

Abbreviations

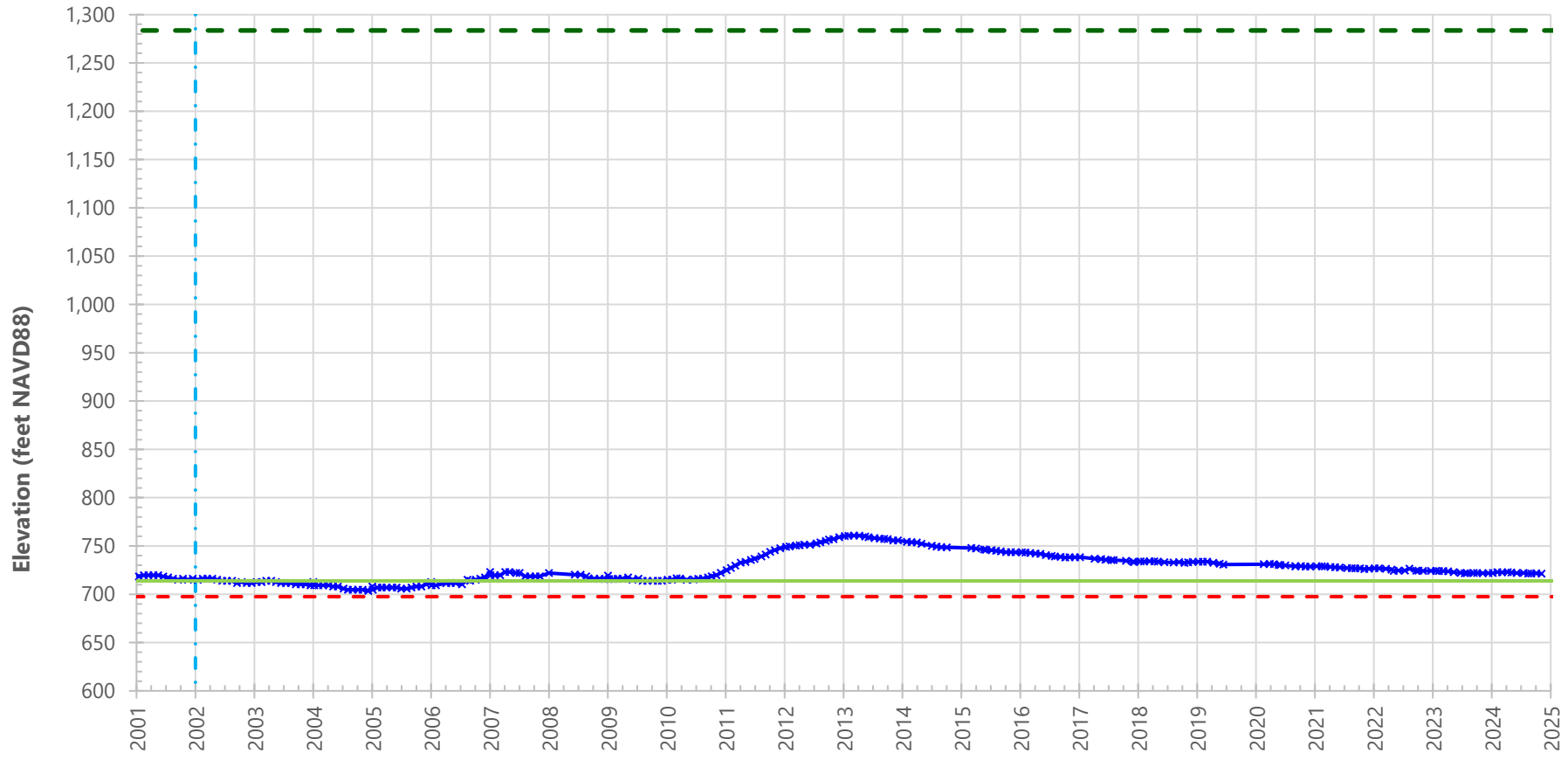
bmp = feet below measuring point
CVWD = Coachella Valley Water District
DWA = Desert Water Agency
MSWD = Mission Springs Water District
NAVD88 = North American Vertical Datum of 1988

APPENDIX

B

REPRESENTATIVE GROUNDWATER ELEVATION HYDROGRAPHS

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Explanation:

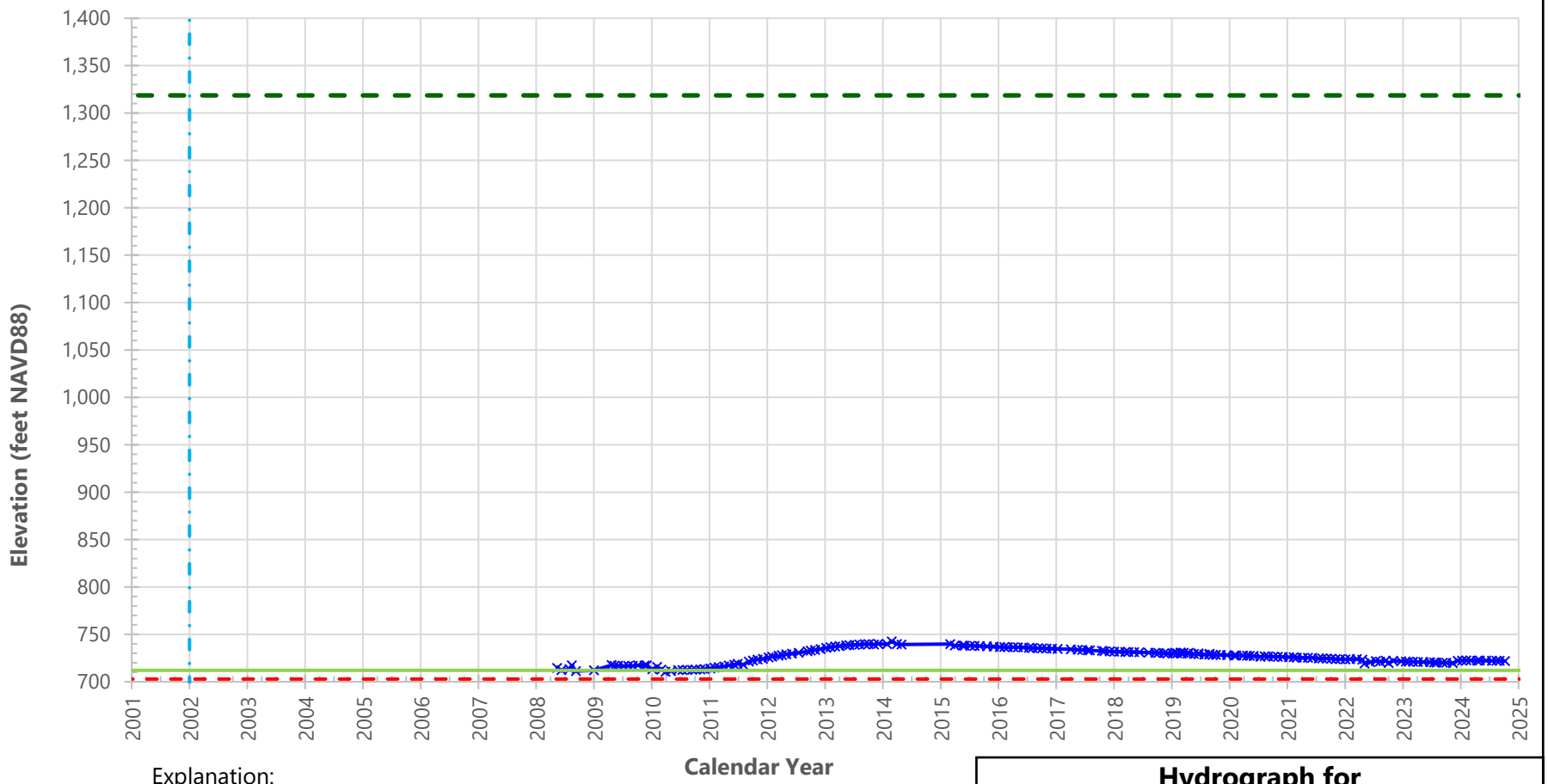
- Ground Surface
- Commencement of Groundwater Recharge at GRF
- Groundwater
- Measurable Objective
- Minimum Threshold

Notes:
GRF = Mission Creek Groundwater Replenishment Facility
NAVD88 = North American Datum of 1988

Hydrograph for
Well 02S04E23N002S
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 02/04/2025	Project No. US0039461.9928
wsp		Figure **B-1**

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Explanation:

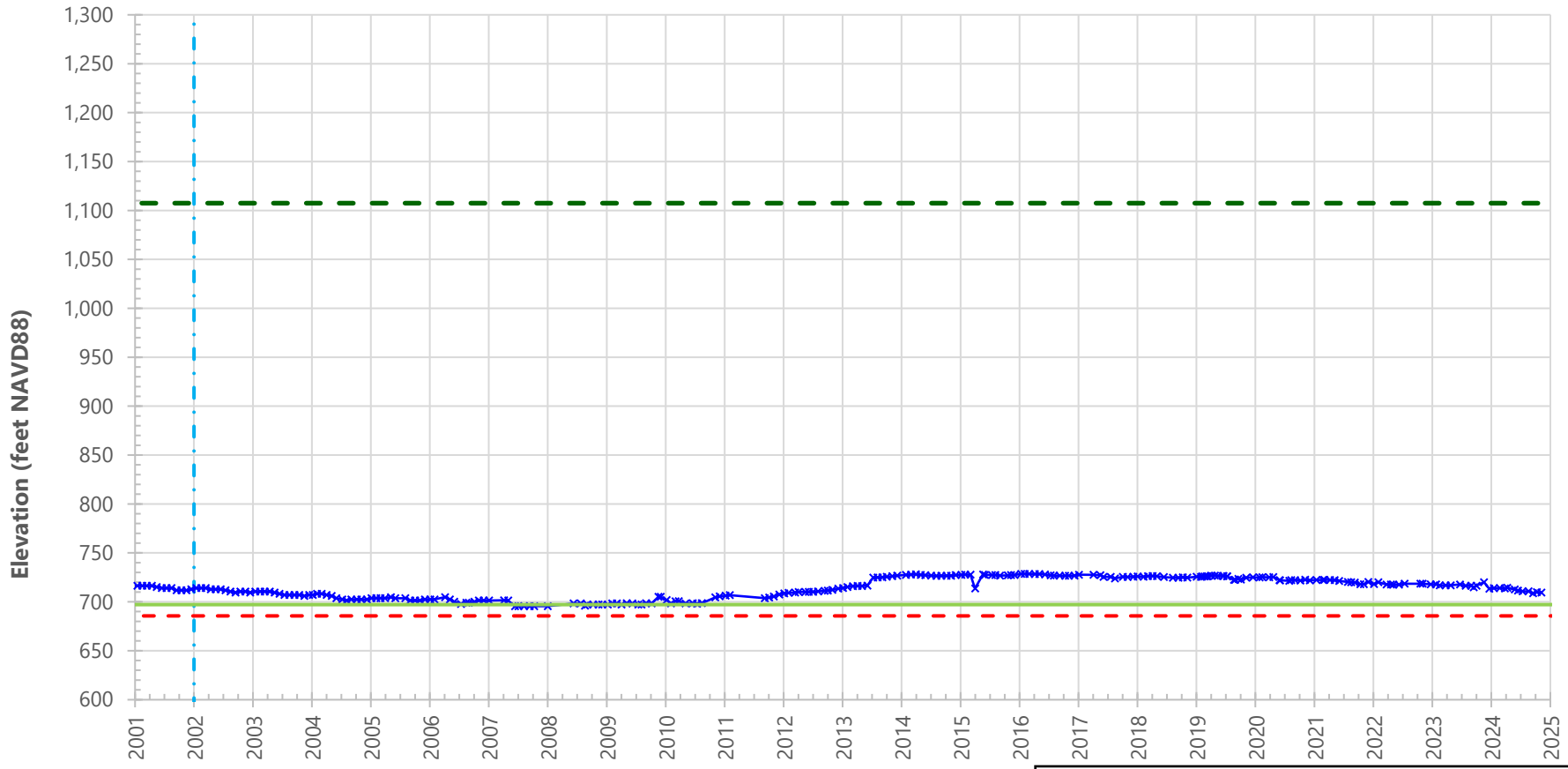
- Ground Surface
- Commencement of Groundwater Recharge at GRF
- Groundwater
- Measurable Objective
- Minimum Threshold

Notes:
GRF = Mission Creek Groundwater Replenishment Facility
NAVD88 = North American Datum of 1988

Hydrograph for
Well 02S04E28J001S
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 02/04/2025	Project No. US0039461.9928
WSP		Figure **B-2**

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Explanation:

- Ground Surface
- Commencement of Groundwater Recharge at GRF
- Groundwater
- Measurable Objective
- Minimum Threshold

Notes:
GRF = Mission Creek Groundwater Replenishment Facility
NAVD88 = North American Datum of 1988

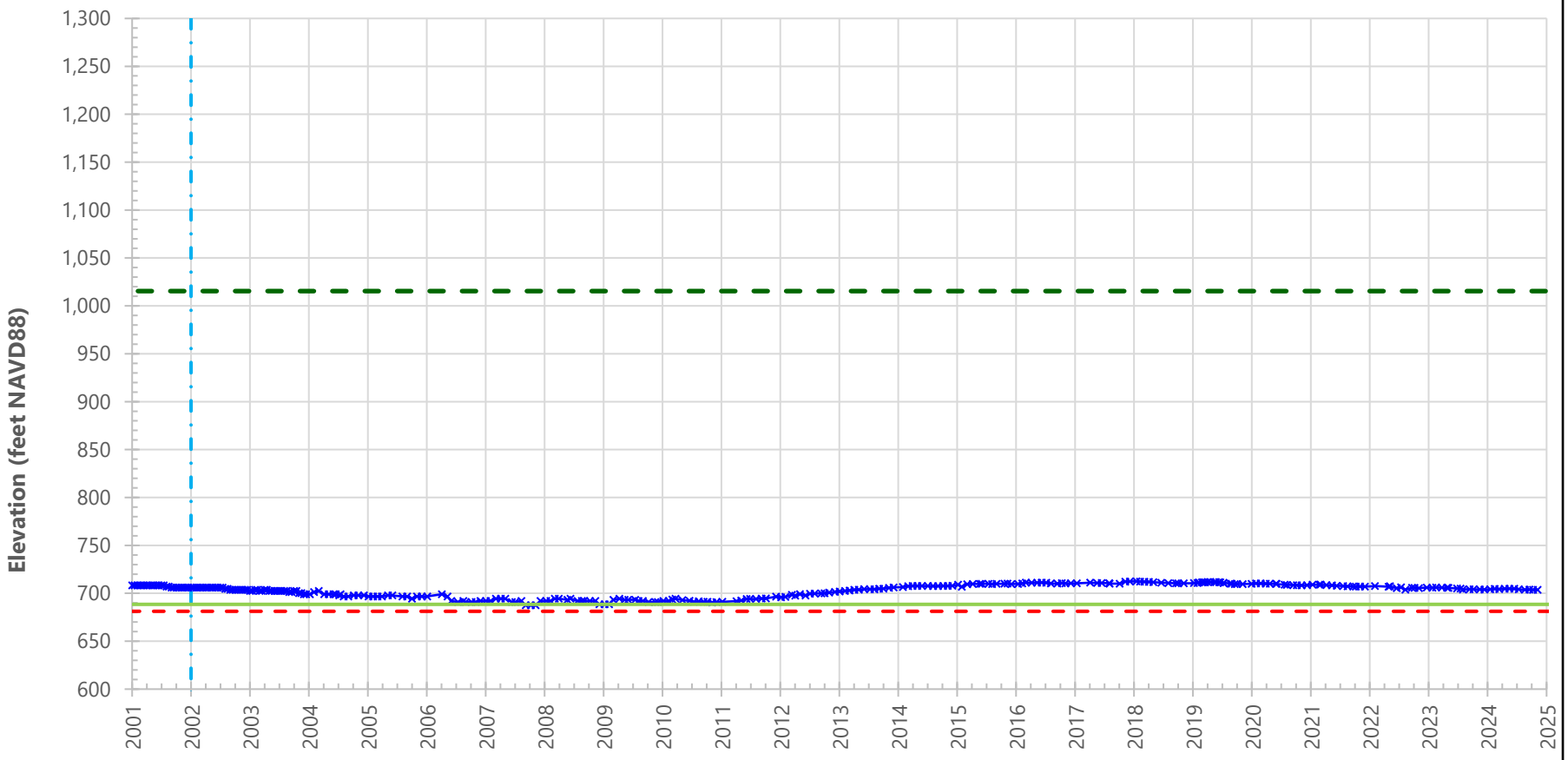
Hydrograph for Well 02S04E36D001S

Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 02/04/2025	Project No. US0039461.9928

Figure **B-3**

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Explanation:

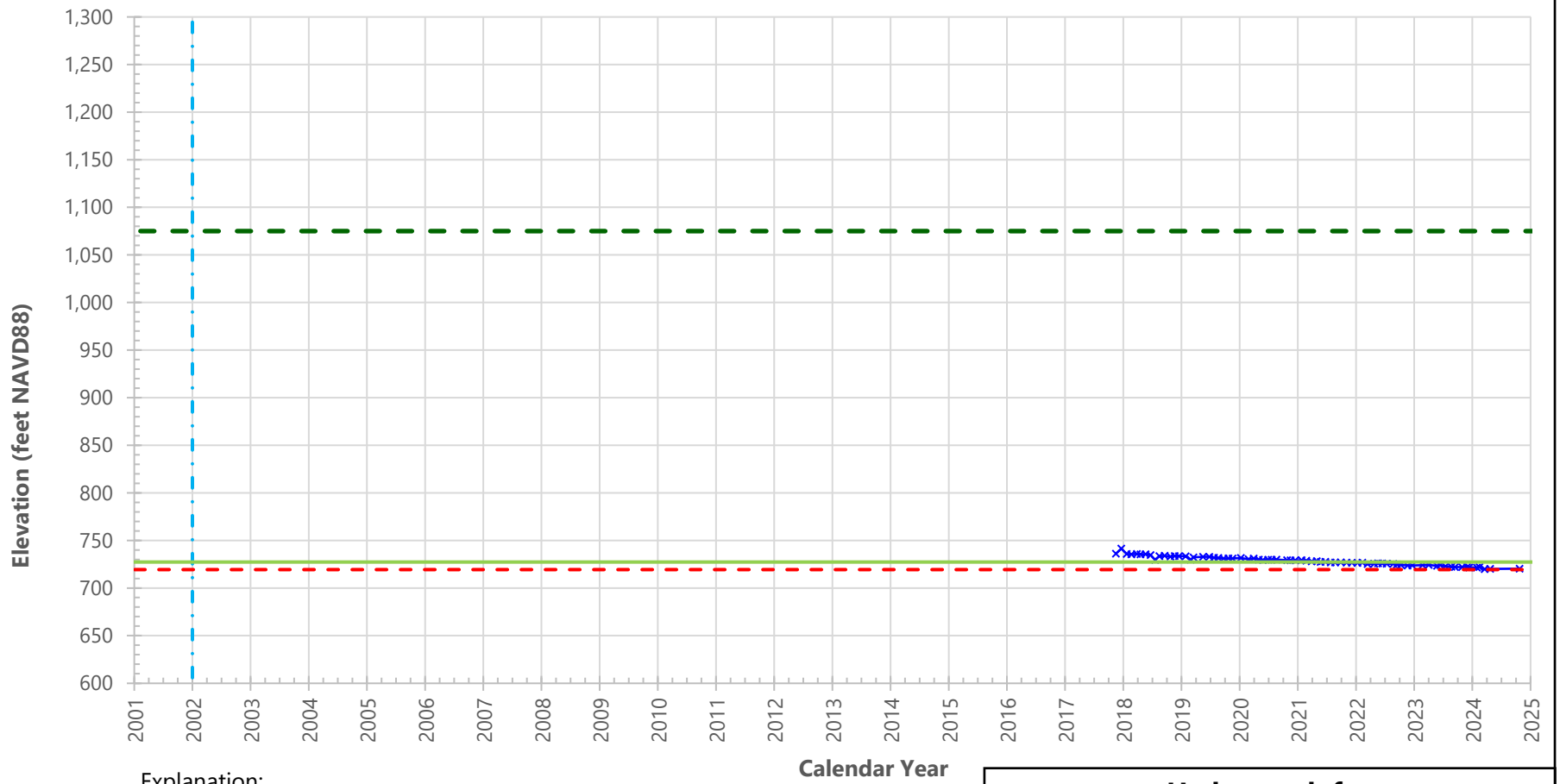
- Ground Surface
- Commencement of Groundwater Recharge at GRF
- Groundwater
- Measurable Objective
- Minimum Threshold

Notes:
GRF = Mission Creek Groundwater Replenishment Facility
NAVD88 = North American Datum of 1988

Hydrograph for
Well 02S04E36K001S
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 02/04/2025	Project No. US0039461.9928
wsp		Figure **B-4**

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Explanation:

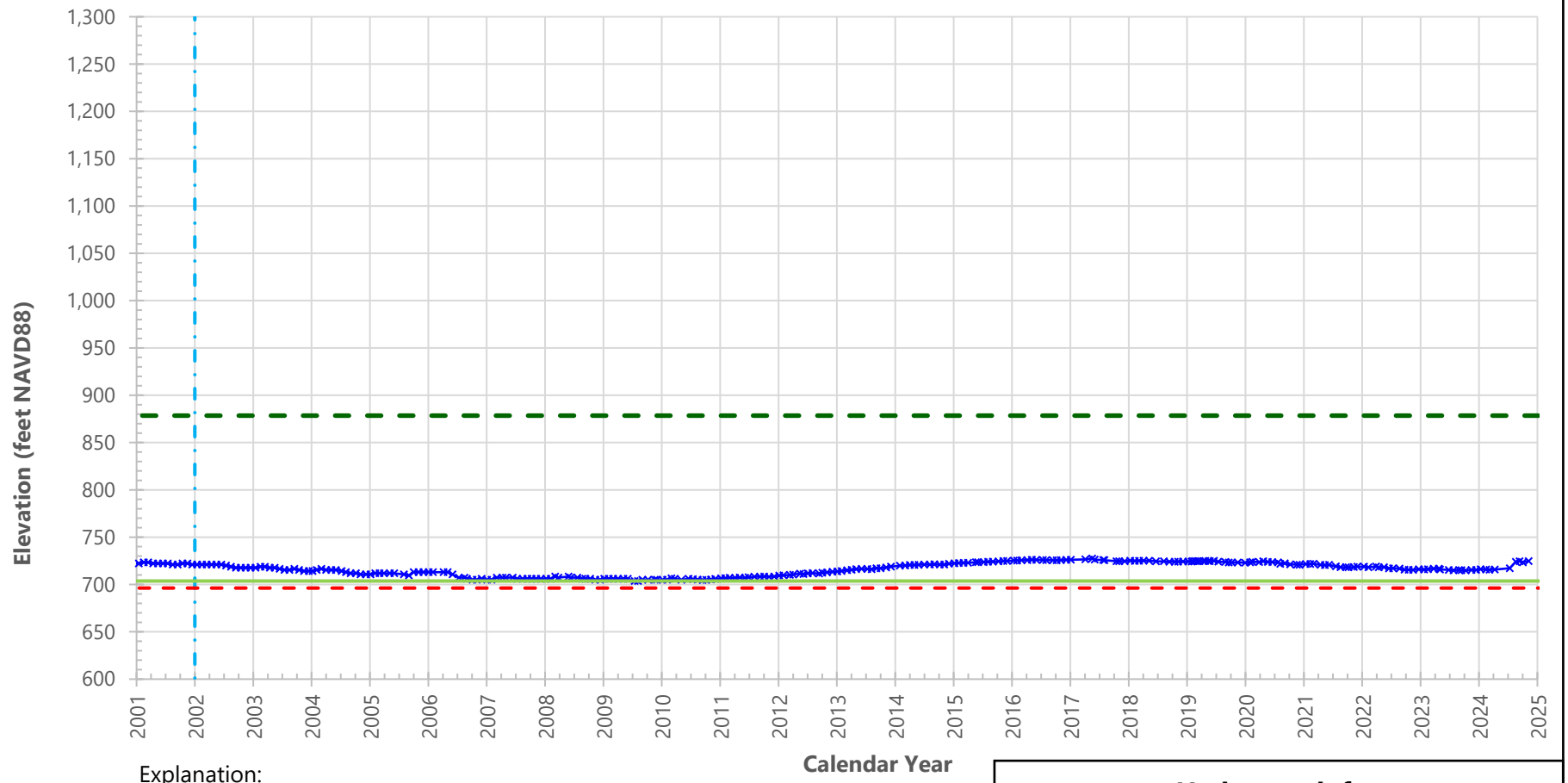
- Ground Surface
- Commencement of Groundwater Recharge at GRF
- Groundwater
- Measurable Objective
- Minimum Threshold

Notes:
GRF = Mission Creek Groundwater Replenishment Facility
NAVD88 = North American Datum of 1988

Hydrograph for
Well 03S04E04P001S
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 02/04/2025	Project No. US0039461.9928
wsp		Figure **B-5**

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Explanation:

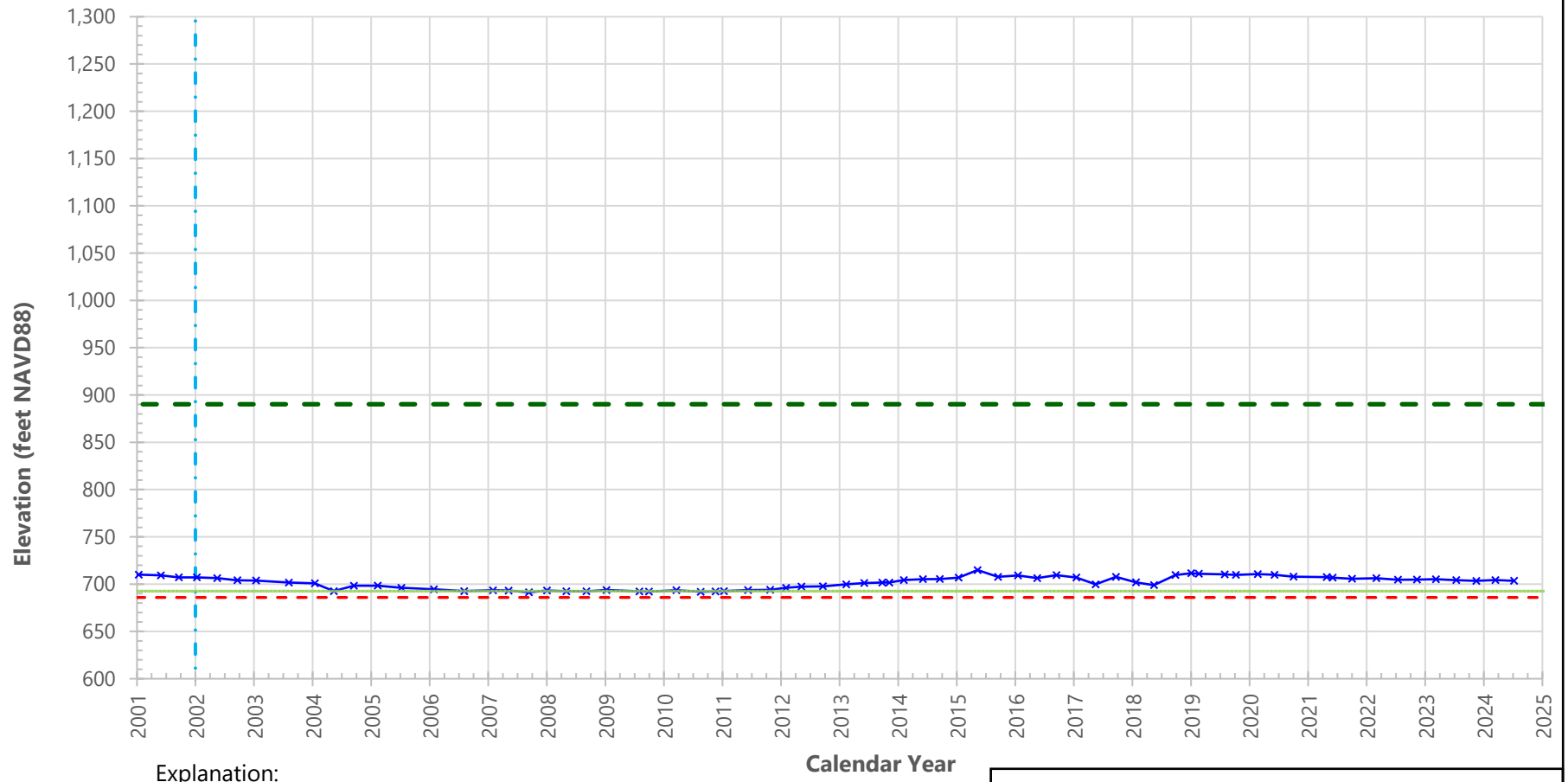
- Ground Surface
- Commencement of Groundwater Recharge at GRF
- Groundwater
- Measurable Objective
- Minimum Threshold

Notes:
GRF = Mission Creek Groundwater Replenishment Facility
NAVD88 = North American Datum of 1988

Hydrograph for
Well 03S04E11L004S
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 02/04/2025	Project No. US0039461.9928
wsp		Figure **B-6**

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Explanation:

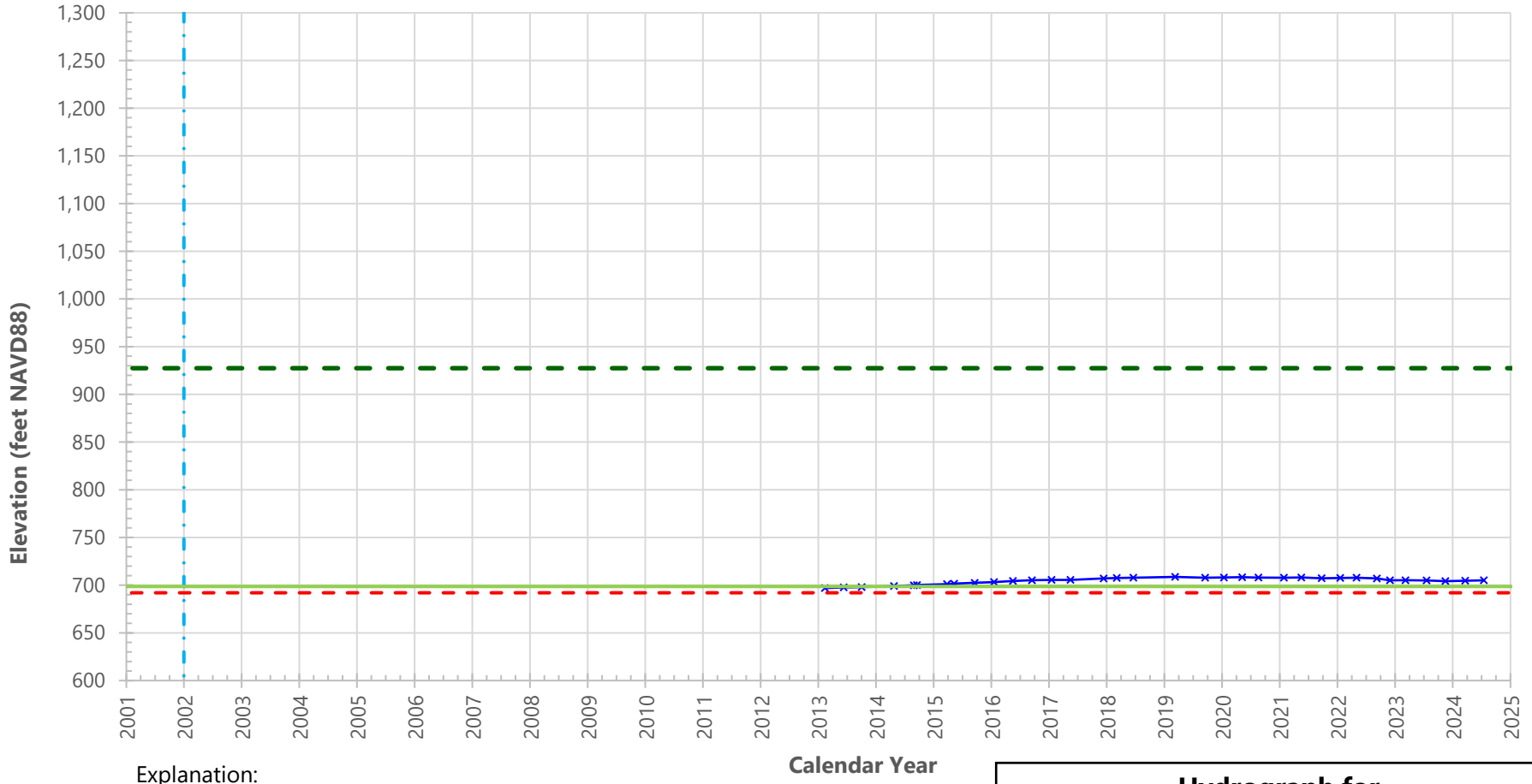
- Ground Surface
- Commencement of Groundwater Recharge at GRF
- Groundwater
- Measurable Objective
- Minimum Threshold

Notes:
GRF = Mission Creek Groundwater Replenishment Facility
NAVD88 = North American Datum of 1988

Hydrograph for
Well 03S04E12C001S
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 02/04/2025	Project No. US0039461.9928
wsp		Figure **B-7**

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Explanation:

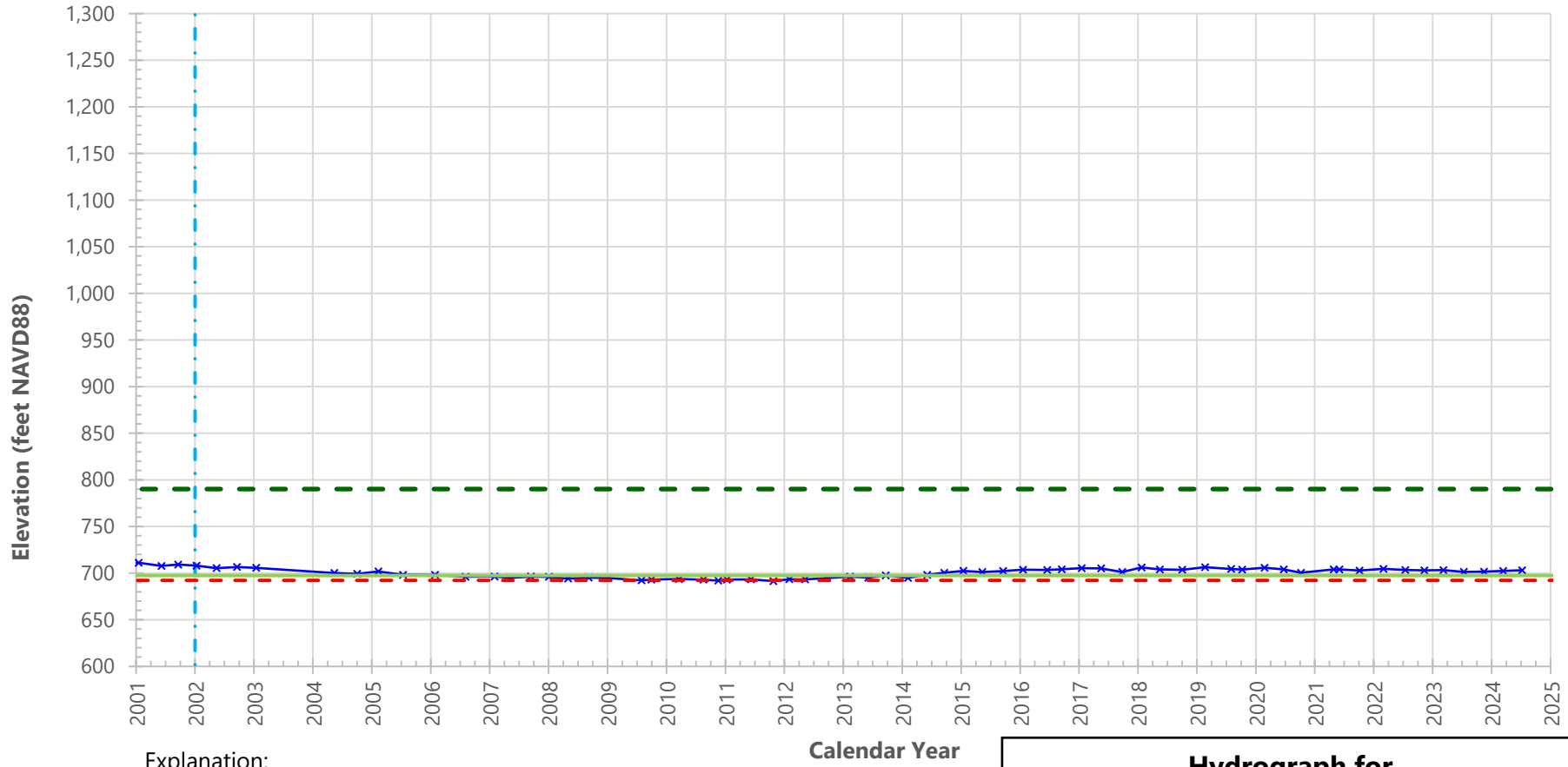
- Ground Surface
- Commencement of Groundwater Recharge at GRF
- Groundwater
- Measurable Objective
- Minimum Threshold

Notes:
GRF = Mission Creek Groundwater Replenishment Facility
NAVD88 = North American Datum of 1988

Hydrograph for
Well 03S05E15R001S
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 02/04/2025	Project No. US0039461.9928
wsp		Figure **B-8**

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Explanation:

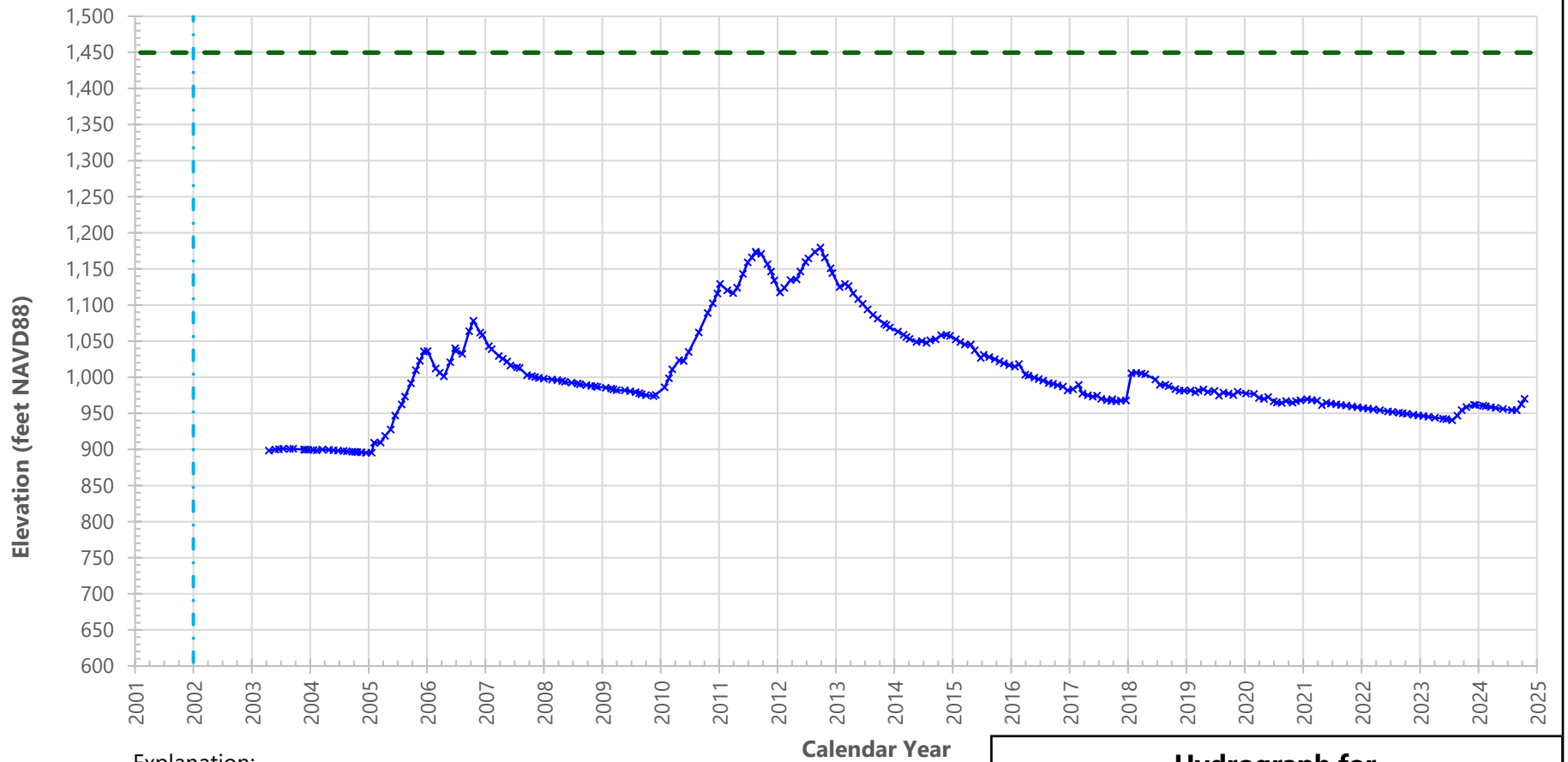
- Ground Surface
- Commencement of Groundwater Recharge at GRF
- Groundwater
- Minimum Threshold
- Measurable Objective

Notes:
GRF = Mission Creek Groundwater Replenishment Facility
NAVD88 = North American Datum of 1988

Hydrograph for
Well 03S05E17J001S
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 02/04/2025	Project No. US0039461.9928
wsp		Figure **B-9**

P:\US0039461.9928\03 DocCtrl\Appendices\AppxB_hydrographs 2024



Explanation:

- Ground Surface
- Commencement of Groundwater Recharge at GRF
- Groundwater

Notes:
GRF = Mission Creek Groundwater Replenishment Facility
NAVD88 = North American Datum of 1988

Hydrograph for
Well 02S04E21H001S
Mission Creek Subbasin Annual Report
Water Year 2023-2024
Coachella Valley, California

By: grr	Date: 02/04/2025	Project No. US0039461.9928
wsp		Figure **B-10**

WSP USA Inc.
3560 Hyland Avenue, Suite 100
Costa Mesa, California 92626
(949) 642-0245

wsp.com



AGENDA STAFF REPORT

MEETING NAME: **REGULAR BOARD MEETINGS**

MEETING DATE(S): **MARCH 13 & 17, 2025**

FROM: **ERIC WECK, P.E., ENGINEERING MANAGER**

FOR: ACTION _X___ DIRECTION ____ INFORMATION ____

AWARD OF TASK ORDER TO TKE ENGINEERING TO PROVIDE PROFESSIONAL SURVEYING SERVICE FOR THE WELL BENCHMARK SURVEY

STAFF RECOMMENDATION

Authorize the General Manager to negotiate and execute a contract task order with TKE Engineering in the amount of $12,940.00 to perform a well benchmark survey with a 10% contingency in the amount of $1,294 for a not to exceed contract total amount of $14,234.00.

SUMMARY

A well benchmark survey is necessary to survey the elevation of the well heads which will establish accurate groundwater elevations that will aid in ongoing the groundwater monitoring and analysis. Performing this work will make sure that the well coordinates and elevations are aligned with the current North American Vertical Datum (NAVD 88) system.

ANALYSIS On December 2, 2024 Mission Springs Water District (MSWD) solicited proposals from the District's three 'on call' general engineering consultants to provide a scope of work and proposal to provide a benchmark well survey for eight of the District's wells. After staff reviewed the proposals, TKE Engineering was selected as the most qualified due to their relevant experience. Once the project is complete, the survey information will be used and incorporated in the Mission Creek Sub-Basin Alternative Plan. This plan identifies the need for the District to complete the benchmark survey for eight District water production wells that are used to monitor groundwater elevations and management efforts. Work is scheduled to be completed within 45 calendar days of the Notice to Proceed work.

FINANCIAL DATA		
Cost Associated with this action:	$14,234.00	
Current FY cost:	$14,234.00	
Future FY cost:	$0	
Is it covered in current year budget:	YES ☒	NO ☐
Budget adjustment needed:	YES ☐	NO ☒
If yes, year needed:	FY24/25	
All previous contracts including dates, amounts and board approvals are attached or have been made available.		

FUNDING SOURCES	
Source of funds:	Water Fund - 201
BID/Job#	11880
Current BID/Job balance	$21,000.00
Balance remaining if approved:	$6,766.00

FISCAL IMPACT & STRATEGIC PLAN IMPLEMENTATION

During the mid-year budget adjustment in January 2025, the Well Benchmark survey project was added to the District's budget to be completed by the end of this current fiscal year (June 30, 2025). This action is consistent with Strategic Plan Goal 2.1, Ensure excellence in regulatory compliance by delivering services in accordance with standards set by regulatory agencies.

ATTACHMENTS

Contract Amendment #2 – TKE Engineering
Proposal Analysis
Task Order with TKE Engineering
Proposals from: MSA Consulting and Provost and Pritchard
Request for Letter Proposal-Benchmark Survey
TKE Payment Tracking Sheet

AMENDMENT TO
Contract for Professional Services
Mission Springs Water District
66575 Second Street
Desert Hot Springs, CA 92240
Telephone 760-329-6448 – FAX 760-329-2482

TO: TKE Engineering, Inc.
2305 Chicago Avenue
Riverside, CA 92507

DATE: _____

PROJECT DIR#: 20240543904

BENCHMARK SURVEYS - SECOND AMENDMENT TO CONTRACT AGREEMENT FOR ON-CALL PROFESSIONAL GENERAL ENGINEERING SERVICES

1. This amendment ("Amendment") is hereby made by Mission Springs Water District and **TKE Engineering, Inc.** parties to an agreement for **On-Call Professional General Engineering Services** ("Agreement"), dated **July 1, 2024.**

2. In exchange for the promises herein and other good and valuable consideration, the sufficiency of which both parties acknowledged, it is mutually agreed by and between the undersigned contracting parties that the Agreement is amended as follows:

   This Second Amendment will:
   - **Increase the Contract Agreement amount by $12,940.00, including a 10% contingency of $1,294.00. The total increase of $14,234.00 increases the Contract Agreement from a not-to-exceed amount of $170,000.00 to a not-to-exceed amount of $184,234.00, as detailed in Attachment 1.**

3. Except as set forth in this Amendment, the Agreement is unchanged and shall continue in full force and effect in accordance with its terms. If there is conflict between this Amendment and the Agreement the terms of this amendment will prevail.

Instructions: Sign and return via email. Upon acceptance by Mission Springs Water District, an executed copy will be returned to you for your records. Insert the names of your authorized representative(s) below.

Accepted:

Mission Springs Water District

By: _____
Brian E. Macy, PE

Title General Manager

Other authorized representative(s):

Eric Weck
Engineering Manager

Amanda Lucas
Contracts Analyst

Consultant:

TKE Engineering, Inc.
(Business Name)

By: _____
Steve Ledbetter

Title Vice President

Other authorized representative(s):

Michael Thornton
President

TKE ENGINEERING, INC.

December 19, 2024

Ms. Amanda Lucas, Contracts Analyst
Mission Springs Water District
66575 Second Street
Desert Hot Springs, CA 92240

Subject: Proposal to Provide Professional Surveying Services for the Well Benchmarks

Dear Ms. Lucas,

TKE is in receipt of the District's subject proposal request. TKE understands that the groundwater resources in the Mission Creek and San Gorgonio Pass Subbasins require on-going management. We understand that as part of those management efforts, a ground surface elevation must be established for each well site, tied to the NAVD 88 datum, for consistency in groundwater elevation monitoring and reporting across all wells (i.e., Well Nos. 30, 35, 22, 29, 31, 33, 25 and 26). TKE proposed the complete the full scope of work requested by the District, including pre-survey preparations, fieldwork, data processing, and reporting, as outlined in the following table:

	SERVICES	FEE
1.	**PRE-SURVEY DATA COLLECTION** TKE will request and collect all relevant data to complete a datum survey for the project; including but not limited to: reviewing well locations, site maps, and County NAVD 88 benchmark detail. TKE will remain in close coordination with MSWD to schedule field surveys and obtain site access for each well. TKE's survey equipment is routinely calibrated to ensure accurate results. TKE has budgeted for a quantity of 12 hours for a Senior Surveyor and Associate Engineer for this task.	$ 1,740.00
2.	**FIELD SURVEY** During the field survey phase, TKE will establish a temporary benchmark (TBM) at each well site. For the TBM, TKE proposed to install a 2" magnetic nail and washer stamped with the professional land surveyors license number in the concrete well pedestal or housekeeping pad. TKE will	$ 8,320.00

	complete a survey and leveling run from a County NAVD 88 benchmark to the TBM at each well. TKE has budgeted for a quantity of 32 hours for a 2-man crew for the field survey work.	
3.	**REPORT** TKE will prepare a well benchmark survey report, summarizing the work completed, including but not limited to: an executive summary summarizing the findings, an introduction describing the scope of work, a listing of the County benchmarks utilized, and our findings for each well site with a description of the site, where the TBM was set, photo of the TBM, identification of the County benchmark the TBM is tied to, and the TBM elevation. TKE will also include a summary table for easy of reference in the future. TKE will include an appendix with all calculation tables, figures, and photo documentation of all county benchmarks and site temporary benchmarks, as requested by the District. TKE has budgeted for a quantity of 20 hours for a Senior Surveyor and Associate Engineer for this task.	$ 2,880.00
	Total:	**$ 12,940.00**

The above listed costs are on a time and materials not to exceed basis. TKE will not invoice over these amounts without prior authorization from the District. TKE's scope was developed based on our understanding of the project provided by the District. TKE will invoice monthly in accordance with our FY2024-2025 On-Call Rate Schedule, attached herein.

Thank you for the opportunity to submit our proposal to provide professional surveying services. If you have any questions, please contact me at (951) 680-0440.

Sincerely,

Steven Ledbetter, P.E., Q.S.D.
Vice President
TKE Engineering, Inc.

Attachments: Rate Schedule

TKE ENGINEERING, INC.

RATE SCHEDULE 2024-2025

	HOURLY RATE
Principal in Charge	$155.00
Project Manager/Construction Manager/Licensed Surveyor	$150.00
Senior Engineer/Project Engineer (PE)/Senior Plan Checker	$145.00
Associate Engineer	$135.00
Assistant Engineer/Plan Checker/Designer	$130.00
AutoCAD Technician	$120.00
Engineering Technician	$100.00
Clerical	$ 85.00
Forensic Engineering	$195.00
Expert Witness Testimony	$330.00

SURVEYING SERVICES

2-Man Survey Crew (Prevailing Wage)	$260.00

CONSTRUCTION SERVICES

Senior Construction Inspector (Prevailing Wage)	$135.00
Construction Inspector (Prevailing Wage)	$125.00

REIMBURSABLE COSTS

In-house Reproduction	Cost
Printing and Materials	Cost + 10%
Express Mail/Courier/Next Day Service	Cost + 10%
Special Subconsultant Services	Cost + 10%

Revised June 2024

Proposal Analysis for the Well Benchmark Survey

Mission Springs Water District – Board of Directors Meeting Date(s): March 13 & 17, 2025

Date of Solicitation: December 2, 2024

Due Date for Submittal: December 19, 2024

Below are the three proposals received from the District's current on-call consulting engineers for the Well Benchmark Survey:

- TKE Engineering: $12,940.00
- Provost and Pritchard: $19,620.00
- MSA Consulting: $38,000

Staff reviewed the three proposals received and selected TKE Engineering, Inc. as the most qualified for this project given their surveying experience and their knowledge of the requirements of the benchmark survey. TKE is capable of performing the necessary work within their cost proposal and schedule. District staff will coordinate with TKE Engineering to gain access to survey the wells and have it completed within the project schedule of 45 calendar days.

Mission Springs Water District
Contract Task Order No.: 1

Contractor: TKE Engineering, Inc.	**Date of Request:** March 18, 2025
Contract Project Title or Prime Contract: On-Call Professional General Engineering Services	
Task Order Title (if different than original): Benchmark Surveys	**Contract/PO Number:** N/A
DIR Project #: N/A	**Period of Performance:** March 18, 2025 - April 30, 2025
Task Order Amount: $12,940.00	**Original Contract Price:** $170,000.00
Contract Amendment Price Increase: $14,234.00 (includes $1,294.00 contingency)	**Remaining Original Contract Balance:** $91,851.50
Total Not-to-Exceed Contract Amount: $184,234.00	**BID #/Job #:**
Summary of work to be performed for task order:	
Please see attached proposal, which revises the Scope of Work to include Benchmark Surveys.	
Comments:	
Contract Agreement was approved by the Board of Directors on July 15, 2024. This increases the Contract Agreement amount by $12,940.00, including a 10% contingency of $1,294.00. The total increase of $14,234.00 raises the Contract Agreement from a not-to-exceed amount of $170,000.00 to a not-to-exceed amount of $184,234.00.	
Requested By: Eric Weck	**Accepted By:** Eric Weck
MSWD Contract Manager: Eric Weck	**Phone Number:** (760) 902-2344
AUTHORIZED SIGNATURES	
Mission Springs Water District	**TKE Engineering, Inc.**
Print Name: Brian E. Macy, PE	**Print Name:**
Signature:	**Signature:**
Title: General Manager	**Title:**
Date:	**Date:**

TKE ENGINEERING, INC.

December 19, 2024

Ms. Amanda Lucas, Contracts Analyst
Mission Springs Water District
66575 Second Street
Desert Hot Springs, CA 92240

Subject: Proposal to Provide Professional Surveying Services for the Well Benchmarks

Dear Ms. Lucas,

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1.	**PRE-SURVEY DATA COLLECTION** TKE will request and collect all relevant data to complete a datum survey for the project; including but not limited to: reviewing well locations, site maps, and County NAVD 88 benchmark detail. TKE will remain in close coordination with MSWD to schedule field surveys and obtain site access for each well. TKE's survey equipment is routinely calibrated to ensure accurate results. TKE has budgeted for a quantity of 12 hours for a Senior Surveyor and Associate Engineer for this task.	$ 1,740.00
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	complete a survey and leveling run from a County NAVD 88 benchmark to the TBM at each well. TKE has budgeted for a quantity of 32 hours for a 2-man crew for the field survey work.	
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	Total:	**$ 12,940.00**

The above listed costs are on a time and materials not to exceed basis. TKE will not invoice over these amounts without prior authorization from the District. TKE's scope was developed based on our understanding of the project provided by the District. TKE will invoice monthly in accordance with our FY2024-2025 On-Call Rate Schedule, attached herein.

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Sincerely,

Steven Ledbetter, P.E., Q.S.D.
Vice President
TKE Engineering, Inc.

Attachments: Rate Schedule

TKE ENGINEERING, INC.

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Assistant Engineer/Plan Checker/Designer	$130.00
AutoCAD Technician	$120.00
Engineering Technician	$100.00
Clerical	$ 85.00
Forensic Engineering	$195.00
Expert Witness Testimony	$330.00

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2-Man Survey Crew (Prevailing Wage)	$260.00

CONSTRUCTION SERVICES

Senior Construction Inspector (Prevailing Wage)	$135.00
Construction Inspector (Prevailing Wage)	$125.00

REIMBURSABLE COSTS

In-house Reproduction	Cost
Printing and Materials	Cost + 10%
Express Mail/Courier/Next Day Service	Cost + 10%
Special Subconsultant Services	Cost + 10%

Revised June 2024

MSA CONSULTING, INC.
Civil Engineering · Land Surveying · Landscape Architecture
Planning · Environmental Services · Dry Utility Coordination · GIS

CONTRACT AMENDMENT

Project: Well Benchmark
Desert Hot Springs, CA
Survey Services

Initiated for: Mission Springs Water District (MSWD)
Attn: Eric Weck, P.E.

MSA Job #:
2821.100

MSA RFP #:
2457

Client Reference:
On-Call Agreement dated 07/01/2024

MSA Project Manager:
Luke R. Beverly, PLS

Date:
December 19, 2024

The following change is proposed for the above referenced project and is a request to amend the previous contracted relationship between MSA Consulting, Inc. and the MSWD. This Contract Amendment is to serve as an addendum to the existing contract established between the two parties. For hourly services, current hourly rates shall apply. A signed copy of a Professional Service Agreement, a Written Notice to Proceed, or a signed copy of this amendment, will serve to acknowledge approval of the terms contained herein:

ADDITIONAL SCOPE OF WORK REQUEST:

1.1. Pre-Survey Data Collection

Review well head locations at eight (8) well sites (Well Nos. 22, 25, 26, 29, 30, 31, 33 and 35) as shown on the attached exhibit. Perform research of established NAVD88 benchmark data in proximity of well sites to be surveyed and prepare necessary office calculations in support of field work. Coordinate access to well sites with well owner (MSWD). Ensure all GNSS survey equipment is calibrated to follow local survey standards and accuracy requirements.

1.2. Field Survey

Field crew to meet MSWD representative at each well site described above to determine best locations of permanent markers to be set on well heads. Includes one (1) additional supplemental temporary benchmark at each well site. Locations to be determined by MSWD representative. Set mag nail (2"x1 ¼") and washer at permanent locations, set appropriate character at supplemental locations and perform survey to tie them to established NAVD88 benchmarks.

1.3. Report

Compile field results and prepare report including an executive summary, introduction, description of surveys performed, description of existing well heads, description of temporary benchmarks set at each well site, description/photos of existing NAVD88 benchmarks used and photos of work performed at each well site.

SCHEDULE

Upon receipt of a Professional Service Agreement, a Written Notice to Proceed, or a signed copy of this amendment and requested documents, MSA estimates the Survey and report to be completed within 45 calendar days.

CLIENT RESPONSIBILITIES and ASSUMPTIONS
The following has been taken into consideration in the preparation of this amendment:

1. Prevailing Wage rates are in effect.
2. MSWD to provide access to the site as needed.
3. MSWD to provide directions as to locations of permanent well head benchmarks and supplemental temporary benchmarks at each well site.

EXCLUSIONS
Consulting services not specifically listed in the scope above are excluded from the amendment. Additional services, if required, may be provided by MSA or other consultants under a separate written proposal with additional fees as approved by the Client. Examples of these include:

1. Agency/Impact Fees
2. Boundary Survey
3. Construction Staking
4. Potholing
5. Record of Survey
6. Corner Record
7. As-Build Survey
8. Topographic Survey

COST IMPACT:

Total Cost $38,000
1.1. Pre-Survey Data Collection..... $15,000
1.2. Field Survey $13,000
1.3. Report..... $10,000

AUTHORIZATION:

Approved by:

_____
Authorized Signature

_____
Typed/Printed Name

_____
Typed/Printed Contracting Entity

_____
Date

Acknowledgment by MSA Consulting, Inc.

_____
Signature

_____
Typed or Printed Name/Title

_____
Date

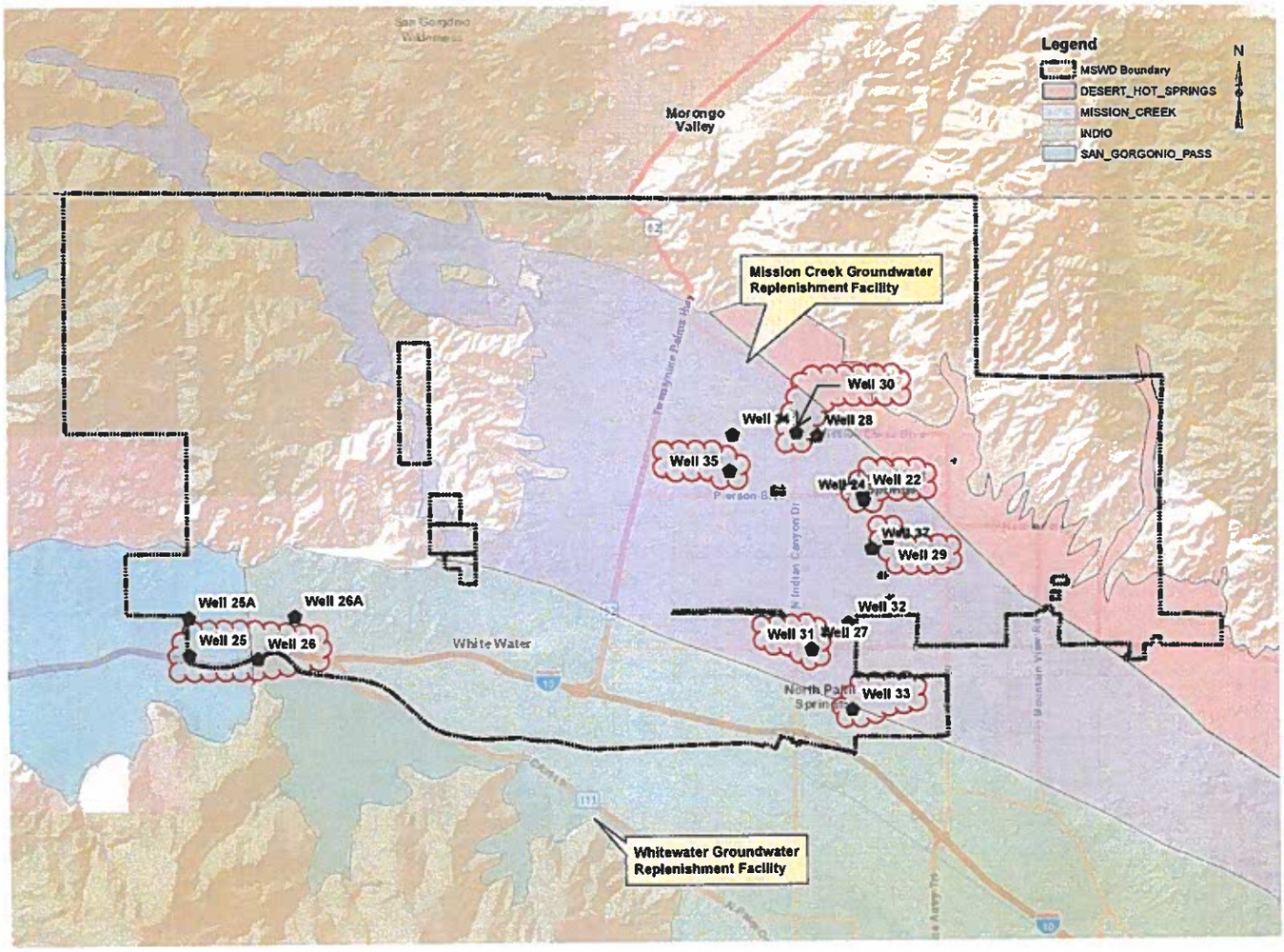


Figure 3.1 - Groundwater Subbasins

PROVOST&PRITCHARD
CONSULTING GROUP

19340 Jesse Lane, Suite 220, Riverside, CA, 92508 • (866) 776-6200
www.provostandpritchard.com

December 19, 2024

Eric Weck
Mission Springs Water District
66575 2nd Street
Desert Hot Springs, CA 92240

Subject: Well Benchmark Survey for
Mission Springs Water District, Desert Hot Springs, California

Dear Eric Weck:

Thank you for the opportunity to submit this letter proposal to provide surveying services for the Subject project. This proposal discusses our understanding of the project, recommends a scope of services together with associated fees, deliverables and approximate schedules, sets forth our assumptions, and discusses other services that may be of interest as the project proceeds.

PROJECT UNDERSTANDING

We understand that Mission Springs Water District (District) wishes to perform a temporary benchmark (TBM) survey of eight (8) of its well heads in order to establish precise elevations that can be referenced in future monitoring and analysis. Per the RFP, the corresponding identification numbers of said wells include: 22, 25, 26, 29, 30, 31, 33 and 35. Based on our review of the provided location exhibit, all except Wells 25 and 26 are located north of Interstate 10 and east of Highway 62. Conversely, Wells 25 and 26 are located on either side of I-10 and about 5 miles west of Highway 62.

The elevations (NAVD 88 datum) and any coordinates (State Plane) for each well head TBM mark will be tied into a designated benchmark system. The results of the field survey will be assembled in a final written report to include any calculations, tables, figures, and photo documentation of all used benchmarks or established TBMs as part of the project.

SCOPE OF SERVICES

Our proposed scope of work for this proposal is segregated into three (3) phases, described below.

Phase 1 - DATA: (PRE-SURVEY DATA COLLECTION)

Description of work under this phase:

- Project Management, coordination, correspondence and any meetings.
- Review well locations, site maps, NAVD 88 benchmark details, and research other relevant data and maps to ensure a clear understanding of project parameters and locations.
- Coordinate with District staff to facilitate access to all sites.
- Ensure proper calibration of all survey equipment and be familiarized with the site conditions.
- Deliverable: Tabular summary of locations of wells and control benchmark data sheets.

PHASE 2 - SUR: (FIELD SURVEY)

Description of work under this phase:

- Recover select NAVD 88 benchmarks with published elevations by the National Geodetic Survey (NGS) and / or County sources.
- Survey and establish a precise network Grid to be used for the Project.
- Establish temporary benchmarks (TBMs) at each of the eight (8) well heads and tie them to established project Grid.
- Perform an extended (Static) occupation of a select control point to allow the Online Positioning User Service (OPUS) tool refine all GPS coordinates to the National Spatial Reference System (NSRS).

PHASE 3 - RPT: (FINAL REPORT)

Description of work under this phase:

- Evaluate and assemble the field survey results into a draft report for review by District staff.
- Report to include executive summary; introduction; description of scope; discussions of existing well heads, temporary benchmarks set at each site, source of survey benchmarks used; and survey findings. Report will include all calculations, tables, figures, and photos created and used during the preceding phases.
- After review by District, incorporate any comments and finalize the report.
- Deliverables to include a draft and a final report.

PROFESSIONAL FEES

Provost & Pritchard Consulting Group will perform the services in these Phases on a time and materials basis, in accordance with our Standard Fee Schedule in effect at the time services are rendered. These fees will be invoiced monthly as they are accrued. Reimbursable expenses will be invoiced in addition to professional fees and are included in the estimated ranges above. If it appears we will need to exceed the upper range above, we will notify you in writing before we do so and will provide a revised estimate.

PROPOSED FEE	
PHASE	ESTIMATED FEE
Phase 1 - DATA	$1,800
Phase 2 - SUR	$11,960
Phase 3 - RPT	$5,860
Total Estimated Fee:	**$19,620**

The line items shown above are estimates and are not intended to limit billings for any given Task. Required task effort may vary up or down from the line item estimates shown, however total billings will not exceed the Total shown without additional authorization. If the scope changes materially from that described above, as a result of any agency's decision or because of design changes requested by the District, we will prepare a revised estimate of our fees for your approval before we proceed.

SCHEDULE

Once we receive an executed copy of this Proposal (we already have a signed contract with the District for on-call services), and are authorized to proceed, we can perform the surveying services and prepare the draft report for initial submittal in approximately 4 to 6 weeks. District review time is beyond our control. We will be prepared to submit the final report 2 weeks after we receive District comments.

ASSUMPTIONS

- District Staff will provide unabated access to each of the well sites.
- Stampings on the reference TBM washers to include "TBM" and the "Well #", to be set and surveyed at the time performing services. Reference elevations will be provided in tabular form in the report.
- The concrete to accept the TBMs is of sufficient thickness and integrity as to provide a durable set.

ADDITIONAL SERVICES

The following services are not included in this proposal, however, these and others can be provided at additional cost, upon request.

- Any effort(s) not explicitly described in the RFP or Scope of Services herein.

TERMS AND CONDITIONS

In order to convey a clear understanding of our mutual responsibilities under this proposal, please sign below and mail or email a copy to our office. This will serve as our Notice to Proceed. This proposal is valid for 30 days from the date above.

Respectfully,
Provost & Pritchard Consulting Group

Erik T. Howard, PLS 7648 / RCE 53318
Principal Engineer

Joseph Hopkins, RCE 74955
Director of Operations

TERMS AND CONDITIONS ACCEPTED

By Mission Springs Water District

_____
Signature

_____
Printed Name

_____
Title Date

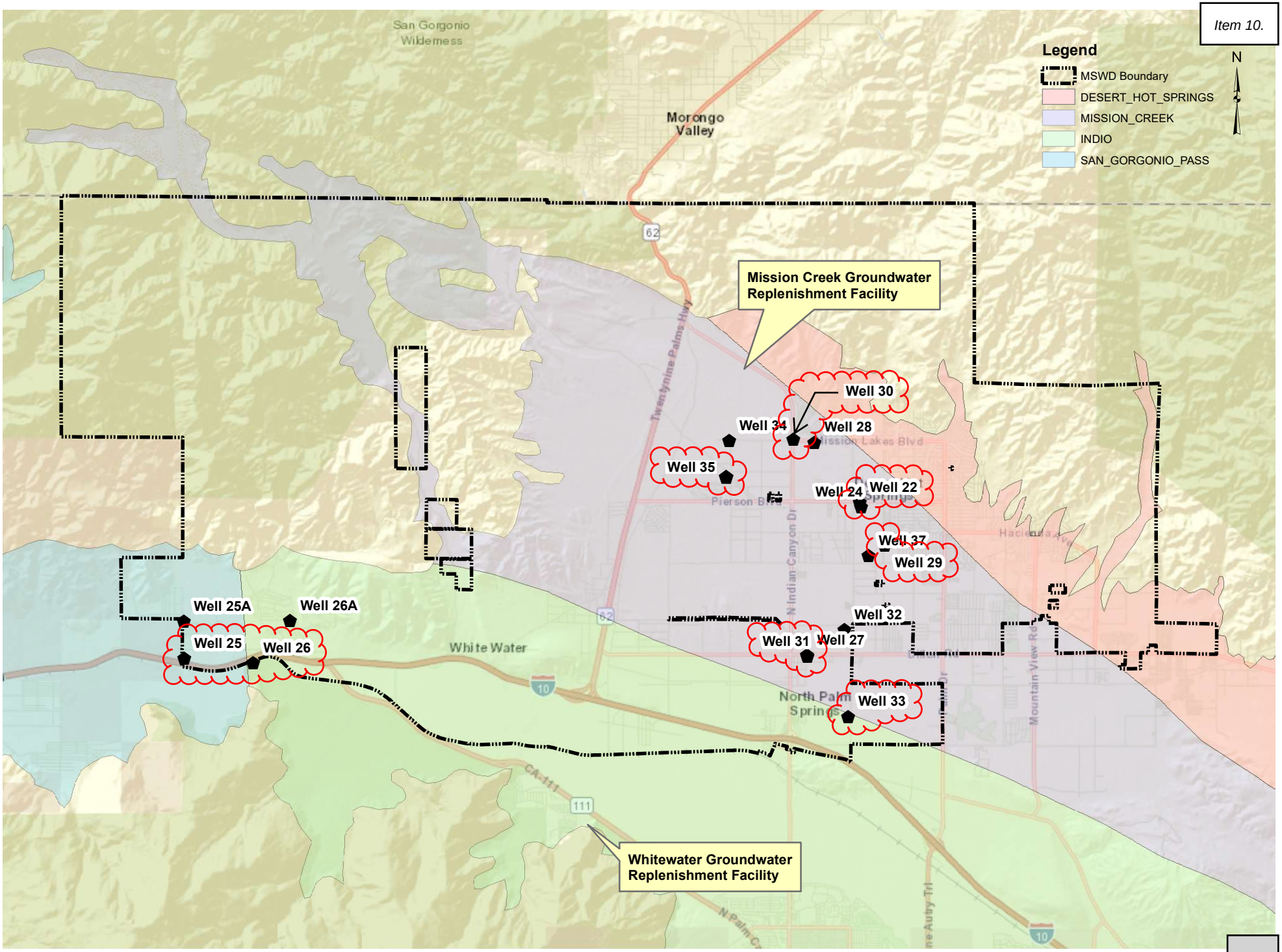


Figure 3.1 - Groundwater Subbasins

2024 STANDARD FEE SCHEDULE

This schedule supersedes previously published fee schedules as of the effective date of January 1, 2024.
Multi-year contracts are subject to any subsequent changes in these rates.

STAFF TYPE	FEE RANGE
ENGINEERING	
Assistant Engineer	$115.00 – $143.00
Associate Engineer	$136.00 – $166.00
Senior Engineer	$174.00 – $210.00
Principal Engineer	$220.00 – $280.00
Associate Structural Engineer	$136.00 – $166.00
Senior Structural Engineer	$174.00 – $210.00
Principal Structural Engineer	$220.00 – $260.00
SPECIALISTS	
Assistant Specialist	$95.00 – $115.00
Associate Specialist	$120.00 – $150.00
Senior Specialist	$157.00 – $195.00
Principal Specialist	$205.00 – $265.00
Assistant Biologist	$96.00 – $111.00
Associate Biologist	$116.00 – $143.00
Senior Biologist	$150.00 – $172.00
Principal Biologist	$180.00 – $220.00
Assistant Geologist/Hydrogeologist	$105.00 – $130.00
Associate Geologist/Hydrogeologist	$137.00 – $165.00
Senior Geologist/Hydrogeologist	$170.00 – $200.00
Principal Geologist/Hydrogeologist	$210.00 – $250.00
Principal Tunneling Consultant	$245.00 – $275.00
PLANNING	
Assistant Planner	$97.00 – $117.00
Associate Planner	$124.00 – $145.00
Senior Planner	$152.00 – $180.00
Principal Planner	$188.00 – $218.00
TECHNICAL	
Assistant Technician	$85.00 – $102.00
Associate Technician	$108.00 – $132.00
Senior Technician	$138.00 – $166.00

STAFF TYPE	FEE RANGE
CONSTRUCTION SERVICES	
Associate Construction Manager	$134.00 – $154.00
Senior Construction Manager	$161.00 – $185.00
Principal Construction Manager	$195.00 – $225.00
Construction Inspector [1]	$165.00 – $190.00
Construction Inspector [2]	$200.00 – $231.00
SUPPORT	
Administrative Assistant	$75.00 – $95.00
Project Administrator	$88.00 – $114.00
Senior Project Administrator	$122.00 – $210.00
Intern	$70.00 – $85.00
SURVEYING SERVICES	
Assistant Surveyor	$110.00 – $140.00
Licensed Surveyor	$160.00 – $200.00
1-Man Survey Crew	$195.00/$235.00[1]
2-Man Survey Crew	$305.00/$335.00[1]

(Field work not including survey equipment billed at individual standard rate plus vehicle as appropriate.)

(1) Prevailing wage rates shown for San Joaquin, Stanislaus, Merced, Madera, Fresno, Tulare, Kings, and Kern counties; other counties as quoted.

(2) Overtime for Construction Services prevailing wage will be calculated at 125% of the standard prevailing wage rate.

Additional Fees

Expert Witness / GIS Training: As quoted.
Travel Time (for greater than one (1) hour from employee's base office): $90/hour (unless the individual's rate is less)

Project Costs

Mileage: IRS value + 15%
Outside Consultants: Cost + 15%
Direct Costs: Cost + 15%

REQUEST FOR LETTER PROPOSAL

Mission Creek and San Gorgonio Pass Subbasins
Well Benchmark Survey

Introduction

The Mission Creek and San Gorgonio Pass Subbasin are a groundwater resource that requires accurate and consistent monitoring of its wells. As part of ongoing efforts to manage and maintain the groundwater basin, a benchmark survey of well heads is necessary to establish precise elevations that can be referenced for future groundwater level monitoring and analysis. The wells included in this scope include Well Nos. 30, 35, 22, 29, 31, 33, 25 and 26. Each well will be surveyed to determine their elevation and coordinates, which will be tied into a designated county benchmark on the North American Vertical DATUM 1988 (NAVD 88). This will ensure that well data is accurately aligned with other regional agency data, providing a reliable basis for groundwater management and regulatory reporting.

This document outlines the objectives, scopes, and methodology for completing the benchmark survey, including pre-survey preparations, fieldwork, data processing, and reporting. The work will comply with all relevant survey standards and regulations, ensuring the accuracy and integrity of the well data for future use.

Scope of Work

The scope of work for this project includes those items listed below.

- ### Pre-Survey Data Collection

The pre-survey phase involves gathering all relevant data needed for the project. This includes reviewing well locations, site maps, and NAVD 88 benchmark details from the county to ensure a clear understanding of the project parameters. Coordination with well owner (MSWD) will be necessary to facilitate site access for each well location. All survey equipment, such as total stations and GPS devices, will be calibrated to ensure compliance with local survey standards and accuracy requirements.

- ### Field Survey:

During the field survey phase, temporary benchmarks shall be established at each well, to facilitate accurate and repeatable field measurements. The well heads for Well Nos. 30, 35, 22, 29, 31, 33, 25 and 26 will then be precisely surveyed and tied to established NAVD 88 benchmarks. The well head elevations for each well will be established during this process.

- ### Report:

The results of the field survey will be assembled in a report. The report shall include, at a minimum, an executive summary, an introduction, description of study scope, discussions on existing well head,

temporary benchmarks set at each site, county benchmarks used, and survey findings. Additionally, the report shall include calculation tables, figures, and photo documentation of all county benchmarks and site temporary benchmarks, as required.

Schedule:

MSWD is requesting the survey and report be completed with 45 calendar days of receiving the notice to proceed.

Prevailing Wages:

In accordance with the regulations set forth by the California Department of Industrial Relations (DIR), it is imperative that all individuals working on public works projects receive prevailing wages. Contracts of $30,000 or more must meet DIR's apprenticeship requirements. This work is subject to the requirements of the California Labor Code Section 1720 et seq. requiring the payment of prevailing wages, the training of apprentices and compliance with other applicable requirements. In accordance with provisions of Section 1773 of the Labor Code, the Director of the DIR has ascertained the general prevailing rate of wages and employer payments for health and welfare, pension, vacation, and similar purposes applicable to the particular craft, classification, or type of workers employed on the work.

A Consultant/Subconsultant/Contractor/Subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code or engage in the performance of any contract for public work, as defined in this chapter, unless currently DIR-registered and qualified to perform public work pursuant to Labor Code Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

All public works Consultants/Subconsultants/Contractors/Subcontractors shall furnish electronic certified payroll records (e-CPR) directly to the Labor Commissioner using the California DIR’s online portal. In addition, pursuant to Labor Code 1776, Consultants/Subconsultants/Contractors/Subcontractors shall submit to the Awarding Body or its compliance representative, required labor compliance documentation including complete certified payroll records and proof of their DIR e-CPR uploads, for all weeks of construction. Failure to comply with public works requirements can result in progress payments being withheld, civil penalties, and/or criminal prosecution.

Contract Period: **July 1, 2024 - July 1, 2025**

TKE Engineering, Inc.
2305 Chicago Avenue
Riverside, CA 92507
(951) 680-0440

Billing Contact: Michelle Sells
(951) 680-0490
msells@tkeengineering.com

Payment No.	1	2	3	4	5	6
Date	8/23/2024	8/30/2024	9/19/2024	9/19/2024	10/24/2024	10/24/2024
BID / Job No.	See attached	11747	See attached	11747	11747	See attached
Invoice No.	2024-892	2024-896	2024-1116	2024-1120	2024-1219	2024-1215
Amount Due	$ 13,500.00	$ 2,495.00	$ 15,965.00	$ 3,840.00	$ 1,850.00	$ 11,092.50
Description	General engineering services for 07/01/24 - 07/31/24	CM services for 07/01/24 - 07/31/24 - Rancho Descanso	General engineering services for 08/01/24 - 08/30/24	CM services for 08/01/24 - 08/30/24 - Rancho Descanso	CM services for 09/01/24 - 09/30/24 - Rancho Descanso	General engineering services for 09/01/24 - 09/30/24

Payment No.	7	8	9	10	11	12
Date	11/26/2024	11/26/2024	12/20/2024	12/20/2024	1/30/2025	1/30/2025
BID / Job No.	See attached	11747	11747	See attached	See attached	11747
Invoice No.	2024-1398	2024-1402	2024-1660	2024-1664	2024-1776	2024-1780
Amount Due	$ 11,630.00	$ 2,425.00	$ 440.00	$ 8,597.50	$ 9,232.50	$ 85.00
Description	General engineering services for 10/01/24 - 10/31/24	CM services for 10/01/24 - 10/31/24 - Rancho Descanso	CM services for 11/01/24 - 11/30/24 - Rancho Descanso	General engineering services for 11/01/24 - 11/30/24	General engineering services for 12/01/24 - 12/31/24	CM services for 12/01/24 - 12/31/24 - Rancho Descanso

Payment No.	13	14	15	16	17	18
Date	2/25/2025	2/25/2025				
BID / Job No.	See attached	11747				
Invoice No.	2025-99	2025-102				
Amount Due	$ 10,970.00	$ 260.00				
Description	General engineering services for 01/01/25 - 01/31/25	CM services for 01/01/25 - 01/31/25 - Rancho Descanso				

Board Approved Contract Amount is $170,000.00 (This Contract was approved without contingency)

Conracted Amount	$ 170,000.00	**TKE Engineering, Inc. Billing Balance**	$ 77,617.50
Contract Not to Exceed	**$ 170,000.00**	**Total Billed to Date**	$ 92,382.50
		Board Approved Not to Exceed Balance	**$ 77,617.50**

TASK ORDER / PROJECT BUDGET ACCOUNTING

PROJECT	BUDGET AMOUNT FY 25	REMAINING BUDGET FY 25	NOTES
02 General District Engineering Services	$20,000.00	$1,152.50	Assistance with grant funding with USACE.
11 IRWMP	$25,000.00	$15,430.00	On-going CVRWMG project management, attending monthly meetings, and preparing quarterly reports for grant funded projects.
51 MC Subbasin	$17,500.00	$760.00	On-going MCSB SGMA assistance, attend quarterly GM meetings, prep quarterly hydrographs, and assist with preparation of the SGMA annual report.
61 SGMA SGP Subbasin	$3,500.00	$3,330.00	No work completed to date.
78 SNMP Planning and Workplan	$20,000.00	$12,670.00	On-going SNMP assistance, including attending monthly Steering Committee meetings, Technical Advisory Committee Meeting, reviewing and commenting on technical memoranda.
83 Water / Wastewater MP PM	$10,000.00	$1,180.00	PM assistance for completion of the final water/sewer master plans, including review and commenting on report chapters and CIP projects, and attending meetings as required.
88 GQPP Area M-2 Design PM	$7,500.00	$6,375.00	PM assistance for obtaining SWRCB approval of bid package.
89 GQPP Areas A & G Design PM	$5,000.00	$3,425.00	PM assistance including attending monthly design progress meetings.
95 Rancho Descanso CM and Inspection	$15,000.00	$3,605.00	Inspection of valves, manholes, and meter boxes to final grade, pouring concrete rings, and punch list.
96 Project Viento WSA/WSV	$3,410.00	$1,355.00	Addressing MSWD and developer comments of the draft report and preparing the final report.
97 13th, Thomas, & MLB Waterline Repairs	$23,545.00	$13,612.50	Inspection services.
98 GQPP Area D-3 Design PM	$7,500.00	$2,677.50	PM assistance including responding to data requests, RFIs, and attending design progress meetings.
TOTALS	$157,955.00	$65,572.50	

AGENDA STAFF REPORT

MEETING NAME: **BOARD OF DIRECTORS REGULAR MEETING**

MEETING DATE(S): **MARCH 13 & MARCH 17, 2025**

FROM: **DANNY FRIEND, DIRECTOR OF OPERATIONS**

FOR: ACTION _**X**_ DIRECTION ____ INFORMATION ____

AUTHORIZATION FOR PURCHASE OF 2025 VERMEER VX50-800 VACUUM EXCAVATOR FROM RDO EQUIPMENT CO.

STAFF RECOMMENDATION

Authorize the General Manager to approve the purchase of 2025 Vermeer VX50-800 vacuum excavator from RDO Equipment Co. for a not to exceed the amount of $124,358.84 as approved in the FY2024-25 Capital Budget.

SUMMARY

The District currently owns two Vermeer vacuum excavator trailers, which are used daily for tasks such as utility potholing, excavating water mains and services for repairs, and exposing facilities for work planning. The vacuum excavators we currently have continue to play a major role in the ongoing repairs and maintenance of the water system, save valuable time, and reduce the risk of injuries. Staff have identified the need to replace one of the older vacuum excavators. This replacement is essential to provide our staff with the necessary tools to ensure effective operations and enhance operational efficiency.

FINANCIAL DATA		
Cost Associated with this action:	$124,358.84	
Current FY cost:	$124,358.84	
Future FY cost:	$0	
Is it covered in current year budget:	YES ☒	NO ☐
Budget adjustment needed:	YES ☐	NO ☒
If yes, year needed:	N/A	
All previous contracts including dates, amounts and board approvals are attached or have been made available.		
FUNDING SOURCES		
Source of funds:	201 - Water	
BID/Job#	11840	
Current BID/Job balance	$143,000.00	
Balance remaining if approved:	$18,641.16	

ANALYSIS

Purchasing the Vermeer vacuum excavator will ensure compatibility with our existing equipment and leverage our staff's existing training. This replacement will streamline operations, reduce manual labor, and improve productivity, while also enhancing workplace safety. RDO, the vendor for Vermeer equipment, offers State Sourcewell pricing, guaranteeing the lowest price.

FISCAL IMPACT & STRATEGIC PLAN IMPLEMENTATION

The total cost for the purchase is included in the approved FY24-25 Capital Budget. This action is consistent with Strategic Plan Smart Goal 7.4 - Ensure employee safety and wellness.

ATTACHMENTS

RDO Equipment Price Quote

Retail Purchase Order

RDO Equipment Co.
20 Iowa Avenue
Riverside CA, 92507
Phone: (951) 778-3700 - Fax: (951) 778-3746

WARNIN
Warning: Cancer and Reproductive Harm.
For more Information go to:
www.P65Warnings.ca.gov

Bill To:
MISSION SPRINGS WATER DISTRICT
66575 2ND ST
DESERT HOT SPRINGS, CA, 922403715
(760) 329-6448

Ship To:
MISSION SPRINGS WATER DISTRICT
14510 PALM DR
DESERT HOT SPRINGS, CA, 92240
(760) 329-6448

Purchase Order Date:	2/12/2025
Purchase Order #:	1850686
Purchaser Account #:	6448003
Customer Purchaser Type:	
Customer Market Use:	
Location of First Working Use:	DESERT HOT SPRINGS, CA, 92240
Account Manager:	Paul Suquett
Phone:	
Fax:	
Email:	psuquett@rdoequipment.com

Equipment Information

Quantity	Serial Number Stock Number	Hours (approx.)	Status / Year / Make / Model Additional Items	Cash Price
1	1G91A1921SC615188 Z036980	11	New 2025 VERMEER VX50-800	$130,742.63
			Other DMV	$62.00
			Customer Discount SOURCEWELL	($15,396.89)
			Equipment Subtotal:	**$115,407.74**

Purchase Order Totals

Balance:	$115,407.74
CA STATE TAX:	$6,924.46
CA COUNTY TAX:	$288.52
CA SPECIAL TAX:	$1,731.12
Sales Tax Total:	$8,944.10
CA Tire Fee:	$7.00
Sub Total:	$124,358.84
Cash with Order:	$0.00
Balance Due:	**$124,358.84**

Legal Information

For the Vermeer Equipment

Warranty Disclaimer and Limitation of Liability - EXCEPT FOR THE WARRANTIES EXPRESSLY AND SPECIFICALLY MADE HEREIN, RDO MAKES NO OTHER WARRANTIES, AND ANY POSSIBLE LIABILITY OF RDO HEREUNDER IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL RDO BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, INCLUDING BUT NOT LIMITED TO ANY LOST PROFITS, LOST SAVINGS OR OTHER INCIDENTAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT PROVIDED HEREUNDER. UNLESS OTHERWISE PROVIDED BELOW, THIS EQUIPMENT IS SOLD AS IS WITH NO WARRANTY PROVIDED.

For Deals with Trades - I (We) offer to sell, transfer, and convey the following item(s) at or prior to the time of delivery of the above Product, as a 'trade-in' to be applied against the cash price. Such items(s) shall be free and clear of all security agreements, liens, and encumbrances at the time of transfer to you. The following is a description and the price to be allowed for each item.

Purchase Agreement - I (we), the undersigned, hereby order from you the Equipment described above, to be delivered as shown above. This order is subject to your ability to obtain such Equipment from the manufacturer and you shall be under no liability if delivery of the equipment is delayed or prevented due to labor disturbances, transportation difficulties, or for any reason beyond your control. The price shown above is subject to your receipt of the Equipment prior to any change in price by the manufacturer. It is also subject to any new increased taxes imposed upon the sale of the Equipment after the date of this order.

ACKNOWLEDGEMENTS - I (we) promise to pay the balance due shown above in cash, or to execute a Time Sale Agreement (Retail Installment Contract), or a Loan Agreement, for the purchase price of the Equipment, plus additional charges shown thereon or execute a Lease Agreement, on or before delivery of the Equipment ordered herein. Despite physical delivery of the Equipment, title shall remain in the seller until one of the foregoing is accomplished and I (we) hereby grant a security interest to RDO Equipment Co. in the Equipment.

SIC Information - Please be advised that RDO has assigned its rights to sell construction rental equipment (as defined under SIC code #3531 and as described in this document) and the rights to sales proceeds (including “trade-in assets” related thereto) to North Star Deferred Exchange LLC. as part of IRC Sec. 1031 exchange.

Upon signature of delivery acknowledgment, customer is accepting the equipment, including attachments, in “AS IS” condition, agreeing to notify RDO Equipment Co. within 24 hours of any damages or discrepancies found upon receipt of equipment.

Signature Area

Purchase Order Accepted By:

(Customer's Signature) (Date Accepted)

(Authorized Signature of Dealer) (Date Accepted)

Delivery of Equipment Acknowledgement:

(Customer's Signature) Date Accepted

(Account Manager's Signature) Date Accepted

Equipment Options

Qty	Serial Number	Year / Make / Model	Description
1	1G91A1921SC615188	2025 VERMEER VX50-800	None

AGENDA STAFF REPORT

MEETING NAME: **REGULAR BOARD MEETING(S)**

MEETING DATE(S): **MARCH 13 & MARCH 17, 2025**

FROM: **DANNY FRIEND, DIRECTOR OF OPERATIONS**

FOR: ACTION _**X**_ DIRECTION ____ INFORMATION ____

CONTRACT AGREEMENT WITH EXECUTIVE FACILITIES SERVICES, INC. FOR ANNUAL JANITORIAL SERVICES FOR FY 2024-2026

STAFF RECOMMENDATION

Authorize the General Manager to approve a contract with Executive Facilities Services, Inc. for Annual Janitorial Services for FY 2024-2026, totaling $36,808.72, plus an additional 10% contingency, for a total of $40,489.59. The agreement includes the option to extend services for three additional one-year terms. The maximum amounts for fiscal years 2026-27, 2027-28, and 2028-29 are detailed in Attachment A – Contract Cost Breakdown.

SUMMARY

The District contracts for annual disinfection and janitorial services for several facilities, including the Administration Building, Accounting Modular, Annex Building, Corporate Yard, Horton WWTP, and the Nancy Wright RWRF. This contract will provide regularly scheduled professional janitorial services that include labor, cleaning supplies, equipment, and materials. Please refer to the contract in Attachment B for further details.

ANALYSIS

In January 2025, the District advertised a request for bids for annual janitorial and disinfection services via OpenGov. Two bids were received and Executive Facilities Services, Inc., was the lowest responsive bidder. Below is a list of the bids received. See Attachment C for a detailed bid summary and tabulation.

BIDDER	BID AMOUNT
Executive Facilities Services, Inc.	$36,808.72
Coastal Building Services, Inc.	$54,860.00

FINANCIAL DATA		
Cost Associated with this action:	$40,489.59	
Current FY cost:	$40,489.59	
Future FY cost:	$128,829.27	
Is it covered in current year budget:	YES ☒	NO ☐
Budget adjustment needed:	YES ☐	NO ☒
If yes, year needed:	N/A	
All previous contracts, including dates, amounts and board approvals are attached or have been made available.		
FUNDING SOURCES		
Source of funds:	101-General	
BID/Job#	517–Janitorial Services	
Current BID/Job balance	$53,462.52	
Balance remaining if approved:	$12,972.93	

FISCAL IMPACT & STRATEGIC PLAN IMPLEMENTATION

Year one costs for this contract will be included in the operating budgets for FY2024/25 and 2025/26. Future appropriations will be requested as part of FY26/27, FY27/28, and FY28/29 budget requests. This action is consistent with Strategic Plan Smart Goal 3.2–Control costs and manage debt responsibility.

ATTACHMENTS

Attachment A: Contract Cost Breakdown
Attachment B: Contract Agreement
Attachment C: Bid Summary/Tabulation

Attachment A

Contract Cost Breakdown

FY 2024-26 Appropriations (contract period one)		
Bid Amount	$	36,808.72
10% Contingency Amount	$	3,680.87
	$	**40,489.59**
FY 2026-27 Appropriations (contract period two)		
Bid Amount	$	37,923.60
10% Contingency Amount	$	3,792.36
	$	**41,715.96**
FY 2027-28 Appropriations (contract period three)		
Bid Amount	$	39,039.52
10% Contingency Amount	$	3,903.95
	$	**42,943.47**
FY 2028-29 Appropriations (contract period four)		
Bid Amount	$	40,154.40
10% Contingency Amount	$	4,015.44
	$	**44,169.84**
Total Contract Amount	**$**	**169,318.86**

AGREEMENT FOR PROFESSIONAL SERVICES BY INDEPENDENT CONTRACTOR
ANNUAL JANITORIAL SERVICES FOR 2024-2026
PROJECT DIR # ___N/A_____

THIS AGREEMENT FOR PROFESSIONAL SERVICES BY INDEPENDENT CONTRACTOR is made and effective as of ____, 2025 by and between the MISSION SPRINGS WATER DISTRICT, a County Water DISTRICT ("DISTRICT") whose address is **66575 Second Street, Desert Hot Springs, CA 92240** and **Executive Facilities Services, Inc.**, a California Corporation whose address is **6865 Weaver Street, Riverside, CA 92504** ("CONTRACTOR").

RECITALS

This Agreement is entered into on the basis of the following facts, understandings and intentions of the parties to this Agreement:

A. DISTRICT desires to engage CONTRACTOR to provide the following services: **janitorial services**; and

B. CONTRACTOR has made a proposal ("Proposal") to the DISTRICT to provide such professional services, which Proposal is attached hereto as **Exhibit "A"** and incorporated herein by this reference; and

C. CONTRACTOR agrees to provide such services pursuant to, and in accordance with, the terms and conditions of this Agreement, and represents and warrants to DISTRICT that CONTRACTOR possesses the necessary skills, licenses, certifications, qualifications, personnel and equipment to provide such services.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing Recitals and mutual covenants contained herein, DISTRICT and CONTRACTOR agree as follows:

1. Term of Agreement. This Agreement is effective as of the date first above written and shall continue until terminated as provided for herein. Notwithstanding anything in this Agreement to the contrary, this Agreement shall automatically terminate after **one year and three months** unless extended by the parties with the approval of the General Manager of the DISTRICT.

2. Services to be Performed. CONTRACTOR agrees to provide the services ("Services") contained in the Proposal. All Services shall be performed in the manner and according to the timeframe set forth in the Proposal. CONTRACTOR designates **Jim Ferraro** as CONTRACTOR'S professional(s) responsible for overseeing the Services provided by CONTRACTOR. DISTRICT designates the District General Manager, or his or her designee, to act as the project manager ("Project Manager") in connection with the delivery of Services under this Agreement.

3. Associates and Subcontractors. CONTRACTOR may, at CONTRACTOR'S sole cost and expense, employ such competent and qualified independent associates, subcontractors and consultants as CONTRACTOR deems necessary to perform the Services; provided, however, that CONTRACTOR shall not subcontract any of the Services without the prior written consent of DISTRICT.

4. Compensation.

4.01 CONTRACTOR shall be paid at the rates set forth in the Proposal and shall not increase any rate without the prior written consent of the DISTRICT. Notwithstanding anything in this Agreement to the contrary, total fees and charges paid by DISTRICT to CONTRACTOR under this Agreement shall not exceed the amount of **$36,808.72**.

4.02 CONTRACTOR shall not be compensated for any Services rendered nor reimbursed for any expenses incurred in excess of those authorized unless approved in advance by the DISTRICT, in writing.

4.03 CONTRACTOR shall submit to DISTRICT, on or before the fifteenth (15^{th}) of each month, itemized invoices for the Services rendered in the previous month. The DISTRICT shall not be obligated to pay any invoice for services that is submitted more than sixty (60) days after the date such services were provided. DISTRICT shall have the right to review and audit all invoices prior to or after payment to CONTRACTOR. This review and audit may include, but not be limited to DISTRICT's:

a. Determination that any hourly fee charged is consistent with this Agreement's approved hourly rate schedule;

b. Determination that the multiplication of the hours billed times the approved rate schedule dollars is correct;

c. Determination that each item charged is the usual, customary, and reasonable charge for the particular item. If the DISTRICT determines an item charged is greater than usual, customary, or reasonable, or is duplicative, ambiguous, excessive, or inappropriate, DISTRICT shall either return the bill to CONTRACTOR with a request for explanation or adjust the payment accordingly and give notice to CONTRACTOR of the adjustment.

4.04 If the work is satisfactorily completed, DISTRICT shall pay such invoice within thirty (30) days of its receipt, or as reasonably soon after required certified payroll information is submitted to the DISTRICT, if applicable. Should DISTRICT dispute any portion of any invoice, DISTRICT shall pay the undisputed portion within the time stated above, and at the same time advise CONTRACTOR in writing of the disputed portion.

5. Obligations of CONTRACTOR.

5.01 CONTRACTOR agrees to perform all Services in accordance with the terms and conditions of this Agreement and the Proposal. In the event that the terms of the

Proposal shall conflict with the terms of this Agreement or contain additional terms that purport to bind the DISTRICT other than the Services to be rendered and the hourly rate for the Services, the terms of this Agreement shall govern and said additional or conflicting terms shall be of no force or effect.

5.02 Except as otherwise agreed by the parties, CONTRACTOR will supply all personnel, materials and equipment required to perform the Services. CONTRACTOR shall provide its own offices, telephones, vehicles and computers and set its own work hours. CONTRACTOR will determine the method, details, and means of performing the Services under this Agreement.

5.03 CONTRACTOR shall keep DISTRICT informed as to the progress of the Services by means of regular and frequent consultations. Additionally, when requested by the DISTRICT, the CONTRACTOR shall prepare written status reports.

5.04 CONTRACTOR is responsible for paying, when due, all income and other taxes, fees and withholding, including withholding state and federal taxes, social security, unemployment and worker's compensation, incurred as a result of the compensation paid under this Agreement. CONTRACTOR agrees to indemnify, defend, and hold harmless DISTRICT for any claims, costs, losses, fees, penalties, interest, or damages suffered by DISTRICT resulting from CONTRACTOR's failure to comply with this provision.

5.05 In the event CONTRACTOR is required to prepare plans, drawings, specifications and/or estimates, the same shall be furnished in conformance with local, state and federal laws, rules and regulations.

5.06 CONTRACTOR represents that it possesses all required licenses necessary or applicable to the performance of Services under this Agreement and the Proposal and shall obtain and keep in full force and effect all permits and approvals required to perform the Services herein. In the event DISTRICT is required to obtain an approval or permit from another governmental entity, CONTRACTOR shall provide all necessary supporting documents to be filed with such entity.

5.07 CONTRACTOR shall be solely responsible for obtaining Employment Eligibility Verification information from CONTRACTOR's employees, in compliance with the Immigration Reform and Control Act of 1986, Pub. L. 99-603 (8 U.S.C. 1324a), and shall ensure that CONTRACTOR's employees are eligible to work in the United States.

5.08 In the event that CONTRACTOR employs, contracts with, or otherwise utilizes any CalPERS retirees in completing any of the Services performed hereunder, such instances shall be disclosed in advance to the DISTRICT and shall be subject to the DISTRICT's advance written approval.

5.09 Drug-free Workplace Certification. By signing this Agreement, the CONTRACTOR hereby certifies under penalty of perjury under the laws of the State of

California that the CONTRACTOR will comply with the requirements of the Drug-Free Workplace Act of 1990 (Government Code, Section 8350 et seq.) and will provide a drug-free workplace.

5.10 CONTRACTOR shall comply at its sole expense with all applicable local, state and federal laws, rules, regulations, entitlements and/or permits applicable to, or governing the Services authorized hereunder.

5.11 In the performance of this contract the CONTRACTOR shall comply with all applicable federal, state and local statutory and regulatory requirements including, but not limited to California Department of Industrial Relations (Cal/OSHA) regulations; and the U.S. Department of Transportation Omnibus Transportation Employee Testing Act, related to their scope of work and operations. In case of conflict in regulations, the most stringent shall apply.

6. Insurance.

CONTRACTOR shall procure and maintain for the duration of this Agreement the following insurance coverage relating to the services provided under this Agreement by the CONTRACTOR.

a. Professional Liability Insurance. Choose and check one: Required __ /Not Required _X_; CONTRACTOR will file with DISTRICT, before beginning professional services, a certificate of insurance satisfactory to DISTRICT evidencing professional liability coverage of not less than $1,000,000 per occurrence and $2,000,000 annual aggregate.

b. Cyber Liability Insurance REQUIRED IF CHECKED HERE ONLY [___] (Technology Professional Liability – Errors and Omissions), with limits not less than $2,000,000 per occurrence, and $2,000,000 aggregate or the full per occurrence limits of the policies available, whichever is greater. Coverage shall be sufficiently broad to respond to the duties and obligations as is undertaken by CONTRACTOR in this Agreement and shall include, but not be limited to, claims involving infringement of intellectual property, including but not limited to infringement of copyright, trademark, trade dress, invasion of privacy violations, information theft, damage to or destruction of electronic information, release of private information, alteration of electronic information, extortion and network security. The policy shall provide coverage for breach response costs as well as regulatory fines and penalties as well as credit monitoring expenses with limits sufficient to respond to these obligations. CONTRACTOR will file with DISTRICT, before beginning professional services, certificates of insurance (Acord Form 25 or equivalent) satisfactory to DISTRICT evidencing.

c. If Claims Made Policies (applies only to professional liability and cyber liability policies):

1. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.

2. Insurance must be maintained, and evidence of insurance must be

provided for at least five (5) years after completion of the contract of work.

3. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the CONTRACTOR must purchase "extended reporting" coverage for a minimum of five (5) years after completion of contract work.

d. Commercial General Liability (CGL) - Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 00 01) including products and completed operations, property damage, bodily injury, personal and advertising injury with limit of at least two million dollars ($2,000,000) per occurrence or the full per occurrence limits of the policies available, whichever is greater. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (coverage as broad as the ISO CG 25 03, or ISO CG 25 04 endorsement provided to DISTRICT), or the general aggregate limit shall be twice the required occurrence limit.

e. Automobile Liability - Insurance Services Office (ISO) Business Auto Coverage (Form CA 00 01), covering Symbol 1 (any auto) or if CONTRACTOR has no owned autos, Symbol 8 (hired) and 9 (non-owned) with limit of one million dollars ($1,000,000) for bodily injury and property damage each accident.

f. Workers' compensation (statutory limits) and employer's liability ($1,000,000) per accident for bodily injury or disease. CONTRACTOR is aware of the provisions of Section 3700 of the California Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and CONTRACTOR will comply with such provisions before commencing the performance of the professional services under this agreement. As required by the State of California, with Statutory Limits and Employer's Liability Insurance of no less than $1,000,000 per accident for bodily injury or disease.

g. Verification of Coverage – CONTRACTOR shall furnish the DISTRICT with certificates and amendatory endorsements, or copies of the applicable policy language effecting coverage required by this clause copies of which are attached hereto as **Exhibit "B"**. All certificates and endorsements are to be received and approved by the DISTRICT before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the CONTRACTOR's obligation to provide them. The DISTRICT reserves the right to require complete, certified copies of all required insurance policies, including policy Declaration pages and Endorsement pages. CONTRACTOR shall provide new certificates of insurance prior to the expiration of any existing certificate of insurance.

h. Required Provisions –

• CONTRACTOR shall require and verify that all subcontractors maintain insurance meeting all requirements stated herein and provide proof of such insurance to DISTRICT, if requested. CONTRACTOR shall ensure that DISTRICT its directors, officers, employees,

contractors, subcontractors and authorized volunteers are an additional insured on Commercial General Liability Coverage. CONTRACTOR shall provide certificates of insurance to DISTRICT as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers' compensation. Insurance certificates and endorsements must be approved by DISTRICT's risk manager prior to commencement of performance. Current certification of insurance shall be kept on file with DISTRICT at all times during the term of this contract. DISTRICT reserves the right to require complete, certified copies of all required insurance policies, at any time. CONTRACTOR shall maintain such coverage continuously for a period of at least five (5) years after the completion of the contract work.

- Waiver of Subrogation: The insurer(s) shall agree to waive all rights of subrogation against the DISTRICT, its elected or appointed officers, officials, agents, authorized volunteers, and employees for losses paid under the terms of the policy which arise from work performed by the named insured for the DISTRICT; but this provision applies regardless of whether or not the DISTRICT has received a waiver of subrogation from the insurer. Sole proprietors with no employees, LLCs, or partnerships who do not carry workers' compensation acknowledge that they are not subject to the Workers' Compensation Act of the State of California and agree to complete a signed workers compensation exemption form.

- The liability coverage shall give DISTRICT, its directors, officers, employees (collectively the DISTRICT), and authorized volunteers insured status (via ISO endorsement at least as broad as CG 20 10 10 01 or CG 20 10 07 04 specifically naming the DISTRICT, its directors, officers, employees, or authorized volunteers; or using the language that states "as required by written contract."

- The liability coverage is to state or be endorsed (with as broad as ISO endorsement CG 20 01 04 13) to state "such insurance shall be primary and any insurance, self-insurance or other coverage maintained by Mission Springs Water DISTRICT, its directors, officers, employees, or authorized volunteers shall not contribute to it".

- All coverage is to be placed with a carrier with an A.M. Best rating of no less than A: VII, or equivalent.

- The coverage shall contain no special limitations on the scope of protection afforded to DISTRICT, its directors, officers, employees, or authorized volunteers. If the CONTRACTOR maintains broader coverage and/or higher limits than the minimums shown above, the DISTRICT requires and shall be entitled to the broader coverage and/or higher limits maintained by the CONTRACTOR. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the DISTRICT.

- If any of the required coverages expire or are cancelled during the term of this agreement, the CONTRACTOR shall deliver the renewal certificate(s) to DISTRICT at least ten (10) days prior to the expiration or cancellation date and shall obtain replacement insurance with the same coverage prior to such expiration.

- Self-Insurance is not acceptable or permitted for any insurance coverage required

under this Agreement.

• Self-Insured Retentions - Self-insured retentions must be declared to and approved by the DISTRICT in writing. The DISTRICT may require the CONTRACTOR to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or DISTRICT.

7. Indemnification.

7.01 CONTRACTOR and DISTRICT agree that DISTRICT, its employees, agents and officials should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, defense costs, court costs or any other costs arising out of or in any way related to the performance of this Agreement by CONTRACTOR or any subcontractor or agent of either as set forth herein. Accordingly, the provisions of this indemnity are intended by the parties to be interpreted and construed to provide the fullest protection possible under the law to DISTRICT. CONTRACTOR acknowledges that DISTRICT would not enter into this Agreement in the absence of the commitment of CONTRACTOR to indemnify and protect DISTRICT as set forth herein.

a. To the fullest extent permitted by law, CONTRACTOR shall defend, indemnify and hold harmless DISTRICT, its employees, agents and officials, from any liability, claims, suits, actions, arbitration proceedings, administrative proceedings, regulatory proceedings, losses, expenses, damages or costs of any kind, whether actual, alleged or threatened, actual attorneys' fees incurred by DISTRICT, court costs, interest, defense costs, including expert witness fees and any other costs or expenses of any kind whatsoever without restriction or limitation incurred in relation to, as a consequence of or arising out of, or in any way attributable actually, allegedly or impliedly, in whole or in part to the performance of this Agreement. CONTRACTOR's obligation to defend, indemnify and hold harmless shall include any and all claims, suits and proceedings in which CONTRACTOR (and/or CONTRACTOR's agents and/or employees) is alleged to be an employee of DISTRICT. All obligations under this provision are to be paid by CONTRACTOR as they are incurred by DISTRICT.

b. Without affecting the rights of DISTRICT under any provision of this Agreement or this Section, CONTRACTOR shall not be required to indemnify and hold harmless DISTRICT as set forth above for liability attributable solely to the fault of DISTRICT, provided such fault is determined by agreement between the parties or the findings of a court of competent jurisdiction.

7A. Indemnification Design Professionals.

7A.01 In the event that CONTRACTOR is a design professional under California Civil Code

Section 2782.8 this Section 8A shall apply instead of Section 8. To the fullest extent permitted by California law and in accordance with California Civil Code section 2782.8, CONTRACTOR shall indemnify, and hold harmless the DISTRICT, its officers, employees, trustees and members ("Indemnified Parties") from any and all actions, assessments, counts, citations, claims, costs, damages, demands, judgments, liabilities (legal, administrative or otherwise), losses, notices, expenses, fines, penalties, proceedings, responsibilities, violations, attorney's and consultants' fees and causes of action including, but not limited to those for, injury to property or persons, including personal injury and/or death ("Claim(s)"), to the extent that the Claim(s) arises out of, pertains to, or relates to the negligence, recklessness, or willful misconduct of CONTRACTOR, its directors, officials, officers, employees and consultants arising out of, connected with, or resulting from the performance of the Services, the Project, or this Agreement. This indemnity excludes liability caused by the negligence or willful misconduct of any of the Indemnified Parties. The cost to indemnify, hold harmless, and defend charged to CONTRACTOR shall not exceed CONTRACTOR'S proportionate percentage of fault.

8. Additional Services, Changes and Deletions.

8.01 In the event CONTRACTOR performs additional or different services than those described herein without the prior written approval of the Project Manager of the DISTRICT, CONTRACTOR shall not be compensated for such services. CONTRACTOR expressly waives any right to be compensated for services and materials not covered by the scope of this Agreement or authorized by the DISTRICT in writing.

8.02 CONTRACTOR shall promptly advise the Project Manager and as soon as reasonably practicable upon gaining knowledge of a condition, event or accumulation of events which may affect the scope and/or cost of Services. All proposed changes, modifications, deletions and/or requests for additional services shall be reduced to writing for review and approval by the DISTRICT and/or Board of Directors.

9. Termination of Agreement.

9.01 Notwithstanding any other provision of this Agreement, DISTRICT, at its sole option, may terminate this Agreement with or without cause, or for no cause, at any time by giving twenty (20) days' written notice to CONTRACTOR.

9.02 In the event of termination, the payment of monies due CONTRACTOR for undisputed Services performed prior to the effective date of such termination shall be paid within thirty (30) business days after receipt of an invoice as provided in this Agreement. Immediately upon termination, CONTRACTOR agrees to promptly provide and deliver to DISTRICT all original documents, reports, studies, plans, specifications and the like which are in the possession or control of CONTRACTOR and pertain to DISTRICT.

10. Status of CONTRACTOR.

10.01 CONTRACTOR shall perform the Services in CONTRACTOR's own way as an independent contractor, and in pursuit of CONTRACTOR's independent calling, and

not as an employee of DISTRICT. However, CONTRACTOR shall regularly confer with DISTRICT's Project Manager as provided for in this Agreement.

10.02 CONTRACTOR agrees that it is not entitled to the rights and benefits afforded to DISTRICT's employees, including disability or unemployment insurance, workers' compensation, retirement, CalPERS, medical insurance, sick leave, or any other employment benefit. CONTRACTOR is responsible for providing, at its own expense, disability, unemployment, workers' compensation and other insurance, training, permits, and licenses for itself and its employees and subcontractors.

10.03 CONTRACTOR hereby specifically represents and warrants to DISTRICT that it possesses the qualifications and skills necessary to perform the Services under this Agreement in a competent, professional manner, without the advice or direction of DISTRICT and that the Services to be rendered pursuant to this Agreement shall be performed in accordance with the standards customarily applicable to an experienced and competent professional rendering the same or similar services in the same geographic area where the DISTRICT is located. Further, CONTRACTOR represents and warrants that the individual signing this Agreement on behalf of CONTRACTOR has the full authority to bind CONTRACTOR to this Agreement.

11. Ownership of Documents; Audit.

11.01 All draft and final reports, plans, drawings, studies, maps, photographs, specifications, data, notes, manuals, warranties and all other documents of any kind or nature prepared, developed or obtained by CONTRACTOR in connection with the performance of Services performed for the DISTRICT shall become the sole property of DISTRICT, and CONTRACTOR shall promptly deliver all such materials to DISTRICT upon request. At the DISTRICT's sole discretion, CONTRACTOR may be permitted to retain original documents, and furnish reproductions to DISTRICT upon request, at no cost to DISTRICT.

11.02 Subject to applicable federal and state laws, rules and regulations, DISTRICT shall hold all intellectual property rights to any materials developed pursuant to this Agreement. CONTRACTOR shall not such use data or documents for purposes other than the performance of this Agreement, nor shall CONTRACTOR release, reproduce, distribute, publish, adapt for future use or any other purposes, or otherwise use, any data or other materials first produced in the performance of this Agreement, nor authorize others to do so, without the prior written consent of DISTRICT.

11.03 CONTRACTOR shall retain and maintain, for a period not less than four years following termination of this Agreement, all-time records, accounting records and vouchers and all other records with respect to all matters concerning Services performed, compensation paid, and expenses reimbursed. At any time during normal business hours and as often as DISTRICT may deem necessary, CONTRACTOR shall make available to DISTRICT's agents for examination of all of such records and shall permit DISTRICT's agents to audit, examine and reproduce such records.

12. Miscellaneous Provisions.

12.01 This Agreement, which includes all attached exhibits, supersedes any and all previous agreements, either oral or written, between the parties hereto with respect to the rendering of Services by CONTRACTOR for DISTRICT and contains all of the covenants and agreements between the parties with respect to the rendering of such Services in any manner whatsoever. Any modification of this Agreement will be effective only if it is in writing signed by both parties.

12.02 CONTRACTOR shall not assign or otherwise transfer any rights or interest in this Agreement without the prior written consent of DISTRICT. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

12.03 CONTRACTOR shall timely file FPPC Form 700 Conflict of Interest Statements with DISTRICT if required by California law and/or the DISTRICT's conflict of interest policy.

12.04 If any legal action or proceeding, including an action for declaratory relief, is brought to enforce or interpret the provisions of this Agreement, the prevailing party will be entitled to reasonable attorneys' fees and costs, in addition to any other relief to which that party may be entitled.

12.05 This Agreement is made, entered into and shall be performed in the County of Riverside in the State of California and shall in all respects be interpreted, enforced and governed under the laws of the State of California. The parties agree that the venue in any litigation between them shall be in Riverside County, California.

12.06 CONTRACTOR covenants that neither it nor any officer or principal of its firm has any interest, nor shall they acquire any interest, either directly or indirectly, which will conflict in any manner or degree with the performance of their Services hereunder. CONTRACTOR further covenants that in the performance of this Agreement, no person having such interest shall be employed by it as an officer, employee, agent, or subcontractor.

12.07 CONTRACTOR has read and is aware of the provisions of Section 1090 et seq. and Section 87100 et seq. of the Government Code relating to conflicts of interest of public officers and employees. CONTRACTOR agrees that they are unaware of any financial or economic interest of any public officer or employee of the DISTRICT relating to this Agreement. It is further understood and agreed that if such a financial interest does exist at the inception of this Agreement, the DISTRICT may immediately terminate this Agreement by giving notice thereof. CONTRACTOR shall comply with the requirements of Government Code section 87100 et seq. and section 1090 in the performance of and during the term of this Agreement.

12.08 Improper Consideration. CONTRACTOR shall not offer (either directly or through an intermediary) any improper consideration such as, but not limited to, cash, discounts, services, the provision of travel or entertainment, or any items of value to any officer, employee or agent of the DISTRICT in an attempt to secure favorable treatment regarding this Agreement or any contract awarded by DISTRICT. The DISTRICT, by notice, may immediately terminate this Agreement if it determines that any improper consideration as described in the preceding sentence was offered to any officer, employee or agent of the DISTRICT with respect to the proposal and award process of this Agreement or any DISTRICT contract. This prohibition shall apply to any amendment, extension or evaluation process once this Agreement or any DISTRICT contract has been awarded. The CONTRACTOR shall immediately report any attempt by any DISTRICT officer, employee or agent to solicit (either directly or through an intermediary) improper consideration from CONTRACTOR.

12.09 Severability. If any portion of this Agreement is declared invalid, illegal or otherwise unenforceable by a court of competent jurisdiction, the entire balance of this Agreement not so affected shall remain in full force and effect.

[signatures on following page]

IN WITNESS WHEREOF, the parties hereby have made and executed this Agreement to be effective as of the day and year first above written.

DISTRICT:	**CONTRACTOR:**
MISSION SPRINGS WATER DISTRICT	EXECUTIVE FACILITIES SERVICES, INC.
By: _____	By: _____
Print Name _____	Print Name _____
Date: _____	Date: _____

EXHIBIT "A"

PROPOSAL, SCOPE OF SERVICES, AND GENERAL CONDITIONS

(insert behind this page)

EXECUTIVE FACILITIES SERVICES, INC. RESPONSE DOCUMENT REPORT

GEN No. 2025-C&M-001

Annual Janitorial Services for 2025-2026

RESPONSE DEADLINE: February 21, 2025 at 2:00 pm

Report Generated: Wednesday, March 5, 2025

Executive Facilities Services, Inc. Response

CONTACT INFORMATION

Company:
Executive Facilities Services, Inc.

Email:
rjstorm-larsen@execservices.biz

Contact:
RJ Storm-Larsen

Address:
6865 Weaver St.
Riverside, CA 92504

Phone:
N/A

Website:
execservices.biz

Submission Date:
Feb 18, 2025 9:28 PM (Pacific Time)

ADDENDA CONFIRMATION

Addendum #1
Confirmed Feb 16, 2025 8:06 PM by RJ Storm-Larsen

QUESTIONNAIRE

1. I certify that I have read, understood and agree to the terms in this solicitation, and that I am authorized to submit this response on behalf of my company.*

Confirmed

2. Disqualified, Removed, or Otherwise Prevented from Bidding*

Has the Contractor, any officer of the Contractor, or any employee of the Contractor who has proprietary interest in the Contractor, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or safety regulation?

No

3. Proceedings, Claims, Lawsuits, & Other Pending Issues*

Has the Contractor, any officer of the Contractor, or any employee of the Contractor who has proprietary interest in the Contractor, ever had any administrative proceedings, claims, lawsuits, or other exposures pending against the Contractor?

No

4. W-9*

Please download the below document, complete, and upload.

- W-9_Clean_Form.pdf

W9_EFS_Inc_2025.pdf

5. Exhibit C - References*

Please upload your references here.

Exhibit_C_-_References.pdf

6. Please provide the name of the individual who will be signing the Contract Agreement.*

Jim Ferraro

7. Please provide the title of the individual who will be signing the Contract Agreement.*

Company Owner

8. Insurance Requirements*

Confirm that your company can meet all the insurance requirements outlined below:

Contractor shall furnish the District with certificates and amendatory endorsements. All certificates and endorsements are to be received and approved by the District before work commences. The District

reserves the right to require complete, certified copies of all required insurance policies, including policy declaration pages and endorsement pages. Contractor shall provide new certificates of insurance prior to the expiration of any existing certificate of insurance.

A Certificate of Insurance will be furnished by the successful Contractor upon Notice of Award. The certificate(s) shall be completed by the Contractor's authorized agent and submitted to the District. The successful Contractor shall not commence any work in connection with the Agreement until it has obtained all the following types of insurance and shall maintain such insurance for the duration of the Agreement. The Contractor shall secure the minimum insurance coverage described in the Agreement for Professional Services by Independent Contractor, and such insurance shall be primary with respect to any insurance or self- insurance programs maintained by the District.

Contractor shall require and verify that all subconsultants maintain insurance meeting all requirements stated herein and provide proof of such insurance to the District, if requested. The Contractor shall ensure that the District its directors, officers, employees, contractors, subcontractor and authorized volunteers are an additional insured on Commercial General Liability coverage.

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A: VII.

Commercial General Liability (CGL):

Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 00 01) including products and completed operations, property damage, bodily injury, personal and advertising injury with limit of at least two million dollars ($2,000,000) per occurrence or the full per occurrence limits of the policies available, whichever is greater. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (coverage as broad as the ISO CG 25 03, or ISO CG 25 04 endorsement provided to DISTRICT), or the general aggregate limit shall be twice the required occurrence limit.

Automobile Liability:

Insurance Services Office (ISO) Business Auto Coverage (Form CA 00 01), covering Symbol 1 (any auto) or if consultant has no owned autos, Symbol 8 (hired) and 9 (non-owned) with limit of one million dollars ($1,000,000) for bodily injury and property damage each accident.

Workers' Compensation and Employer's Liability:

Workers' compensation (statutory limits) and employer's liability ($1,000,000) per accident for bodily injury or disease. Contractor is aware of the provisions of Section 3700 of the California Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and consultant will comply with such provisions before commencing the performance of the professional services under this agreement. As required by the State of California, with Statutory Limits and Employer's Liability Insurance of no less than $1,000,000 per accident for bodily injury or disease.

Waiver of Subrogation: The insurer(s) shall agree to waive all rights of subrogation against the DISTRICT, its elected or appointed officers, officials, agents, authorized volunteers, and employees for losses paid under

the terms of the policy which arise from work performed by the named insured for the DISTRICT; but this provision applies regardless of whether or not the DISTRICT has received a waiver of subrogation from the insurer. Sole proprietors with no employees, LLCs, or partnerships who do not carry workers' compensation acknowledge that they are not subject to the Workers' Compensation Act of the State of California and agree to complete a signed workers compensation exemption form.

Yes

PLEASE PROVIDE ANY REQUESTED MODIFICATIONS TO INSURANCE REQUIREMENTS.*
Submission of this request does not guarantee acceptance.

Executive Facilities Services, Inc does not have any modifications to the insurance requirements.

9. Agreement for Professional Services by Independent Contractor*

Please download the Agreement for Professional Services in the Attachments section and review. If you agree with its content, checkmark "Accept." If submitting proposed revisions, checkmark "Submitting Revisions".

*Respondent must submit the entire Agreement for Professional Services with markups for consideration. Submission of this request does not guarantee acceptance.

Accept

PRICE TABLES

APRIL 1, 2025, THROUGH JUNE 30, 2026

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	MSWD Administration Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$217.80	$11,325.60
2	MSWD Accounting Modular, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$27.23	$1,415.96
3	MSWD Annex Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$108.90	$5,662.80
4	MSWD Corporate Yard/Horton Wastewater Treatment Plant, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$190.58	$9,910.16
5	MSWD Nancy Wright Regional Water Reclamation Facility, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$163.35	$8,494.20
TOTAL					$36,808.72

JULY 1, 2026, THROUGH JUNE 30, 2027

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	MSWD Administration Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$224.40	$11,668.80
2	MSWD Accounting Modular, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$28.05	$1,458.60
3	MSWD Annex Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$112.20	$5,834.40
4	MSWD Corporate Yard/Horton Wastewater Treatment Plant, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$196.35	$10,210.20
5	MSWD Nancy Wright Regional Water Reclamation Facility, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$168.30	$8,751.60
TOTAL					$37,923.60

JULY 1, 2027, THROUGH JUNE 30, 2028

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	MSWD Administration Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$231.00	$12,012.00
2	MSWD Accounting Modular, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$28.88	$1,501.76
3	MSWD Annex Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$115.50	$6,006.00
4	MSWD Corporate Yard/Horton Wastewater Treatment Plant, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$202.13	$10,510.76
5	MSWD Nancy Wright Regional Water Reclamation Facility, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$173.25	$9,009.00
TOTAL					$39,039.52

JULY 1, 2028, THROUGH JUNE 30, 2029

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	MSWD Administration Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$237.60	$12,355.20
2	MSWD Accounting Modular, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$29.70	$1,544.40
3	MSWD Annex Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services	52	Weekly	$118.80	$6,177.60
4	MSWD Corporate Yard/Horton Wastewater Treatment Plant, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$207.90	$10,810.80
5	MSWD Nancy Wright Regional Water Reclamation Facility, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$178.20	$9,266.40
TOTAL					$40,154.40

SCOPE OF SERVICES AND GENERAL CONDITIONS

Annual Janitorial Services for 2025-2026

Scope of Services:

The scope of services consists of, but is not limited to, providing the regularly scheduled professional janitorial services for Mission Springs Water District (District). The Contractor shall provide appropriate supplies to maintain a high level of cleanliness effectively, and safely for specified District Facilities in accordance with the best standards of practice. It shall be the successful Contractor's responsibility to furnish at his/her own expense all tools, equipment, janitorial supplies, labor, fuel, materials, supervision, and services necessary for the satisfactory performance of the work as set forth in the following:

Locations:

Accounting Modular
66575 Second Street
Desert Hot Springs, CA 92240

Administration Building (Admin Building)
66575 Second Street
Desert Hot Springs, CA 92240

Annex Building
66547 Second Street
Desert Hot Springs, CA 92240

Corporate Yard (Corp Yard) / Horton Wastewater Treatment Plant (HWWTP)
14501 Park Lane / 14501 Verbena Drive
Desert Hot Springs, CA 92240

Nancy Wright Regional Water Reclamation Facility (NWRWRF)
19999 Little Morongo Road
Desert Hot Springs, CA 92240

Work Schedule:

The Contractor shall provide janitorial cleaning and disinfecting services two (2) times per week at all locations on Tuesdays and Fridays.

- **Corp Yard, HWWTP and NWRWRF**
  - Tuesdays after 4:00 p.m. but completed before 6:30 a.m. on Wednesdays.
  - Fridays after 3:30 p.m. but completed before 6:30 a.m. on Mondays.

- **Admin Building, Annex Building, and Accounting Modular**
    - Tuesdays after 5:30 p.m. but completed before 7:00 a.m. on Wednesdays.
    - Fridays after 4:30 p.m. but completed before 7:00 a.m. on Mondays.

Services noted as “quarterly” shall be performed at the end of each quarter in September, December, March, and June. Services noted as “semi-annual” shall be performed in July and January. Specific dates and times for quarterly and semi-annual services will be coordinated with the Project Manager or Authorized Staff a minimum of three (3) weeks prior to service being performed.

Work Requirements, Conditions, and Improvements:

The Contractor shall provide all labor, cleaning supplies, equipment, and materials necessary for janitorial cleaning and disinfection services, as well as stocking supplies at the specified locations. This includes, but is not limited to, multi-fold paper towels for manual towel dispensers, paper towel rolls (with batteries) for automatic dispensers, two-ply toilet paper (Charmin or equivalent), hand soap (with dispenser batteries), hand sanitizers, and air fresheners or replacement cartridges (with dispenser batteries). Additionally, the restrooms must maintain a minimum of five (5) rolls of toilet paper and two (2) seat cover boxes in the restroom cabinets.

Admin Building - Upper Level & Lower Level:

The Contractor shall perform routine janitorial and disinfecting services including:

1. Empty all trash and recycle containers, replace them with new liners and return them to their original locations.
2. Clean and disinfect all desks, tables, chairs, counters, wall frames and bookcases.
3. Clean and disinfect spills, soil and fingerprints on scanners, phones, desks, counters, and tables (please do not move any paperwork on the desks, unless approved to).
4. Clean and disinfect soil and fingerprints on all walls, light switches, doors/door knobs and door frames.
5. Clean, polish and disinfect all drinking fountains.
6. Vacuum all carpeted floors including stairs.
7. Sweep and mop all vinyl and tile floors.
8. Clean and disinfect microwave ovens inside and out.
9. Clean and disinfect the outside of the refrigerators.
10. Monitor/refill soap, toilet paper, and all paper towel dispensers.
11. Clean glass conference table in the General Manager’s office.
12. Clean and disinfect the podium, tables, dais, countertop, and chairs in the boardroom.
13. Vacuum and wipe down all window blinds, ledges, and sills.
14. Clean interior and exterior windows on a **quarterly basis.**
15. Carpet shampoo/cleaning must be done **semi-annual.**

16. Clean and disinfect sinks, urinals, toilets, and clean all mirrors in restrooms. Replace urinal screen/deodorizer weekly and toilet air freshener monthly.
17. Clean and disinfect countertops in both kitchenette areas.
18. Clean and disinfect the handrails on the interior stairway.
19. Clean and disinfect the railing outside the lower level backdoor.

Accounting Modular:

The Contractor shall perform routine janitorial and disinfecting services including:

1. Empty all trash and recycle containers, replace them with new liners and return them to their original locations.
2. Clean and disinfect all desks, tables, chairs, counters, wall frames and bookcases.
3. Clean and disinfect spills, soil and fingerprints on scanners, phones, desks, counters, and tables (please do not move any paperwork on the desks, unless approved to).
4. Clean and disinfect soil and fingerprints on all walls, light switches, doors/door knobs and door frames.
5. Clean, polish and disinfect all drinking fountains.
6. Vacuum all carpeted floors.
7. Clean and disinfect microwave oven inside and out.
8. Clean and disinfect the outside of the refrigerators.
9. Vacuum and wipe down all window blinds, ledges, and sills.
10. Clean interior and exterior windows on a **quarterly basis**.
11. Carpet shampoo/cleaning must be done **semi-annual.**

Annex Building:

The Contractor shall perform routine janitorial and disinfecting services including:

1. Empty all trash and recycle containers, replace them with new liners and return them to their original locations.
2. Clean and disinfect all desks, tables, chairs, counters, wall frames and bookcases.
3. Clean and disinfect spills, soil and fingerprints on scanners, phones, desks, counters, and tables (please do not move any paperwork on the desks, unless approved to).
4. Clean and disinfect soil and fingerprints on all walls, light switches, doors, and door frames.
5. Clean, polish and disinfect all drinking fountains.
6. Vacuum all carpeted floors including stairs.
7. Sweep and mop all vinyl and tile floors.
8. Clean and disinfect microwave ovens inside and out.
9. Clean and disinfect the outside of the refrigerators.
10. Monitor/refill soap, toilet paper and all paper towel dispensers.
11. Vacuum and wipe down all window blinds, ledges, and sills.
12. Clean and disinfect sinks, urinals, toilets, and clean all mirrors in restrooms. Replace urinal screen/deodorizer weekly and toilet air freshener monthly.

13. Clean interior and exterior windows on a **quarterly basis.**
14. Carpet shampoo/cleaning must be done at least **semi-annual.**

Corp Yard / HWWTP:

The Contractor shall perform routine janitorial and disinfecting services including:

1. Empty all trash and recycle containers, replace them with new liners and return them to their original locations.
2. Clean and disinfect all desks, tables, chairs, counters, wall frames and bookcases.
3. Clean and disinfect spills, soil and fingerprints on scanners, phones, desks, counters, and tables (please do not move any paperwork on the desks, unless approved to).
4. Clean and disinfect soil and fingerprints on all walls, light switches, doors, and door frames.
5. Clean, polish and disinfect all drinking fountains.
6. Sweep and mop all vinyl, tile, and cement floors.
7. Clean and disinfect microwave ovens inside and out.
8. Clean and disinfect the outside of the refrigerators.
9. Monitor/refill soap, toilet paper and all paper towel dispensers.
10. Vacuum and wipe down all window blinds, ledges, and sills.
11. Clean and disinfect sinks, urinals, toilets, showers, and clean all mirrors in restrooms. Replace urinal screen/deodorizer weekly and toilet air freshener monthly.
12. Clean interior and exterior windows on a **quarterly basis.**

NWRWRF:

The Contractor shall perform routine janitorial and disinfecting services including:

1. Empty all trash and recycle containers, replace them with new liners and return them to their original locations.
2. Clean and disinfect all desks, tables, chairs, counters, wall frames and bookcases.
3. Clean and disinfect spills, soil and fingerprints on scanners, phones, desks, counters, and tables (please do not move any paperwork on the desks, unless approved to).
4. Clean and disinfect soil and fingerprints on all walls, light switches, doors/door knobs and door frames.
5. Clean, polish and disinfect all drinking fountains.
6. Sweep and mop all vinyl and tile floors.
7. Clean and disinfect microwave ovens inside and out.
8. Clean and disinfect the outside of the refrigerators.
9. Monitor/refill soap, toilet paper, and all paper towel dispensers.
10. Vacuum and wipe down all window blinds, ledges, and sills.
11. Clean interior and exterior windows on a **quarterly basis.**

12. Clean and disinfect sinks, urinals, toilets, showers, and clean all mirrors in restrooms. Replace urinal screen/deodorizer weekly and toilet air freshener monthly.
13. Clean and disinfect countertops in breakroom/kitchenette area.

On the first Saturday of every other month the Contractor shall perform the following at all locations:

1. Dust and vacuum all air conditioning vents/registers and diffusers.
2. Spray, buff, and polish all vinyl and composition floors.

Special Services:

Emergency services shall be made available 24 hours a day / 7 days a week and will be performed as directed by the Project Manager or Authorized Staff. Requests for emergency services can be made by phone without requiring an amendment to the contract agreement or an additional work order. All other requests must be submitted in writing.

GENERAL CONDITIONS

Project Description:

Mission Springs Water District (MSWD or District) is solicitating bids from qualified Contractors to provide janitorial and disinfection services at five (5) locations in the City of Desert Hot Springs, CA. The contract will be awarded to the lowest responsive and responsible bidder based on the combined totals of the pricing tables. The initial contract period will be from April 1, 2025, through June 30, 2026. MSWD reserves the right, at its sole discretion, to extend the agreement for additional one-year terms, up to a maximum of three (3) years. No public bid opening will be held.

Personnel:

The Contractor shall assign an on-site supervisor who will have overall responsibility for the performance of the services and who will be able to promptly resolve any questions or problems that arise. Contractor shall advise their supervisory staff and working personnel that because of the risk/liability issues, individuals not directly employed by the Contractor, children, family, friends, or pets are not permitted on District property during working hours.

Damage:

If Contractor damages any property belonging to the District, the District may either retain from the money due to the Contractor an amount sufficient to repair the damage or require the Contractor to have the damage repaired to the satisfaction of the District, at the Contractor's expense.

Building Access:

The successful Contractor must contact the Project Manager or Authorized Staff, prior to commencement of work. The Contractor will be issued keys, remotes, access cards and access codes to the work areas. Keys shall be assigned and used by only individuals employed by the Company. The Contractor shall report all lost or stolen keys, remotes, and access cards to the Project Manager or Authorized Staff within 24 hours of discovery of the loss. The Contractor shall reimburse the District for the cost as determined by the Project Manager or Authorized Staff for rekeying the facilities or duplicating additional keys, remotes, and/or access cards. Upon completion of this contract, and prior to payment of a final invoice, all keys, remotes, and access cards shall be returned and accounted for by the Project Manager or Authorized Staff.

Non-Performance for Services:

Contractor will be considered non-compliant when in the judgment of the Project Manager or Authorized Staff, any one or more of the following conditions exist:

a. The work requested was not performed in accordance with the performance standards set by this contract or the Project Manager or Authorized Staff.

b. The work requested was not performed/or finished within the time specified.

c. The specified equipment, tools or chemicals were not available, not used, not used correctly or were not in good operating condition, resulting in a substandard job.

d. The “Daily Log” was not completed at the completion of the cleaning period.

Notification will be made to the Contractor directing that a correction of the deficiency be re-cleaned or as otherwise directed by the Project Manager or Authorized Staff at no increase or additional cost to the total contractual amount.

Background Check, Security and Identification:

A Live Scan is required for all staff working in District Facilities, to be conducted at the Contractor’s sole expense.

The Contractor must provide a written attestation that a legally permissible background check to the extent allowed by law has been conducted on each employee prior to initial employment. Copies of all background checks must be submitted to the District two weeks before employees’ arrival at the District premises. An acceptable background check must be completed through an accredited company and include, at minimum, a criminal records and sex offender database check.

Upon the termination or transfer of any employee, the Contractor must immediately notify the Project Manager or Authorized Staff by phone and email. The Contractor must also promptly retrieve all District-owned property (keys, remotes, access cards) from the individual and return it to the Project Manager or Authorized Staff.

Business License:

Prior to beginning any work, the Contractor shall obtain a Desert Hot Springs business license.

References:

The Contractor shall complete and include, with bid, the attached Exhibit C - References. Please submit at least three (3) references.

Insurance Requirements:

A Certificate of Insurance will be furnished by the successful Contractor upon Notice of Award. The certificate(s) shall be completed by the Contractor’s authorized agent and submitted to the District. The successful Contractor shall not commence any work in connection with the Agreement until it has obtained all the following types of insurance and shall maintain such insurance for the duration of the Agreement. The Contractor shall secure the minimum insurance coverage described below, and such insurance shall be primary with respect to any insurance or self- insurance programs maintained by the District.

Comprehensive Commercial General Liability. Contractor shall obtain, and maintain throughout the life of the Agreement, Comprehensive Commercial General Liability Insurance in an amount of $2,000,000 per occurrence and $4,000,000 aggregate with an insurance carrier acceptable to the District and name the District as additional insured.

Commercial Automobile Liability Insurance. Contractor shall obtain, and maintain throughout the life of the Agreement, Comprehensive Automobile Liability Insurance with minimum limits of $1,000,000, combined single limit for bodily injury liability and property damage liability and name the District as additional insured. This coverage shall include all owned vehicles, hired and non-owned vehicles, and employee non-ownership vehicles.

Workers' Compensation and Employer's Liability Insurance. Contractor shall obtain, and maintain throughout the life of the Agreement, Workers' Compensation and Employer's Liability Insurance in the amount that meets the statutory requirement and shall be in force with an insurance carrier acceptable to the District. The Contractor and any sub-Contractors shall comply fully with the California Workers' Compensation Law.

Professional Liability Insurance. If applicable, the Contractor shall obtain and maintain throughout the life of the Agreement Professional Liability Insurance in an amount of $1,000,000 per claims made and $2,000,000 aggregate with an insurance carrier accepted to the District.

The Contractor shall instruct their insurance broker to furnish properly executed certificates of insurance to the District.

- The name of the insured Contractor, the specified job by name, the name of the insurer, the number of the policy, its effective date, and its termination date.
- Certificates of insurance shall clearly evidence coverage required above.
- Certificates of insurance shall be submitted by the broker directly to Mission Springs Water District via e-mail to the contract manager assigned. The insurer will notify the District at least thirty (30) days prior to any material changes in provisions or cancellation of the policy.

The District reserves the right to modify the insurance requirements set forth at any time during the process of solicitation or subsequent thereto.

EXHIBIT "B"

CERTIFICATES OF INSURANCE AND ENDORSEMENTS

(insert behind this page)

Attachment C

April 1, 2025, through June 30, 2026				Coastal Building Services, Inc.		Executive Facilities Services, Inc.	
Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total
1	MSWD Administration Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$348.00	$18,096.00	$217.80	$11,325.60
2	MSWD Accounting Modular, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$173.00	$8,996.00	$27.23	$1,415.96
3	MSWD Annex Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$188.00	$9,776.00	$108.90	$5,662.80
4	MSWD Corporate Yard/Horton Wastewater Treatment Plant, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$173.00	$8,996.00	$190.58	$9,910.16
5	MSWD Nancy Wright Regional Water Reclamation Facility, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$173.00	$8,996.00	$163.35	$8,494.20
	Total				**$54,860.00**		**$36,808.72**

July 1, 2026, through June 30, 2027				Coastal Building Services, Inc.		Executive Facilities Services, Inc.	
Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total
1	MSWD Administration Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$358.50	$18,642.00	$224.40	$11,668.80
2	MSWD Accounting Modular, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$178.00	$9,256.00	$28.05	$1,458.60
3	MSWD Annex Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$193.50	$10,062.00	$112.20	$5,834.40
4	MSWD Corporate Yard/Horton Wastewater Treatment Plant, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$178.00	$9,256.00	$196.35	$10,210.20
5	MSWD Nancy Wright Regional Water Reclamation Facility, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$178.00	$9,256.00	$168.30	$8,751.60
	Total				**$56,472.00**		**$37,923.60**

July 1, 2027, through June 30, 2028				Coastal Building Services, Inc.		Executive Facilities Services, Inc.	
Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total
1	MSWD Administration Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$369.00	$19,188.00	$231.00	$12,012.00
2	MSWD Accounting Modular, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$184.00	$9,568.00	$28.88	$1,501.76
3	MSWD Annex Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$200.00	$10,400.00	$115.50	$6,006.00
4	MSWD Corporate Yard/Horton Wastewater Treatment Plant, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$184.00	$9,568.00	$202.13	$10,510.76
5	MSWD Nancy Wright Regional Water Reclamation Facility, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$184.00	$9,568.00	$173.25	$9,009.00
	Total				**$58,292.00**		**$39,039.52**

July 1, 2028, through June 30, 2029				Coastal Building Services, Inc.		Executive Facilities Services, Inc.	
Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total
1	MSWD Administration Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$380.00	$19,760.00	$237.60	$12,355.20
2	MSWD Accounting Modular, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$190.00	$9,880.00	$29.70	$1,544.40
3	MSWD Annex Building, all routine janitorial and disinfection services including but not limited to all items described in the scope of services	52	Weekly	$206.00	$10,712.00	$118.80	$6,177.60
4	MSWD Corporate Yard/Horton Wastewater Treatment Plant, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$190.00	$9,880.00	$207.90	$10,810.80
5	MSWD Nancy Wright Regional Water Reclamation Facility, all routine janitorial and disinfection services including but not limited to all items described in the scope of services.	52	Weekly	$190.00	$9,880.00	$178.20	$9,266.40
	Total				**$60,112.00**		**$40,154.40**

				Combined Total	**$229,736.00**		**$153,926.24**

AGENDA STAFF REPORT

MEETING NAME: **REGULAR BOARD MEETING(S)**

MEETING DATE(S): **MARCH 13 & MARCH 17, 2025**

FROM: **BRIAN MACY, INTERIM GENERAL MANAGER**

FOR: ACTION _X__ DIRECTION ____ INFORMATION ____

ACCEPTANCE OF THE WELL 34 REHABILITATION PROJECT

STAFF RECOMMENDATION

Board acceptance of the Well 34 Rehabilitation Project as complete and authorize the release of retention money held for Legend Pump and Well Services, Inc. in the amount of $31,668.73, thirty-five (35) days after filing the Notice of Completion.

SUMMARY

On October 16, 2023, the Board approved a construction contract with Legend Pump and Well Services, Inc. to perform well rehabilitation of Well 34. Work included performing casing integrity surveys, chemical treatments, well redevelopment and well disinfection. Also included in the project was to rehabilitate and disinfect the boosters. The well rehabilitation and disinfection of the well and boosters are complete.

ANALYSIS

Legend Pumping and Well Services completed the rehabilitation to Well 34 and it was inspected and verified by the hydrogeologist (Kyle Groundwater, Inc) as well as District staff. Staff recommends accepting the project as complete and directing staff to record the Notice of Completion for Legend Pump and Well Services, Inc.

FISCAL IMPACT AND STRATEGIC PLAN IMPLEMENTATION

This project is in the FY 24-25 budget, and per Amendment #3 of the Agreement between MSWD and Skyborne Ventures, it is funded by the Developer. Project costs to MSWD are reimbursable through the Development Agreement. Presently, there is $26,158.69 remaining in the project budget and this amount already takes into account the retention monies that are due to the Contractor. This action is consistent with Strategic Plan Goal 4.3, Maintain and renew assets while facilitating strategic Capital Improvements.

FINANCIAL DATA		
Cost Associated with this action:	$31,668.73	
Current FY cost:	$0	
Future FY cost:	$0	
Is it covered in current year budget:	YES ☒	NO ☐
Budget adjustment needed:	YES ☐	NO ☒
If yes, year needed:	FY 24-25	
All previous contracts including dates, amounts and board approvals are attached or have been made available.		
FUNDING SOURCES		
Source of funds:	Development Deposit	
BID/Job#	#11742	
Current BID/Job balance	$26,158.69	
Balance remaining if approved:	$26,158.69	

ATTACHMENTS

- Notice of Completion (to be filed with the County of Riverside)

RECORDING REQUESTED BY AND WHEN RECORDED MAIL TO:

Mission Springs Water District
66575 Second Street
Desert Hot Springs, CA 92240

EXEMPT – GOV'T CODE 6103

The undersigned grantor declares:
Documentary transfer tax is $ 0.00 .
( ) computed on the full value of property conveyed, or
( ) computed on full value less value of liens and encumbrances remaining at time of sale.
( ) Unincorporated area: ( ) City of _____, and County of _____.

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FOR RECORDER'S USE ONLY

NOTICE OF COMPLETION

Notice is hereby given that:

1. The undersigned is owner or corporate officer of the owner of the interest or estate stated below in the property hereinafter described:
2. The full name of the owner is Mission Springs Water District
3. The full address of the owner is 66575 Second Street, Desert Hot Springs, CA 92240
4. The nature of the interest or estate of the owner is in fee.

(if other than fee, strike "in fee" and interest, for example, "purchaser under contract of purchases," or "lessee")

5. The full names and full addresses of all persons, if any, who hold title with the undersigned as joint tenants or as tenants in common are:

NAME ADDRESS

6. A work of improvement on the property hereinafter described was completed on January 29, 2025
The work done was: Construction of the Well 34 Rehabilitation Project
7. The name of the contractor, if any, for such work of improvement was Legend Pump and Well Service, Inc. 1324 W. Rialto Ave., San Bernardino, CA 92410

(If no contractor for work of improvement as a whole, insert "none") (Date of Contract) 10/20/2023

8. The property on which said work of improvement was completed is in the City of Desert Hot Springs County of Riverside, State of California, and is described as follows: 62998 Mission Lakes Boulevard in Mission Springs Water District service area.
9. The street address of said property is: None
(if no street address has been officially assigned, insert none)

Dated: _____

Brian Macy, P.E., General Manager
Mission Springs Water District

VERIFICATION

I, the undersigned, say: I am the General Manager, the declarant of the foregoing Notice of Completion; I have read said Notice of Completion and know the contents thereof; the same is true of my knowledge. I declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, 20 25, at Desert Hot Springs, California.
(Date of signature) (City where signed)

(Personal signature of the individual who is swearing that the contents of the notice of completion are true)

AGENDA STAFF REPORT

MEETING NAME: **REGULAR BOARD MEETING**

MEETING DATE(S): **MARCH 13 & 17, 2025**

FROM: **MARION CHAMPION – ASSISTANT GENERAL MANAGER**

FOR: ACTION __X__ DIRECTION ____ INFORMATION _____

REVIEW AND ADOPT THE UPDATED MSWD STRATEGIC PLAN

STAFF RECOMMENDATION

It is recommended that the Board of Directors adopt the updated Mission Springs Water District Strategic Plan, which builds on the past year's success and provides guidance for the future.

SUMMARY

In March 2024, MSWD adopted a Strategic Plan that outlines a focused roadmap for efficient water management and community service. Building on a 70-year legacy, the plan aligns with MSWD's mission to provide, protect, and preserve water resources. The plan focuses on seven SMART goals that focus: Customer Communications, Water Supply, Financial Management, System Reliability, Environmental Sustainability, Improved Technology & Processes, and Workforce Excellence.

ANALYSIS

As presented during the March 11, 2025, Board workshop, much of the work the District has undertaken in the past year has been guided by the Strategic Plan. On the anniversary of its adoption, staff is bringing back the status of each of the seven SMART goals and soliciting additional feedback from the Board.

FISCAL IMPACT & STRATEGIC PLAN IMPLEMENTATION

None

ATTACHMENT

2024 MSWD Strategic Plan

FINANCIAL DATA		
Cost Associated with this action:		$0.00
Current FY cost:		$0.00
Future FY cost:		$0.00
Is it covered in current year budget:	YES ☒	NO ☐
Budget adjustment needed:	YES ☐	NO ☒
If yes, year needed:		NA
All previous contracts including dates, amounts and board approvals are attached or have been made available.		

FUNDING SOURCES	
Source of funds:	NA
BID/Job#	.
Current BID/Job balance	
Balance remaining if approved:	$0.00

SMART GOAL #2: WATER SUPPLY

Comprehensively evaluate and present viable options for implementing a diversified water supply.

Water supply is of the utmost importance to the District. Several types of concerns about water supply were identified throughout the strategic planning process; ensuring and securing long-term water supply is a critical priority for the District. This goal includes activities associated with protecting our current water supplies while investigate options for creating recycled water and stormwater capture programs to ensure sustainable and reliable water provision for its customers.

2.1 Ensure excellence in regulatory compliance.

Key Success Measures

1. Actively monitor new regulations and engage in the rulemaking process.
2. Deliver services in accordance with standards set by regulatory agencies.
3. Chromium-6 MCL

- Share best practices and collaborate with other water districts in the Coachella Valley through our consultant to develop a cost-effective approach to managing Chromium-6 levels within our water supply.
- Increase transparency, create an education and outreach plan to share the District's approach with the community, and increase overall awareness of water quality and supply issues facing the District.
- Ensure the District's Chromium–6 plan is incorporated in the Long Range Financial Plan and that any capital projects are incorporated into the Five-Year CIP Program.

4. Lead & Copper Rule

- Develop a lead service line inventory and make it publicly available.
- Develop a lead service line replacement plan.
- Sample schools and childcare facilities for lead and copper.
- Strengthen treatment to comply with the new 10 microgram/liter (µg/L) trigger level.
- Develop a communications plan to educate the public about the Lead and Copper Rule Revision's requirements and the steps MSWD takes to meet them.

5. Conservation as a Way of Life

- Continue to work with regulators to address the feasibility of state-set conservation goals.
- Continue to review regulations and apply for variances based on agriculture, evaporative coolers, and seasonal populations while evaluating other areas that may reduce conservation targets.
- Solicit grant support to help pay for an MSWD weather station to obtain better precipitation and evaporation rates in our service area.
- Enhance customer rebate programs to include water-saving appliances like dishwashers, clothes washers, and high-efficiency toilets.
- Budget for and incorporate a Conservation as a Way of Life engagement campaign into the annual customer communications plan.
- Solicit grant funding to develop an Evaporative Cooler Maintenance and Replacement Program.
- Review the turf rebate program and target outreach efforts to customers with turf.
- As part of the new Critical Services Center, construct a new demonstration garden to encourage the use of native drought-resilient plants.

SMART GOAL #2: WATER SUPPLY (Continued)

2.2 Support / Advocate regional development of local water supply and reduce reliance on imported supply.

Key Performance Measures

1. Explore options and grant funding to create a financially feasible recycled water program (looking at potable and non-potable options) at the Horton and Wright facilities.
2. Work with the City and other water districts to encourage the use of native drought-resilient plants; work with the City to add to developer requirements.
3. Evaluate options for stormwater capture and reuse.
4. Participate in negotiations for the final determination of the Ground Sustainability Agency for basins within the District's service area, which include the San Gorgonio Pass Sub-Basin, the Mission Creek Sub-Basin, the Indio Sub-Basin, and the Desert Hot Springs Sub-Basin.
5. Work with the Salt Nutrient Management Plan stakeholders to continue monitoring Total Dissolved Solids in the Coachella Valley and advocate for project funding to protect our aquifer.
6. Continue to explore opportunities with the Agua Caliente Indian Reservation to access groundwater.
7. Review and explore options with our State Water Project allocation, preparing for contract expiration and the possibility of reduced Colorado River supplies.
8. As part of the Water Master Plan, include projects that connect the MSWD IDE areas to the MSWD "main" system.

2.3 Continue to implement the MSWD Groundwater Quality Protection Project, which is a comprehensive water resource management effort that eliminates known pollution sources; reclaims water to reduce demand on limited groundwater resources; protects underground storage capacity; and leverages multiple funding opportunities.

Key Performance Measures

1. Expand the sewer system and wastewater treatment facilities by reclaiming water and reducing groundwater demand while protecting our groundwater supply.
2. Leverage local, state, and federal grant opportunities to ensure program affordability for our residents.
3. Communicate the value of septic to sewer and water quality efforts to stakeholders and the community to ensure continued support.
4. Participate in community events to build trust and ensure transparency.
5. Participate in the Coachella SNMP committee to collect data, monitor and mitigate impacts of septic systems within the MSWD boundaries.
6. Work with local, state, and federal partners to obtain 50 percent match funding for current and future assessment districts.

BOARD OF DIRECTORS SPECIAL MEETING (WORKSHOP) MINUTES

Tuesday, February 04, 2025 at 9:00 AM

66575 Second St, Desert Hot Springs, CA AND/OR Via Teleconference

CALL TO ORDER
President Sewell called the meeting to order at 9:00 AM

ROLL CALL
BOARD MEMBERS PRESENT: President Ivan Sewell, Vice President Robert Griffith, Director Russ Martin, Director Amber Duff, Director Ted Mayrhofen

STAFF MEMBERS PRESENT: Brian Macy, Marion Champion, Kurt Kettenacker, Amanda Lucas, April Scott, Eric Weck, Oriana Hoffert, Dori Petee

PUBLIC INPUT
No public input

CLOSED SESSION

CONFERENCE WITH LEGAL COUNSEL REGARDING POTENTIAL INITIATION OF LITIGATION
Pursuant to Government Code Section 54956.9(d)(4). One potential case

CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION
Pursuant to Government Code Section 54956.9(d)(2) and/or (3). One potential case.

REPORT ON ACTION TAKEN DURING CLOSED SESSION
The Board met in closed session on the items listed above, there was no reportable action.

ITEMS FOR DISCUSSION

WATER THEFT
Assistant General Manager Marion Champion presented. The board had a discussion about water theft, covering everything from unauthorized fire hydrant use to meter tampering and theft by contractors or individuals. Right now, the district's fines are $300 for a first offense and $450 for a second, but staff explained that they usually give a warning before issuing fines. Compared to neighboring water agencies, our fines are on the lower end. A big challenge with enforcement is catching repeat offenders, getting timely police response, and figuring out who's responsible when theft happens.

There's also a push at the state level to crack down on fire hydrant tampering, especially by water haulers. ACWA is backing a bill to raise fines to $2,500 for a first offense, $5,000 for a second, and $10,000 for a third—charged per incident, not per year. The board discussed whether fines should be adjusted, possibly with different penalties for contractors, homeowners, and unhoused individuals.

Another concern was making sure fines are high enough to be included in court-ordered restitution, so the district actually gets reimbursed. Hydrant theft was also a major issue, costing $3,000 to $5,000 each time one is stolen or damaged.

The board agreed that a public awareness campaign could help, reminding residents that water theft affects everyone and can even put fire safety at risk. Staff will look into the legal limits on fines, how to improve enforcement, and ways to work with law enforcement to make penalties more effective. They'll bring back recommendations at a future meeting.

POLICY CHANGES
Assistant General Manager Marion Champion presented. The board received an update on a few policies in the works, an AI Policy and an Objection Process for Water and Sewer Fees—are set to be discussed at this month's study session, while updates to procurement policies (like check signing and requests) should be ready by March.

The new objection process ties into Prop 218 and is meant to make things more transparent. It allows the public to formally challenge rate changes during the review period so concerns can be addressed upfront. To make this official, the board will need to adopt an ordinance.

The AI Policy is being implemented to ensure staff uses AI responsibly. It covers things like protecting confidential info, following legal guidelines, and ensuring AI is used as a tool—not replacing human decision-making. Staff will also get some training on best practices.

AFFILIATION LIST
Assistant General Manager Marion Champion presented. The board reviewed the Strategic Plan and how it aligns with various affiliations. A key focus was ensuring these affiliations bring value to the district and tie back to the agency's goals, such as building positive relationships with government and industry professionals, staying informed on legislation, and bringing back best practices.

A discussion followed about the importance of board members attending local events, even when not compensated, to stay engaged with the community. Some members expressed concerns about certain affiliations, questioning their relevance and whether they should remain on the list. Others emphasized the importance of networking and relationship-building, even if some events don't have immediate, tangible benefits.

The conversation also touched on restrictions placed last year on attending certain events outside the Coachella Valley. Some members felt this was limiting valuable opportunities, while others wanted to ensure travel expenses were justified.

The Board acknowledged the need for ongoing discussion.

COMMITTEE SCHEDULE
Assistant General Manager Marion Champion presented. The board discussed the topic of committee meetings and the need to ensure they meet regularly. The approved committees include the Executive, Engineering, Finance, Human Relations, and Public Affairs committees. The Public Affairs Committee meets most frequently, especially for customer disputes, while the Human Relations Committee typically meets at least once a year.

General Manager Macy and staff reviewed the schedule for the next few months and identified potential dates for committee meetings. Board members were asked to coordinate with their committee partners and provide staff with their availability within the next couple of weeks. Proper scheduling and preparation are required since these meetings are subject to the Brown Act.

GENERAL MANAGER'S COMMENTS
No comments.

DIRECTOR COMMENTS AND REQUESTS FOR FUTURE AGENDA ITEMS
1. General Comments
2. Requests for Future Agenda Items
3. Requests for Future Meetings

Director Martin appreciated the detailed information provided during the meeting and was glad to see in-depth discussions on water district matters. He encouraged everyone to keep up the good work.

Director Mayrhofen felt the meeting was productive despite disagreements and appreciated that everyone remained positive and respectful.

Director Duff appreciated the workshop and the valuable information shared. She also requested that policy updates include reviewing the technology provided to Board Members in collaboration with IT.

Vice President Griffith acknowledged past disagreements with Director Mayrhofen but emphasized mutual respect and appreciation for his input. He expressed gratitude for Director Mayrhofen's thoughtful contributions, even when they don't always see eye to eye, and appreciated their ability to maintain a positive relationship.

President Sewell emphasized the importance of open discussions, even if they are uncomfortable, and expressed appreciation for everyone's opinions and ideas. He acknowledged differing views on the Affiliates list but stressed that it is secondary to the board's main role, which involves attending multiple meetings each month. Sewell reassured members that their primary responsibility is the decisions made during these meetings and thanked them for their contributions, looking forward to future collaborations.

ADJOURN
With no further business, President Sewell adjourned the meeting at 10:45 AM

Respectfully submitted,

Dori Petee
Executive Assistant

BOARD OF DIRECTORS REGULAR MEETING STUDY SESSION MINUTES

Thursday, February 13, 2025 at 3:00 PM

66575 Second St, Desert Hot Springs, CA AND/OR Via Teleconference

CALL TO ORDER
President Sewell called the meeting to order at 3:00 PM

ROLL CALL
BOARD MEMBERS PRESENT: President Ivan Sewell, Vice President Robert Griffith, Director Russ Martin, Director Amber Duff, Director Ted Mayrhofen

STAFF MEMBERS PRESENT: Brian Macy, Marion Champion, Kurt Kettenacker, Danny Friend, Eric Weck, Oriana Hoffert, Amanda Lucas, Arthur Caprera, April Scott, Claudia Lopez, David Barraza, Theresa Murphy, Will Whitten, Dori Petee

RULES OF PROCEDURE
Rules of Procedure were read by General Counsel John Pinkney.
All noticed meetings are conducted using Rosenberg's Rules of Order as a procedural guideline. Directors should refrain from responding directly to public comments at meetings of the Board. The Board President will refer matters raised during public comment to the General Manager for follow-up when appropriate. Occasionally, a prompt response may be offered when an obvious answer resolution is available provided this is done in compliance with the Brown Act. Directors should refrain from debating or making decisions in response to public comments. The President of the Board presides at all meetings and decides all points of order and procedure during meetings. The President is responsible for maintenance and decorum at all Board meetings. No person shall be allowed to speak who has not first been recognized by the President. All questions and remarks should be addressed to the President as the presiding officer. No member of the Board should speak more than once about any one subject until every other member on the Board wishing to speak on the subject shall have been given the opportunity to speak. No Board member shall interfere with the orderly progress of a Board meeting. In order to ensure the orderly progress of Board meetings the Board President regulates the amount of time to be dedicated to a particular agenda item."

PUBLIC INPUT
No public input

President Sewell announced a change in the order of the agenda. The following discussion items will be addressed now.

DISCUSSION ITEMS

DWA ~ MISSION CREEK BASIN REPLENISHMENT ASSESSMENT CHARGE REPORT
Ester Sainz of Desert Water Agency (DWA) updated the Board on the Mission Creek Basin Replenishment Assessment Charge.
The discussion covered several key topics, including debt and the State Water Project, Table A-amounts and deliveries, area of benefit variances and credits, and Tropical Storm Hillary. Desert Water

Agency (DWA) does not have federal infrastructure debt but has state water project debt managed by the California Department of Water Resources (DWR). The 2025 statement of charges for DWA includes capital charges of approximately $6.9 million, minimum operation, maintenance, power, and replacement (OMNR) charges of $11 million, and variable OMNR charges of $5.6 million. DWA and other state water project contractors negotiated a contract extension from 2035 to 2085, allowing for continued operation, maintenance, and improvement of state water project facilities. The contract extension does not provide additional water allocation to DWA or Coachella Valley Water District (CVWD). DWA's current Table A allocation is 55,750 acre-feet per year.

The state water project tax is used for capital and minimum OMNR costs associated with the state water project and is collected proportionally to property value. The replenishment assessment charge funds DWA's groundwater replenishment program. Mission Springs Water District paid $18.5 million in replenishment assessment charges from 2002 to December 2024. Tropical Storm Hillary damaged DWA's Mission Creek recharge facilities, which were repaired at a cost of $34,0008. DWA resumed water deliveries on July 1, 2024, and brought the basins into balance by December 2024.

FEDERAL AFFAIRS UPDATE

Laura Morgan Kessler of Carpi and Clay presented a Federal Update to the Board. She began with an update from Washington, highlighting the recent activities since Donald Trump was sworn in as the 47th president of the United States. The Senate has been working quickly to confirm his cabinet secretaries and agency heads, with 11 confirmations to date, including the Department of Energy, the Department of the Interior, and the EPA. President Trump's first few days in office were marked by a flurry of executive actions, with 46 presidential actions issued on his first day alone. These actions focused on various issues, including the federal workforce, government modernization, energy, the environment, and immigration.

A significant topic discussed was the Trump Administration's attempt to freeze all grant and loan funding, which caused confusion and concern in Washington. The White House Office of Management and Budget issued a memo directing federal agencies to review grants and loans, leading to a temporary injunction blocking the proposed freeze. Despite the memo's recession, confusion persisted, resulting in legal actions and temporary orders.

The meeting also covered the upcoming fiscal year 2025 appropriations bills, with three options on the table to avoid a government shutdown: passing all 12 appropriations bills, another short-term continuing resolution, or a year-long continuing resolution. The discussion included the potential legal challenge to the Empowerment Control Act, which limits the president's ability to withhold or delay the expenditure of funds appropriated by Congress.

Lastly, budget reconciliation was addressed, explaining its significance in passing laws that impact the federal budget more quickly and with fewer obstacles.

EMPLOYEE RECOGNITION

HUMAN RESOURCES REPORT
This item will be fully recognized on Tuesday, February 18th.

ACTION ITEMS

PUBLIC HEARING ~ ORDINANCE 2025-01 ~ ESTABLISHING A PROCEDURE FOR PROPERTY OWNER OBJECTIONS TO PROPOSED WATER/SEWER FEES OR SPECIAL ASSESSMENTS
It is recommended that the Board of Directors adopt Ordinance No. 2025-01, establishing a procedure for property owner objections to proposed water/sewer fees of special assessments.

Assistant General Manager Marion Champion presented. This item will be a public hearing on Tuesday, and this presentation will be given again during that hearing. Ordinance 2025 -1 establishes the procedure for property owner objections to proposed water and sewer fees or special assessments. Ms. Champion provided an overview of the ordinance based on Assembly Bill 2257. This bill addresses the implementation of an objection procedure to the Proposition 218 process. Proposition 218 has been a source of uncertainty and legal challenges for agencies, and AB 2257 aims to provide a clear and defensible framework for water agencies to follow. The ordinance establishes a formal objection procedure parallels Proposition 218 protest hearings or special assessment ballots. The goal is to streamline the administrative process and reduce potential litigation costs. The six-step process includes adopting an ordinance, providing notice, collecting objections, preparing a document responding to objections, holding a public hearing, and adopting the rates. This process is modeled on the California Environmental Quality Act (CEQA) process. The timeline for this process has been vetted by other agencies and is designed to mitigate the risks associated with Proposition 218 lawsuits.

ADOPTION OF MSWD ARTIFICIAL INTELLIGENCE POLICY NO. 2025-01
It is recommended that the Board of Directors adopt the MSWD Artificial Intelligence Policy No. 2025-01.

Assistant General Manager Marion Champion presented the draft artificial intelligence (AI) policy. The policy aims to provide clear guidance for the ethical use of AI tools within MSWD, recognizing AI technology's rapid advancement and integration into daily functions. The policy seeks to enhance efficiency, foster innovation, and support decision-making processes while safeguarding the privacy of customers and employees. The key points of the policy include extending its application to all employees, contractors, and partners, defining prohibited uses of AI, and incorporating AI usage guidelines into contract templates. The policy emphasizes that AI should aid in decision-making rather than make decisions independently. The discussion also highlighted the importance of transparency, security, and responsible use of AI. The need for employee training was addressed.

AWARD OF CONTRACT TO BORDEN EXCAVATING INC. FOR GQPP AD-18 AREA D-3 SEWER CONSTRUCTION AND WATER LINE REPLACEMENT PROJECT AND CAPITAL BUDGET AUGMENTATION
It is recommended that the General Manager be authorized to award a contract for the GQPP AD-18 Area D-3 Sewer Construction and Water Line Replacement Project to the lowest responsible bidder,

Borden Excavating, Inc., in the amount of $5,252,252, plus a 10% contingency (total $5,777,477.20), augment the capital improvement budget amount to $1,820,622.20 for Job No. 11876, and to do all things necessary to complete the project, including but not limited to preparation and filing of a Notice of Exemption to comply with CEQA requirements.

General Manager Macy noted that the Board initially heard this discussion at the board workshop. Engineering Manager Eric Weck continued the presentation, focusing on the potential higher-than-anticipated bids compared to the engineer's estimate. The board discussed possibly reducing the project scope to certain streets if necessary. The project involves moving water mains from rear yard easements to the roadway to improve fire flow and reduce maintenance risks. The bids for the project came in higher than expected, leading to a detailed review of the costs and funding sources. The sewer and water utilities will be installed sequentially, with paving costs allocated to both projects. The total project cost is approximately $3.2 million, with a budget deficit of $871,0006. The board considered various funding options to cover the shortfall, including grants and connection fees. The discussion also touched on the potential impact on ratepayers and the need for a policy decision on subsidizing the project. The Board discussed and asked questions, addressing concerns about grant funding, project timing, and coordination with the city for code enforcement.

BOARD ACCEPTANCE OF A CONTRACT CHANGE ORDER WITH JF SHEA FOR THE CONSTRUCTION OF THE NANCY WRIGHT REGIONAL WASTEWATER RECLAMATION FACILITY

It is recommended that the General Manager be authorized to execute a contract change order with J.F. Shea Construction, Inc. for additional costs due to unforeseen tasks and field issues during construction of the Nancy Wright Regional Water Reclamation Facility in the amount of $1,698,569.00.

Steve Ledbetter of TKE presented this item. He began by discussing previous workshops and board meetings regarding the change order negotiations with the contractor. Staff met with the contractor to negotiate and reduce the change order, but the contractor was firm on their numbers. The construction management team, TKE, worked with the contractor to respond to the board's questions presented in a memo. The presentation covered various aspects, including the original and negotiated costs of change orders, the impact of sensitive species surveys, and the negotiation process for earthwork quantities and markups. The board discussed the importance of adhering to contract specifications and the challenges faced due to supply chain disruptions and adverse weather conditions. The meeting also highlighted the need for clear communication, transparency in handling change orders, and the importance of being fiscally responsible while protecting the community's interests.

DISCUSSION ITEMS

CRITICAL SERVICES CENTER AND ADMINISTRATION BUILDING UPDATE

GROUNDWATER PROTECTION PROGRAM UPDATE

CONSENT AGENDA

Consent agenda items are expected to be routine and non-controversial, to be acted upon by the Board at one time, without discussion. If a member would like an item to be handled separately, it will be removed from the Consent Agenda for separate action.

APPROVAL OF MINUTES
It is recommended to approve the minutes as follows:

January 14, 2025 - Special Meeting Workshop
January 16, 2025 - Study Session
January 21, 2025 - Board Meeting

REGISTER OF DEMANDS
The register of demands totaling $2,442,025.05

REPORTS

DIRECTOR'S REPORTS
All Director reports will be given on Tuesday.

GENERAL MANAGER'S REPORT
Included in this report are the following oral reports: Oral reports will be given on Tuesday.
A. Finance Report
B. Public Affairs Report

COMMENTS

DISTRICT COUNSEL COMMENTS
General Counsel announced another attorney would be appearing in his place at Tuesday's meeting, and the Board will convene into closed session.

DIRECTOR COMMENTS AND REQUESTS FOR FUTURE AGENDA ITEMS
1. General Comments
2. Requests for Future Agenda Items
3. Requests for Future Meetings

Director Mayrhofen asked Director Duff about her attendance at a CVCAN meeting where he is the alternate. She stated she did not attend because it was a networking event and not a meeting, and she did not think to ask the alternate to participate in that type of event. This sparked a discussion about who is assigned to what meeting and noted this needs to be discussed further. Director Mayrhofen pointed out he has been reviewing the meeting minutes and would like to discuss them with the Board Secretary (the General Manager).

President Sewell emphasized that every meeting includes a review of the consent agenda and any issues about minutes should be brought up during this time. Regarding the Affiliates list, he mentioned that it is clear and does not require further clarification. Additionally, he noted that no specific

clarification was provided about CVCAN meetings. He advised that you should inform your alternate if you cannot attend a meeting.

Director Martin noted he does not want to underestimate the value of meetings, whether they are networking events or meetings. He also noted that all Directors should report on meetings they attend whether they are paid for them or not.

ADJOURN
With no further business, President Sewell adjourned the meeting at 5:48 PM

Respectfully submitted,

Dori Petee
Executive Assistant

BOARD OF DIRECTORS REGULAR MEETING MINUTES

Tuesday, February 18, 2025 at 3:00 PM

66575 Second St, Desert Hot Springs, CA AND/OR Via Teleconference

CALL TO ORDER
President Sewell called the meeting to order at 3:00 PM

ROLL CALL
BOARD MEMBERS PRESENT: President Ivan Sewell, Vice President Robert Griffith, Director Russ Martin, Director Amber Duff, Director Ted Mayrhofen

STAFF MEMBERS PRESENT: Brian Macy, Marion Champion, Danny Friend, Eric Weck, Oriana Hoffert, April Scott, Amanda Lucas, Arthur Cabrera, Claudia Lopez, Theresa Murphy, Will Whitten, Kurt Kettenacker, Dori Petee

PLEDGE OF ALLEGIANCE
Led by Director Martin

RULES OF PROCEDURE
Rules of Procedure were read by General Counsel.
All noticed meetings are conducted using Rosenberg's Rules of Order as a procedural guideline. Directors should refrain from responding directly to public comments at meetings of the Board. The Board President will refer matters raised during public comment to the General Manager for follow-up when appropriate. Occasionally, a prompt response may be offered when an obvious answer resolution is available provided this is done in compliance with the Brown Act. Directors should refrain from debating or making decisions in response to public comments. The President of the Board presides at all meetings and decides all points of order and procedure during meetings. The President is responsible for maintenance and decorum at all Board meetings. No person shall be allowed to speak who has not first been recognized by the President. All questions and remarks should be addressed to the President as the presiding officer. No member of the Board should speak more than once about any one subject until every other member on the Board wishing to speak on the subject shall have been given the opportunity to speak. No Board member shall interfere with the orderly progress of a Board meeting. In order to ensure the orderly progress of Board meetings the Board President regulates the amount of time to be dedicated to a particular agenda item."

PUBLIC INPUT
No public input

EMPLOYEE RECOGNITION

HUMAN RESOURCES REPORT
The Board acknowledged the following employees:
NEW HIRES

John Kee	Field Operations Technician I

ANNIVERSARIES

Josiah Perez	Field Operations Technician I	1 Year
Eric Weck	Engineering Manager	3 Years
Adrian Perea	Field Operations Technician I	3 Years
Rita Huber	Accountant	7 Years
Oriana Hoffert	Human Resources Manager	8 Years
Chris Jacobson	Wastewater Treatment Plant Operator II	21 Years

CERTIFICATIONS/EDUCATIONAL ACCOMPLISHMENTS

Adrian Pera	Water Distribution Grade 2 (D2) Certification
William Whitten	Water Distribution Grade 2 (D2) Certification

ACTION ITEMS

PUBLIC HEARING ~ ORDINANCE 2025-01 ~ ESTABLISHING A PROCEDURE FOR PROPERTY OWNER OBJECTIONS TO PROPOSED WATER/SEWER FEES OR SPECIAL ASSESSMENTS

The Board of Directors adopted Ordinance No. 2025-01, establishing a procedure for property owner objections to proposed water/sewer fees of special assessments.

President Sewell opened the public hearing and called for the Secretaries report. Notice of Public Hearing was posted to the Desert Sun on January 31st and February 7th, there have been no comments or protests on this item.

Assistant General Manager Marion Champion gave the staff report outlining the Prop 218 bill AB 2257. Ms. Champion outlined the legislative background and procedural steps required under Prop 218 and AB 2257, emphasizing public participation and transparency. The process includes adopting the ordinance, issuing notices, collecting objections, responding to objections, and holding a public hearing before final adoption by the Board. No public comments were made during the hearing. The Board discussed the ordinance, highlighting its importance for transparency and minimizing litigation risks.

Motion made by President Sewell, Seconded by Vice President Griffith.
Voting Yea: President Sewell, Vice President Griffith, Director Martin, Director Duff
Voting Nay: Director Mayrhofen

ADOPTION OF MSWD ARTIFICIAL INTELLIGENCE POLICY NO. 2025-01

The Board of Directors adopted the MSWD Artificial Intelligence Policy No. 2025-01

Assistant General Manager Marion Champion presented a slight change to the policy based on input from the board at Thursday's study session. The change involved strengthening the language in Section D regarding the authorization to install AI software on district computers, addressing concerns from board members. The policy is expected to evolve over time, but this change is seen as a positive step forward, allowing the working group to develop the district's approach to AI further. The board members expressed their appreciation for the efforts made.

Motion made by Vice President Griffith, Seconded by Director Mayrhofen.
Voting Yea: President Sewell, Vice President Griffith, Director Martin, Director Duff, Director Mayrhofen

AWARD OF CONTRACT TO BORDEN EXCAVATING INC. FOR GQPP AD-18 AREA D-3 SEWER CONSTRUCTION AND WATER LINE REPLACEMENT PROJECT AND CAPITAL BUDGET AUGMENTATION
It is recommended that the General Manager be authorized to award a contract for the GQPP AD-18 Area D-3 Sewer Construction and Water Line Replacement Project to the lowest responsible bidder, Borden Excavating, Inc., in the amount of $5,252,252, plus a 10% contingency (total $5,777,477.20), augment the capital improvement budget amount to $1,820,622.20 for Job No. 11876, and to do all things necessary to complete the project, including but not limited to preparation and filing of a Notice of Exemption to comply with CEQA requirements.

General Manager Brian Macy noted the recommendation is to authorize the contract to the lowest responsible bidder, Bordon Excavating Incorporated, for the amount of $5,252,252 plus a 10% contingency. The capital improvement budget was to be augmented to $1,820,622.20 for job number 11876. Mr. Macy also mentioned the need to prepare and file a notice of exemption to comply with SQL requirements. However, due to the recent holiday and the need to address additional questions from the board, no action will be taken at this time. The plan is to bring the item back as a workshop discussion on March 11th and to answer any outstanding questions related to legalities and outreach to D3 residents. The board also discussed the potential expiration of a grant on March 31st and the possibility of applying it elsewhere.

BOARD ACCEPTANCE OF A CONTRACT CHANGE ORDER WITH JF SHEA FOR THE CONSTRUCTION OF THE NANCY WRIGHT REGIONAL WASTEWATER RECLAMATION FACILITY
The Board authorized the General Manager to execute a contract change order with J.F. Shea Construction, Inc. for additional costs due to unforeseen tasks and field issues during construction of the Nancy Wright Regional Water Reclamation Facility in the amount of $1,698,569.00.

The Board discussed responses to questions raised during previous sessions. A memo from TK addressing specific questions was provided to the Board and the public. Director Duff inquired about any changes in the $300,000 mark discussed with Mr. Torres, but Rafael Torres confirmed no changes. The project discussed is the largest ever undertaken by the district, and the board members appreciated the hard work involved.

Motion made by Director Martin, Seconded by Director Duff.
Voting Yea: President Sewell, Director Martin, Director Duff, Director Mayrhofen
Voting Nay: Vice President Griffith

DISCUSSION ITEMS

CRITICAL SERVICES CENTER AND ADMINISTRATION BUILDING UPDATE
General Manager Macy presented a quick update on two issues being resolved with the City and consultants. The first issue involves fire protection for the site, requiring the installation of a water line

down Park Lane. A meeting with the city discussed the potential development behind the library to ensure adequate fire protection, as the current 8-inch line is insufficient. The second issue pertains to negotiating a roadway easement from the school, which is required as part of the approval plan. The concern is that the easement should not halt the project if it is not obtained. The team is working closely with the city to ensure alignment. These are the last two items being addressed with the consultant, and updates will be provided as they are resolved.

GROUNDWATER PROTECTION PROGRAM UPDATE

Steve Leadbetter provided an update on the conveyance line and the commissioning of the wastewater treatment facility. He reported that the team has been diligently working with JF Shea at the treatment plant, preparing for the initial plant startup over the past month and a half. The conveyance line contractor, Downing Construction, has completed the final portions of the conveyance line and conducted tests on the sewer line. The pipeline work has been completed, tested, and is ready for operation. JF Shea has ensured that all aspects of the treatment plant are functioning correctly, and they have received approval from the regional board to transfer initial wastewater flows starting next Monday. This transfer will be from the Horton plant to the regional plant, marking the formal startup and operations at the regional plant. Steve mentioned that they will continue to collaborate closely with Mission Spring staff and the board as the process unfolds over the coming weeks.

DWA ~ MISSION CREEK BASIN REPLENISHMENT ASSESSMENT CHARGE REPORT

The report was given at the Thursday Study Session, nothing further to add.

FEDERAL AFFAIRS UPDATE

The report was given at the Thursday Study Session, nothing further to add.

CONSENT AGENDA

Motion made by Vice President Griffith, Seconded by Director Martin.

Voting Yea: President Sewell, Vice President Griffith, Director Martin, Director Duff, Director Mayrhofen

APPROVAL OF MINUTES

It is recommended to approve the minutes as follows:

January 14, 2025 - Special Meeting Workshop
January 16, 2025 - Study Session
January 21, 2025 - Board Meeting

REGISTER OF DEMANDS

The register of demands totaling $2,442,025.05

REPORTS

DIRECTOR'S REPORTS

Director Martin reported attending the following meetings and events: 1/9 DVBA Legislative Meeting, 1/17 ACWA Region 9 Tour and Board Meeting, 1/25 CORBS Awards Dinner, 1/29-1/31 CASA Conference, 1/4 Skyborne Tour, 1/16 Countywide Oversight Board Meeting, 1/21 DHS City Council Meeting, 1/27 Cabot's Museum Board Meeting.

Director Mayrhofen reported attending the following meetings and events: 1/17 ACWA Region 9 Tour and Board Meeting, 1/29-1/31 CASA Conference 1/4 Skyborne Tour.

Director Duff reported attending the following meetings and events: 1/9 CVAG ~ CVCC Meeting, 1/9 ACWA SGMA Meeting, 1/14 CVWD Board Meeting, 1/17 ACWA Region 9 Tour and Board Meeting, 1/22 San Gorgonio Pass Regional Water Alliance Meeting, 1/22 MLCC Septic to Sewer Meeting, 1/25 CORBS Dinner, 1/29-1/31 CASA Conference.

Vice President Griffith reported attending the following meetings and events: 1/7 DWA Board Meeting, 1/17 ACWA Region 9 Tour and Board Meeting, 1/30 CSDA Webinar.

President Sewell reported attending the following meetings and events: 1/29-1/31 CASA Conference.

GENERAL MANAGER'S REPORT

Included in this report are the following oral reports:
A. Finance Report
B. Public Affairs Report

Assistant General Manager Marion Champion presented the Public Affairs Report. The report included all the District's activities and a brief legislative update.

General Manager Brian Macy announced that the financial reports will resume in March. He addressed some questions about a property in our service area and the Coachillin project.

COMMENTS

DISTRICT COUNSEL COMMENTS

DIRECTOR COMMENTS AND REQUESTS FOR FUTURE AGENDA ITEMS

1. General Comments
2. Requests for Future Agenda Items
3. Requests for Future Meetings

Director Duff asked staff to review the assessment districts and provide the Board with an update on each one.

CLOSED SESSION

PUBLIC EMPLOYEE PERFORMANCE REVIEW
Pursuant to Govt Code 54957
Title: General Manager

CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION
Pursuant to Government Code Section 54956.9(d)(2) and/or (3). One potential case.

REPORT ON ACTION TAKEN DURING CLOSED SESSION
The Board met in closed session on the items listed above; there was no reportable action.

ADJOURN
With no further business, President Sewell adjourned the meeting at 5:30 PM

Respectfully submitted,

Dori Petee
Executive Assistant

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	INVOICE AMOUNT	OPERATING	CAPITAL	TOTAL
1004483	02-20-25	ACE CASH EXPRESS	CHECK REIMBURSEMENT	244.68	244.68		244.68
1004448	02-13-25	ACELA ORIANA HOFFERT	CONFERENCE REIMBURSEMENT	273.60	273.60		273.60
1004449	02-13-25	AECOM TECHNICAL SERVICES INC.	PROGRESS PAYMENT #5	5,317.50	0.00	5,317.50	5,317.50
99110671	02-11-25	AFLAC	JANUARY 2025 AFLAC DEDUCTIONS	1,879.84	1,879.84		1,879.84
1004469	02-14-25	ALEXIS RENDON JIMENEZ	ACCOUNT REFUND 13024 CALIENTE DR #B	46.51	46.51		46.51
1004416	02-05-25	ALTA LANGUAGE SERVICES INC	BILINGUAL TEST - R. RUVALCABA	58.00	58.00		58.00
1004417	02-05-25	AMBER DUFF	JANUARY MILEAGE REIMBURSEMENT	95.20	95.20		95.20
1004541	02-27-25	ANA GRANT	ACCOUNT REFUND SUNRISE DR	630.46	630.46		630.46
1004484	02-20-25	ANSAFONE CONTACT CENTERS	ANSWERING SERVICE	464.90	464.90		464.90
1004470	02-14-25	ARMAN ISAKHANIAN	ACCOUNT REFUND 65842 FLORA AVE	164.00	164.00		164.00
1004485	02-20-25	BABCOCK LABORATORIES, INC.	TOTAL N PACKAGE - EFFLUENT & PERC POND 1	250.18	1,604.98		1,604.98
			TOTAL N PACKAGE - EFFLUENT TESTING	105.28			
			TOTAL N PACKAGE - WELLS 1,2,3 & PERC PONDS	762.76			
			TOTAL N PACKAGE - DESERT CREST EFFLUENT	105.28			
			TOTAL N PACKAGE - CLARIFIER EFFLUENT	250.18			
			E COLI/TOTAL COL. TESTING - WELL #3	131.30			
1004511	02-27-25	BABCOCK LABORATORIES, INC.	HORTON WWTP BELT PRESS SLUDGE TESTING	1,611.50	1,611.50		1,611.50
1004418	02-05-25	BECK OIL, INC.	UNLEADED GASOLINE	4,500.60	6,901.34		6,901.34
			DIESEL FUEL	2,400.74			
1004542	02-27-25	BRIANA HOFFMAN	ACCOUNT REFUND 15714 AVE RAMADA	56.75	56.75		56.75
1004450	02-13-25	BRINKS INCORPORATED	MONTHLY SERVICE FEE - FLAT	331.28	652.56		652.56
			CASH IN TRANSIT - FEE	321.28			
1004512	02-27-25	BROWNSTEIN HYATT FARBER SCHRECK LLP	LEGAL SERVICES CONFIDENTIAL	2,175.00	2,175.00		2,175.00
99110686	02-12-25	CALIF PUBLIC EMPLOYEES RETIREMENT SYSTEM	PERS PPE 02.31.2025	37,603.23	37,603.23		37,603.23
1004451	02-13-25	CARPI & CLAY. INC	FEDERAL ADVOCACY JANUARY 2025	5,000.00	5,000.00		5,000.00
1004419	02-05-25	CASAMAR GROUP, LLC	LABOR COMPLIANCE SERVICES - DECEMBER 2024	1,047.84	713.38	334.46	1,047.84
1004452	02-13-25	CASEY DOLAN	DIGITAL ADVERTISING MGMT & CONSULTING	650.00	650.00		650.00
1004420	02-05-25	CITY OF DESERT HOT SPRINGS	UUT PAYABLE DECEMBER 2024	35,228.50	206,558.11		206,558.11
			JANUARY 24/25 PROPERTY TAX COLLECTION	171,329.61			
1004514	02-27-25	CITY OF DESERT HOT SPRINGS	ENCROACHMENT CITY PERMIT - 66415 1ST ST.	328.37	328.37		328.37
1004421	02-05-25	CORE & MAIN LP	1" COPPER TUBING 100 FT	5,538.35	23,312.19		23,312.19
			4" DI PIPE CL 350	2,754.47			
			CREDIT MEMO	-1,722.93			
			STEM NUTS FOR #J344 HYD	312.57			
			1" COPPER TUBING SOFT 100 FT	5,538.35			
			1" X CLOSE BR NIPPLE	269.38			
			1" FLARE X 1" MSN BALL AM STOP MUEL	1,648.58			
			1" SWING CHECK VALVE	4,486.71			
			1" SWING CHECK VALVE	4,486.71			
1004513	02-27-25	CORONA ENVIRONMENTAL CONSULTING LLC	CONSULTING SERVICES DEC. 2024	12,675.00	0.00	12,675.00	12,675.00
1004515	02-27-25	CUNNINGHAM & ASSOCIATES EQUIP. COMPANY I	REPLACEMENT VERTICAL AUGER SECTION	1,139.38	2,763.66		2,763.66
		NC.					
			REPLACEMENT BEARINGS & SHAFTS FOR AUGER	1,624.28			
1004516	02-27-25	CV STRATEGIES	STRATEGIC COMMUNICATIONS SERVICES: CALENDAR	4,818.75	4,818.75		4,818.75
1004486	02-20-25	CWEA	COLL. SYS. GRADE 2 RENEWAL - GREG C.	111.00	111.00		111.00
1004517	02-27-25	CWEA	COLLECTION SYSTEM GRADE 1 RENEWAL - MARK V.	106.00	217.00		217.00
			COLLECTION SYSTEM GRADE 2 RENEWAL - ANDY G.	111.00			
1004487	02-20-25	CYPRESS DENTAL ADMINISTRATORS	MARCH 2025 PREPAID DENTAL INSURANCE	4,962.28	4,962.28		4,962.28
1004471	02-14-25	DALTON STYVE	ACCOUNT REFUND 66472 FLORA AVE	40.45	40.45		40.45

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1004472	02-14-25	DANITRA ALEXANDER	ACCOUNT REFUND 15422 AVE MIROLA	51.38	51.38		51.38
1004490	02-20-25	DESERT PROMOTIONS	POLOS & JACKETS	278.40	278.40		278.40
1004489	02-20-25	DESERT URGENT CARE	PHYSICALS	225.00	225.00		225.00
1004488	02-20-25	DESERT VALLEY DISPOSAL, INC.	JANUARY SERVICE CORP YARD	825.34	1,391.81		1,391.81
			JANUARY SERVICE ADMIN BUILDING	566.47			
1004519	02-27-25	DESERT WATER AGENCY	DWA RAC FEES - ID-E SYSTEM	9,006.21	417,002.20		417,002.20
			DWA RAC FEES - MAIN SYSTEM	407,995.99			
1004473	02-14-25	DESTINY BACA CORTES	ACCOUNT REFUND 9751 PALM DR	49.92	49.92		49.92
1004543	02-27-25	DOMINICK SILVA	ACCOUNT REFUND 66271 6TH ST	41.98	41.98		41.98
1004520	02-27-25	E.H. WACHS	SUBMERSIBLE PUMP WDP3500	4,606.32	4,606.32		4,606.32
99110622	02-07-25	EFTPS-IRS PAYROLL TAX REMITTANCE	FED TAX PPE 01.31.2025	69,249.84	69,249.84		69,249.84
99110780	02-21-25	EFTPS-IRS PAYROLL TAX REMITTANCE	FED TAX DEP PPE 02.14.2025	58,193.25	58,193.25		58,193.25
PR020725	02-07-25	EMPLOYEE PAYROLL CHECKS		3,157.56	3,157.56		3,157.56
PR022125	02-21-25	EMPLOYEE PAYROLL CHECKS		0.00	0.00		0.00
1004453	02-13-25	ENTERPRISE FM TRUST	ENTERPRISE FLEET MANAGEMENT 02/2025	20,000.58	20,000.58		20,000.58
1004454	02-13-25	ENVIROGEN TECHNOLOGIES INC	WELL 26A URANIUM TREATMENT	4,132.53	4,132.53		4,132.53
1004422	02-05-25	FEDEX	WELLS FARGO OVERNIGHT FEE	55.94	55.94		55.94
1004491	02-20-25	FEDEX	WELLS FARGO OVERNIGHT FEE	55.19	55.19		55.19
1004544	02-27-25	FELIX QUINTERO	ACCOUNT REFUND 13665 QUINTA WAY	60.24	60.24		60.24
1004423	02-05-25	FERGUSON WATERWORKS #1083	6" CLA VAL REBUILD KITS	2,838.14	19,399.01		19,399.01
			4" X 2-1/2" JONES J-344HP FH HEAD W/ PLST	3,098.89			
			REPLACEMENT 6FT METER ANTENNAS	711.15			
			6" JONES JJ4060DPLL CI 6H HYD	7,175.24			
			1" FLARE X 1" MSN BALL AM STOP MUEL	1,478.87			
			1" CTS X 1" MSN AM STOP B24258-1	3,060.10			
			4" BLK90 ELL THRD X THRD	1,036.62			
			6" X 4" FLG 90 REDUCER				
1004521	02-27-25	FERGUSON WATERWORKS #1083	NEPTUNE 360 AMI ANNUAL MAINTENANCE	63,296.44	63,296.44		63,296.44
1004492	02-20-25	FLOW N CONTROL INC	DOS PALMAS LIFT STATION REPLACEMENT FLOATS	698.59	698.59		698.59
1004424	02-05-25	FORSHOCK	SCADA MONITORING 02/2025	220.00	220.00		220.00
1004545	02-27-25	FRANK LACHAPELLE	ACCOUNT REFUND 62534 N STARCROSS DR	77.51	77.51		77.51
1004510	02-27-25	GAFCON PM-CM LLC	PREVAILING LAW WAGE RESEARCH	58.20	58.20		58.20
1004518	02-27-25	GANNETT MEDIA CORP	ADVERTISEMENT FOR BIDS	2,963.80	0.00	2,963.80	2,963.80
1004474	02-14-25	GRANITE CONSTRUCTION INC.	ACCOUNT REFUND PIERSON BLVD AND WORSLEY RD	689.62	689.62		689.62
1004522	02-27-25	HOME DEPOT CREDIT SERVICES	HOME DEPOT CREDIT CARD	1,621.28	1,621.28		1,621.28
1004455	02-13-25	HUNSAKER & ASSOCIATES IRVINE, INC.	PP #5 WELL 35 DESIGN SERVICES	162.00	0.00	162.00	162.00
1004425	02-05-25	INFOSEND INC	NOVEMBER NEWSLETTER PRINT & INSERT FEE	1,321.81	1,321.81		1,321.81
1004456	02-13-25	INFOSEND INC	JANUARY BILLING SERVICES	9,509.51	9,509.51		9,509.51
1004523	02-27-25	INFOSEND INC	JANUARY 2025 NEWSLETTER INSERT	1,324.93	1,324.93		1,324.93
1004493	02-20-25	INTELESYS	IT SUBSCRIPTIONS	1,915.37	10,199.37		10,199.37
			IT MANAGED SERVICES AND HELPDESK	8,284.00			
1004524	02-27-25	IRIS GROUP HOLDINGS LLC DBA EVERON	ADMIN & CORP. YARD SECURITY ALARM	375.51	375.51		375.51
1004494	02-20-25	ISAAC LOPEZ	CDL EXAM REIMBURSEMENT - ISAAC L.	98.00	398.00		398.00
			BOOT REIMBURSEMENT - ISAAC L.	300.00			
1004525	02-27-25	J.F. SHEA CONSTRUCTION, INC.	PROGRESS PAYMENT #29	44,472.73	0.00	44,472.73	44,472.73
1004546	02-27-25	JAMES WHITE	ACCOUNT REFUND 64194 EAGLE MOUNTAIN AVE	77.01	77.01		77.01
1004547	02-27-25	JUAN GALLARDO	ACCOUNT REFUND 67576 SAN TOMAS ST	72.67	72.67		72.67
1004475	02-14-25	JULISSA QUINTANA	ACCOUNT REFUND 68275 CALLE LAS TIENDAS	69.08	69.08		69.08
1004476	02-14-25	KARLA MENDEZ	ACCOUNT REFUND 12970 BEECH AVE	19.66	19.66		19.66

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1004526	02-27-25	KILLER BEE PEST CONTROL	BEEHIVE REMOVAL - 13875 KAY RD.	100.00	100.00		100.00
1004426	02-05-25	LA ABUELITA BAKERY	REFUND SEWER INTERCEPTOR PERMIT	25.00	25.00		25.00
1004427	02-05-25	LEGEND PUMP & WELL SERVICE, INC.	PROGRESS PAYMENT #11	2,581.05	0.00	53,818.35	53,818.35
			PROGRESS PAYMENT #13	40,327.50			
			PROGRESS PAYMENT #12	10,909.80			
99110624	02-07-25	LINCOLN NATIONAL LIFE INS CO	DEF COMP PPE 01.31.2025	25,942.32	25,942.32		25,942.32
99110781	02-21-25	LINCOLN NATIONAL LIFE INS CO	DEF COMP PPE 02.14.2025	24,229.96	24,229.96		24,229.96
1004495	02-20-25	LORENZO JESSE SOTO	BOOT REIMBURSEMENT - LORENZO S.	127.61	127.61		127.61
1004428	02-05-25	LUBRICATION ENGINEERS	RESTOCK 8 5GAL PAILS MONOLIC OIL	1,661.27	1,661.27		1,661.27
1004477	02-14-25	LUKE KRIDER	ACCOUNT REFUND 68170 CALLE AZTECA	17.20	17.20		17.20
1004430	02-05-25	MANPOWER US INC.	STAFFING SERVICES - CUSTOMER SERVICE	1,513.20	1,513.20		1,513.20
1004457	02-13-25	MANPOWER US INC.	STAFFING SERVICES - CUSTOMER SERVICE	1,513.20	1,513.20		1,513.20
1004527	02-27-25	MANPOWER US INC.	STAFFING SERVICES - CUSTOMER SERVICE	1,513.20	2,909.13		2,909.13
			CREDIT BALANCE INVOICE # 39207129	-117.27			
			STAFFING SERVICES - CUSTOMER SERVICE	1,513.20			
1004548	02-27-25	MARTIN ESPINOZA	ACCOUNT REFUND 16200 VIA VISTA	82.00	82.00		82.00
1004431	02-05-25	MCMASTER-CARR	1" X CLOSE BR NIPPLE	89.19	89.19		89.19
1004528	02-27-25	MDN WATER MANAGEMENT SERVICES INC	JANUARY 2025 SERVICES	11,303.50	11,303.50		11,303.50
1004549	02-27-25	MICHAEL MCKEEHEN	ACCOUNT REFUND 15300 PALM DR #191	11.38	11.38		11.38
1004429	02-05-25	MISSION CONSULTING SERVICES	WATER & SEWER MASTERPLAN UPDATES	23,525.00	23,525.00		23,525.00
1004529	02-27-25	MOTION INDUSTRIES, INC.	RAS PUMP #1 MOTOR REPLACEMENT	2,501.34	2,501.34		2,501.34
1004458	02-13-25	MWH CONSTRUCTION INC	C&M INSPECTION SVCS DEC. 2024	4,531.00	0.00	7,092.00	7,092.00
			C&M INSPECTION SVCS NOV. 2024	2,561.00			
1004459	02-13-25	NOBEL SYSTEMS INC.	GIS DATA UPDATES	17,520.00	17,520.00		17,520.00
1004496	02-20-25	NOBEL SYSTEMS INC.	GVM ANNUAL SUBSCRIPTION	16,500.00	16,500.00		16,500.00
1004497	02-20-25	NORMAN A. TRAUB & ASSOCIATES	LEGAL SERVICES AND REPORT WRITING	13,262.54	19,207.54		19,207.54
			LEGAL SERVICES AND REPORT WRITING	5,945.00			
1004432	02-05-25	O'REILLY AUTOMOTIVE INC.	100 TUBES MULTI-PURPOSE GREASE	720.85	828.59		828.59
			5GAL GEARLUBE RESTOCK	107.74			
1004498	02-20-25	O'REILLY AUTOMOTIVE INC.	OIL CHANGE, REPLACEMENT SHOCKS UNIT #410	327.19	822.58		822.58
			SPRING COMPRESSOR FLEET MAINTENANCE	46.32			
			REPLACEMENT SHOCKS, BREAKPADS, OIL CHANGE	253.21			
			BREAK FLUID, OIL STOP LEAK	15.06			
			OIL CHANGE UNIT #439	70.19			
			RESTOCK WIPER FLUID, BREAK CLEANER	21.37			
			REPLACEMENT BATTERY UNIT #400	35.62			
			DRY LUBE FLEET MAINTENANCE	9.69			
			OIL CHANGE UNIT #419	43.93			
1004478	02-14-25	OFELIA AVILA	ACCOUNT REFUND 66011 FLORA AVE	65.00	65.00		65.00
1004499	02-20-25	OPENGOV INC	PROFESSIONAL SERVICES DEPLOYMENT	101,706.47	0.00	101,706.47	101,706.47
1004433	02-05-25	PALM SPRINGS MOTORS INC	BALANCE FOR WORK DONE UNIT #414	600.15	600.15		600.15
1004500	02-20-25	PALM SPRINGS MOTORS INC	ELECTRICAL REPAIR PARTS UNIT #409	773.26	773.26		773.26
1004530	02-27-25	PALM SPRINGS PEST CONTROL, INC.	PEST CONTROL SVCS. - ADMIN BUILDING	140.00	325.00		325.00
			PEST CONTROL SVCS. - CORP. YARD	115.00			
			PEST CONTROL SVCS. - ANNEX BUILDING	70.00			
1004502	02-20-25	PARKERS BUILDING SUPPLY	REPLACEMENT TOILET WAX RING	10.76	29.06		29.06
			2" SCH 40 PVC PIPE	18.30			
1004501	02-20-25	PARKHOUSE TIRE, INC	REPLACEMENT TIRES UNIT #395	608.43	1,166.55		1,166.55
			REPLACEMENT TRAILER TIRES UNIT #385/117	558.12			

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99110774	02-18-25	PAYMENTUS CORPORATION	JANUARY 2025 CREDIT CARD FEES	3,481.30	3,481.30		3,481.30
99110676	02-06-25	PAYNEARME MT, INC.	JANUARY 2025 PAYNEARME FEES	9,733.13	9,733.13		9,733.13
1004503	02-20-25	PLUMBERS DEPOT INC	REPLACEMENT 1" X 800' HOSE FOR GAPVAX	2,889.01	3,113.77		3,113.77
			REPLACEMENT ROLLER FOR JETTING HOSE	224.76			
1004531	02-27-25	PLUMBERS DEPOT INC	COLLECTIONS JETTING NOZZLE	4,550.50	4,550.50		4,550.50
1004532	02-27-25	POLYDYNE,INC.	2 TOTES POLYMER SLUDGE WASTING	8,464.71	8,464.71		8,464.71
1004434	02-05-25	PREMIER PROPERTY PRESERVATION LLC	DECEMBER CLEANING SERVICES	2,079.99	2,079.99		2,079.99
1004504	02-20-25	PROFORMA	RESTOCK INVENTORY SIGN OUT FORM	500.93	500.93		500.93
1004460	02-13-25	PROVOST & PRITCHARD ENGINEERING GROUP IN	PROGRESS PAYMENT #4	85.60	735.60		735.60
		C					
			PROGRESS PAYMENT #3	650.00			
1004505	02-20-25	QUADIENT FINANCE USA, INC.	LEASE - MARCH TO JUNE 2025	650.58	650.58		650.58
1004505	02-24-25	QUADIENT FINANCE USA, INC.	LEASE - MARCH TO JUNE 2025	-650.58	-650.58		-650.58
99110772	02-20-25	QUADIENT FINANCE USA, INC.	POSTAGE REPLENISHMENT	500.00	500.00		500.00
99110814	02-26-25	QUADIENT FINANCE USA, INC.	LEASE - MARCH TO JUNE 2025	650.58	650.58		650.58
1004533	02-27-25	RAFTELIS FINANCIAL CONSULTANTS, INC	PROFESSIONAL SERVICES JANUARY 2025	1,015.00	1,015.00		1,015.00
1004091	02-20-25	RAP FOUNDATION	TABLE SPONSOR - SENIOR INSPIRATION AWARDS	-750.00	-750.00		-750.00
1004534	02-27-25	RAP FOUNDATION	TABLE SPONSOR - SENIOR INSPIRATION AWARDS	750.00	750.00		750.00
1004435	02-05-25	RAY LOPEZ ASSOCIATES	LANDSCAPE INSPECTIONS & PLAN CHECKS 01/2025	3,587.50	3,587.50		3,587.50
1004506	02-20-25	RDO EQUIPMENT CO.	TELEHANDLER - NWRWRF	177,317.22	0.00	177,317.22	177,317.22
1004535	02-27-25	RINCON CONSULTANTS INC	CONSULTING SERVICES JULY 2024	7,190.25	10,310.50		10,310.50
			CONSULTING SERVICES NOV. 2024	1,888.75			
			CONSULTING SERVICES AUG. TO OCT. 2024	445.00			
			CONSULTING SERVICE DEC. 2024	786.50			
1004436	02-05-25	ROBERT G MODRICH	JANUARY 2025 UNIDATA MAINTENANCE	3,877.50	3,877.50		3,877.50
1004461	02-13-25	ROBERT GRIFFITH	REIMBURSEMENT - AIRFARE	748.66	1,186.61		1,186.61
			REIMBURSEMENT - AIRFARE	437.95			
1004550	02-27-25	ROGER GUILLEN	ACCOUNT REFUND 15300 PALM DR #72	82.00	82.00		82.00
1004437	02-05-25	RUSS MARTIN	JANUARY MILEAGE REIMBURSEMENT	214.90	214.90		214.90
1004551	02-27-25	SCOTT DUANE GARDNER	ACCOUNT REFUND 62671 S STARCROSS DR	63.15	63.15		63.15
1004552	02-27-25	SEBASTIAN CARLOS	ACCOUNT REFUND CHAPARRAL RD IN FRONT OF 13235	376.07	376.07		376.07
			CHAPARRAL RD				
1004479	02-14-25	SHAVARSH KHACHATRYAN	ACCOUNT REFUND 9605 VALENCIA DR	145.68	145.68		145.68
1004462	02-13-25	SLOVAK BARON EMPEY MURPHY & PINKNEY LLP	LEGAL SERVICES LABOR ISSUES	4,590.00	11,860.00		11,860.00
			LEGAL SERVICES RETAINER	6,500.00			
			LEGAL SERVICES OVER RETAINER	770.00			
1004463	02-13-25	SO CAL GAS	GAS BILL	129.01	129.01		129.01
1004438	02-05-25	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL	2,439.06	2,439.06		2,439.06
1004464	02-13-25	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL	2,771.67	126,507.29		126,507.29
			ELECTRIC BILL	123,735.62			
1004536	02-27-25	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL	3.35	34,820.03		34,820.03
			ELECTRIC BILL	2,114.23			
			ELECTRIC BILL	2,750.90			
			ELECTRIC BILL	2,771.56			
			ELECTRIC BILL	33.49			
			ELECTRIC BILL	27,146.50			
99110621	02-07-25	STATE OF CA EDD	STATE TAX PPE 01.31.2025	16,254.20	16,254.20		16,254.20
99110779	02-21-25	STATE OF CA EDD	STATE TAX PPE 02.14.2025	12,720.36	12,720.36		12,720.36
1004439	02-05-25	STATE WATER RES CONTROL BRD	WELL EXTRACTION - FY 23/24 - MAIN SYSTEM	400.00	400.00		400.00

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99110625	02-03-25	SUPERIOR PRINTING INC	CUSTOMER SERVICE SCANNER	1,168.65	1,168.65		1,168.65
1004480	02-14-25	SUSANA REYES	ACCOUNT REFUND 66640 SAN RAFAEL DR	25.67	25.67		25.67
1004537	02-27-25	SWRCB ACCOUNTING OFFICE	WATER SYSTEM FEES - WPSV	959.40	52,254.52		52,254.52
			WATER SYSTEM FEES - PSC	632.28			
			WATER SYSTEM FEES - MSWD SYSTEM	50,662.84			
1004481	02-14-25	TAMARA STONUM	ACCOUNT REFUND 11818 MORNING STAR DR	66.32	66.32		66.32
1004538	02-27-25	TEAM MOM CHARITIES INC	BLACK HISTORY FOOD DRIVE SPONSORSHIP	200.00	200.00		200.00
1004465	02-13-25	THE LAMAR COMPANIES	BILLBOARD RENEWAL	975.00	975.00		975.00
1004507	02-20-25	THE LINCOLN NATL. LIFE INS. CO.	MARCH 2025 PREPAID LIFE INSURANCE	3,743.82	3,743.82		3,743.82
1004440	02-05-25	THEODORE MAYRHOFEN	JANUARY MILEAGE REIMBURSEMENT	44.52	44.52		44.52
1004466	02-13-25	TKE ENGINEERING, INC	GENERAL ENGINEERING SERVICES 12/2024	9,232.50	29,702.50	65,171.30	94,873.80
			C&M INSPECTION VIENTO DEV. 12/2024	21,510.00			
			C&M SERVICES RANCHO DESCANSO	85.00			
			CONSULTANT DESIGN DECEMBER 2024	8,328.80			
			PROGRESS PAYMENT #49 - WELL 42	1,720.00			
			CONSULTANT DESIGN SVCS NOV. 2024	7,000.00			
			CONSULTANT DESIGN SVCS OCT. 2024	12,607.50			
			CONSULTANT DESIGN SVCS DEC. 2024	34,390.00			
1004482	02-14-25	TOM S. HALTON	ACCOUNT REFUND 64144 SHERMAN WAY	75.00	75.00		75.00
1004467	02-13-25	ULINE INC	SUPER GRIFTON WORK GLOVES - HORTON PLANT	174.61	174.61		174.61
1004508	02-20-25	ULINE INC	RESTOCK NITRIL BLK GLOVES	371.86	371.86		371.86
1004441	02-05-25	UNDERGROUND SERVICE ALERT	UNDERGROUND SERVICE ALERTS 02/2025	291.20	291.20		291.20
99110561	02-04-25	US BANK CORPORATE TRUST SERVICES	US BANK WIRE - AD #13	281,901.62	281,901.62		281,901.62
99110776	02-13-25	US BANK CORPORATE TRUST SERVICES	US BANK WIRE - AD #13	4,856.55	4,856.55		4,856.55
1004442	02-05-25	USA-FACT INC	BACKGROUND CHECK - S. RODRIGUEZ	20.33	20.33		20.33
1004553	02-27-25	USASIA INTERNATIONAL, LLC.	ACCOUNT REFUND 66865 JOSHUA CT	13.63	13.63		13.63
99110674	02-03-25	USDA RURAL DEVELOPMENT	USDA LOAN PAYMENT PRINCIPAL & INTEREST	13,877.00	13,877.00		13,877.00
1004443	02-05-25	VERIZON CONNECT FLEET USA LLC	GPS MONITORING FLEET 02/2025	554.54	554.54		554.54
1004444	02-05-25	VESTIS SERVICES INC	UNIFORM SERVICES 01.29.25	345.32	345.32		345.32
1004539	02-27-25	VESTIS SERVICES INC	UNIFORM SERVICES 02.12.25	736.59	1,612.60		1,612.60
			UNIFORM SERVICES 02.18.25	119.53			
			UNIFORM SERVICES 02.05.25	490.46			
			UNIFORM SERVICES 02.19.25	266.02			
1004509	02-20-25	WATERLINE TECHNOLOGIES INC.	4 DRUMS REFILLED	978.37	6,604.01		6,604.01
			5 DRUMS REFILLED	1,222.96			
			6 DRUMS REFILLED	1,467.56			
			6 DRUMS REFILLED	1,467.56			
			6 DRUMS REFILLED	1,467.56			
99110620	02-07-25	WELLS FARGO BANK	AUTO DEP PPE 01.31.25	160,305.34	160,305.34		160,305.34
99110668	02-03-25	WELLS FARGO BANK	JANUARY 2025 LOC INTEREST EXPENSE	14,812.50	14,812.50		14,812.50
99110771	02-20-25	WELLS FARGO BANK	AUTO DEP PPE 02.14.2025	135,134.62	135,134.62		135,134.62
1004445	02-05-25	WEST COAST SAFETY SUPPLY	GAS METER OXYGEN SENSOR	278.51	278.51		278.51
1004446	02-05-25	WEST COAST SAND AND GRAVEL INC.	RESTOCK TYPE II BASE MATERIAL	545.72	545.72		545.72
1004468	02-13-25	WEST YOST & ASSOCIATES, INC.	NITROGEN CONTROL STRATEGY NOV. - DEC. 2024	445.00	6,990.25		6,990.25
			NITROGEN CONTROL STRATEGY SEPT. - OCT. 2024	3,060.75			
			NITROGEN CONTROL STRATEGY OCT. - NOV. 2024	3,484.50			
1004447	02-05-25	WESTECH ENGINEERING LLC	REPLACEMENT SKIMMER BLADE FOR CLAR. 4 & 5	4,075.37	4,075.37		4,075.37
1004540	02-27-25	XYLEM DEWATERING SOLUTIONS INC	REMOTE ACCESS TRANSFER PUMP EQUIPMENT	3,817.54	3,817.54		3,817.54
1004554	02-27-25	ZOLARA LTD, INC.	ACCOUNT REFUND 66176 BUENA VISTA AVE	19.56	19.56		19.56

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	INVOICE AMOUNT	OPERATING	CAPITAL	TOTAL
			CURRENT CHECK TOTAL	2,600,995.9	2,129,965.1	471,030.8	2,600,995.9
TOTAL				2,600,995.99	2,129,965.16	471,030.83	2,600,995.99
162 records listed							

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	INVOICE AMOUNT	OPERATING	CAPITAL	TOTAL
1004091	02-20-25	RAP FOUNDATION	TABLE SPONSOR - SENIOR INSPIRATION AWARDS	-750.00	-750.00		-750.00
1004416	02-05-25	ALTA LANGUAGE SERVICES INC	BILINGUAL TEST - R. RUVALCABA	58.00	58.00		58.00
1004417	02-05-25	AMBER DUFF	JANUARY MILEAGE REIMBURSEMENT	95.20	95.20		95.20
1004418	02-05-25	BECK OIL, INC.	UNLEADED GASOLINE	4,500.60	6,901.34		6,901.34
			DIESEL FUEL	2,400.74			
1004419	02-05-25	CASAMAR GROUP, LLC	LABOR COMPLIANCE SERVICES - DECEMBER 2024	1,047.84	713.38	334.46	1,047.84
1004420	02-05-25	CITY OF DESERT HOT SPRINGS	UUT PAYABLE DECEMBER 2024	35,228.50	206,558.11		206,558.11
			JANUARY 24/25 PROPERTY TAX COLLECTION	171,329.61			
1004421	02-05-25	CORE & MAIN LP	1" COPPER TUBING 100 FT	5,538.35	23,312.19		23,312.19
			4" DI PIPE CL 350	2,754.47			
			CREDIT MEMO	-1,722.93			
			STEM NUTS FOR #J344 HYD	312.57			
			1" COPPER TUBING SOFT 100 FT	5,538.35			
			1" X CLOSE BR NIPPLE	269.38			
			1" FLARE X 1" MSN BALL AM STOP MUEL	1,648.58			
			1" SWING CHECK VALVE	4,486.71			
			1" SWING CHECK VALVE	4,486.71			
1004422	02-05-25	FEDEX	WELLS FARGO OVERNIGHT FEE	55.94	55.94		55.94
1004423	02-05-25	FERGUSON WATERWORKS #1083	6" CLA VAL REBUILD KITS	2,838.14	19,399.01		19,399.01
			4" X 2-1/2" JONES J-344HP FH HEAD W/ PLST	3,098.89			
			REPLACEMENT 6FT METER ANTENNAS	711.15			
			6" JONES JJ4060DPLL CI 6H HYD	7,175.24			
			1" FLARE X 1" MSN BALL AM STOP MUEL	1,478.87			
			1" CTS X 1" MSN AM STOP B24258-1	3,060.10			
			4" BLK90 ELL THRD X THRD	1,036.62			
			6" X 4" FLG 90 REDUCER				
1004424	02-05-25	FORSHOCK	SCADA MONITORING 02/2025	220.00	220.00		220.00
1004425	02-05-25	INFOSEND INC	NOVEMBER NEWSLETTER PRINT & INSERT FEE	1,321.81	1,321.81		1,321.81
1004426	02-05-25	LA ABUELITA BAKERY	REFUND SEWER INTERCEPTOR PERMIT	25.00	25.00		25.00
1004427	02-05-25	LEGEND PUMP & WELL SERVICE, INC.	PROGRESS PAYMENT #11	2,581.05	0.00	53,818.35	53,818.35
			PROGRESS PAYMENT #13	40,327.50			
			PROGRESS PAYMENT #12	10,909.80			
1004428	02-05-25	LUBRICATION ENGINEERS	RESTOCK 8 5GAL PAILS MONOLIC OIL	1,661.27	1,661.27		1,661.27
1004429	02-05-25	MISSION CONSULTING SERVICES	WATER & SEWER MASTERPLAN UPDATES	23,525.00	23,525.00		23,525.00
1004430	02-05-25	MANPOWER US INC.	STAFFING SERVICES - CUSTOMER SERVICE	1,513.20	1,513.20		1,513.20
1004431	02-05-25	MCMASTER-CARR	1" X CLOSE BR NIPPLE	89.19	89.19		89.19
1004432	02-05-25	O'REILLY AUTOMOTIVE INC.	100 TUBES MULTI-PURPOSE GREASE	720.85	828.59		828.59
			5GAL GEARLUBE RESTOCK	107.74			
1004433	02-05-25	PALM SPRINGS MOTORS INC	BALANCE FOR WORK DONE UNIT #414	600.15	600.15		600.15
1004434	02-05-25	PREMIER PROPERTY PRESERVATION LLC	DECEMBER CLEANING SERVICES	2,079.99	2,079.99		2,079.99
1004435	02-05-25	RAY LOPEZ ASSOCIATES	LANDSCAPE INSPECTIONS & PLAN CHECKS 01/2025	3,587.50	3,587.50		3,587.50
1004436	02-05-25	ROBERT G MODRICH	JANUARY 2025 UNIDATA MAINTENANCE	3,877.50	3,877.50		3,877.50
1004437	02-05-25	RUSS MARTIN	JANUARY MILEAGE REIMBURSEMENT	214.90	214.90		214.90
1004438	02-05-25	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL	2,439.06	2,439.06		2,439.06
1004439	02-05-25	STATE WATER RES CONTROL BRD	WELL EXTRACTION - FY 23/24 - MAIN SYSTEM	400.00	400.00		400.00
1004440	02-05-25	THEODORE MAYRHOFEN	JANUARY MILEAGE REIMBURSEMENT	44.52	44.52		44.52
1004441	02-05-25	UNDERGROUND SERVICE ALERT	UNDERGROUND SERVICE ALERTS 02/2025	291.20	291.20		291.20
1004442	02-05-25	USA-FACT INC	BACKGROUND CHECK - S. RODRIGUEZ	20.33	20.33		20.33

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1004443	02-05-25	VERIZON CONNECT FLEET USA LLC	GPS MONITORING FLEET 02/2025	554.54	554.54		554.54
1004444	02-05-25	VESTIS SERVICES INC	UNIFORM SERVICES 01.29.25	345.32	345.32		345.32
1004445	02-05-25	WEST COAST SAFETY SUPPLY	GAS METER OXYGEN SENSOR	278.51	278.51		278.51
1004446	02-05-25	WEST COAST SAND AND GRAVEL INC.	RESTOCK TYPE II BASE MATERIAL	545.72	545.72		545.72
1004447	02-05-25	WESTECH ENGINEERING LLC	REPLACEMENT SKIMMER BLADE FOR CLAR. 4 & 5	4,075.37	4,075.37		4,075.37
1004448	02-13-25	ACELA ORIANA HOFFERT	CONFERENCE REIMBURSEMENT	273.60	273.60		273.60
1004449	02-13-25	AECOM TECHNICAL SERVICES INC.	PROGRESS PAYMENT #5	5,317.50	0.00	5,317.50	5,317.50
1004450	02-13-25	BRINKS INCORPORATED	MONTHLY SERVICE FEE - FLAT	331.28	652.56		652.56
			CASH IN TRANSIT - FEE	321.28			
1004451	02-13-25	CARPI & CLAY. INC	FEDERAL ADVOCACY JANUARY 2025	5,000.00	5,000.00		5,000.00
1004452	02-13-25	CASEY DOLAN	DIGITAL ADVERTISING MGMT & CONSULTING	650.00	650.00		650.00
1004453	02-13-25	ENTERPRISE FM TRUST	ENTERPRISE FLEET MANAGEMENT 02/2025	20,000.58	20,000.58		20,000.58
1004454	02-13-25	ENVIROGEN TECHNOLOGIES INC	WELL 26A URANIUM TREATMENT	4,132.53	4,132.53		4,132.53
1004455	02-13-25	HUNSAKER & ASSOCIATES IRVINE, INC.	PP #5 WELL 35 DESIGN SERVICES	162.00	0.00	162.00	162.00
1004456	02-13-25	INFOSEND INC	JANUARY BILLING SERVICES	9,509.51	9,509.51		9,509.51
1004457	02-13-25	MANPOWER US INC.	STAFFING SERVICES - CUSTOMER SERVICE	1,513.20	1,513.20		1,513.20
1004458	02-13-25	MWH CONSTRUCTION INC	C&M INSPECTION SVCS DEC. 2024	4,531.00	0.00	7,092.00	7,092.00
			C&M INSPECTION SVCS NOV. 2024	2,561.00			
1004459	02-13-25	NOBEL SYSTEMS INC.	GIS DATA UPDATES	17,520.00	17,520.00		17,520.00
1004460	02-13-25	PROVOST & PRITCHARD ENGINEERING GROUP IN	PROGRESS PAYMENT #4	85.60	735.60		735.60
		C					
			PROGRESS PAYMENT #3	650.00			
1004461	02-13-25	ROBERT GRIFFITH	REIMBURSEMENT - AIRFARE	748.66	1,186.61		1,186.61
			REIMBURSEMENT - AIRFARE	437.95			
1004462	02-13-25	SLOVAK BARON EMPEY MURPHY & PINKNEY LLP	LEGAL SERVICES LABOR ISSUES	4,590.00	11,860.00		11,860.00
			LEGAL SERVICES RETAINER	6,500.00			
			LEGAL SERVICES OVER RETAINER	770.00			
1004463	02-13-25	SO CAL GAS	GAS BILL	129.01	129.01		129.01
1004464	02-13-25	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL	2,771.67	126,507.29		126,507.29
			ELECTRIC BILL	123,735.62			
1004465	02-13-25	THE LAMAR COMPANIES	BILLBOARD RENEWAL	975.00	975.00		975.00
1004466	02-13-25	TKE ENGINEERING, INC	GENERAL ENGINEERING SERVICES 12/2024	9,232.50	29,702.50	65,171.30	94,873.80
			C&M INSPECTION VIENTO DEV. 12/2024	21,510.00			
			C&M SERVICES RANCHO DESCANSO	85.00			
			CONSULTANT DESIGN DECEMBER 2024	8,328.80			
			PROGRESS PAYMENT #49 - WELL 42	1,720.00			
			CONSULTANT DESIGN SVCS NOV. 2024	7,000.00			
			CONSULTANT DESIGN SVCS OCT. 2024	12,607.50			
			CONSULTANT DESIGN SVCS DEC. 2024	34,390.00			
1004467	02-13-25	ULINE INC	SUPER GRIFTON WORK GLOVES - HORTON PLANT	174.61	174.61		174.61
1004468	02-13-25	WEST YOST & ASSOCIATES, INC.	NITROGEN CONTROL STRATEGY NOV. - DEC. 2024	445.00	6,990.25		6,990.25
			NITROGEN CONTROL STRATEGY SEPT. - OCT. 2024	3,060.75			
			NITROGEN CONTROL STRATEGY OCT. - NOV. 2024	3,484.50			
1004469	02-14-25	ALEXIS RENDON JIMENEZ	ACCOUNT REFUND 13024 CALIENTE DR #B	46.51	46.51		46.51
1004470	02-14-25	ARMAN ISAKHANIAN	ACCOUNT REFUND 65842 FLORA AVE	164.00	164.00		164.00
1004471	02-14-25	DALTON STYVE	ACCOUNT REFUND 66472 FLORA AVE	40.45	40.45		40.45
1004472	02-14-25	DANITRA ALEXANDER	ACCOUNT REFUND 15422 AVE MIROLA	51.38	51.38		51.38
1004473	02-14-25	DESTINY BACA CORTES	ACCOUNT REFUND 9751 PALM DR	49.92	49.92		49.92

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1004474	02-14-25	GRANITE CONSTRUCTION INC.	ACCOUNT REFUND PIERSON BLVD AND WORSLEY RD	689.62	689.62		689.62
1004475	02-14-25	JULISSA QUINTANA	ACCOUNT REFUND 68275 CALLE LAS TIENDAS	69.08	69.08		69.08
1004476	02-14-25	KARLA MENDEZ	ACCOUNT REFUND 12970 BEECH AVE	19.66	19.66		19.66
1004477	02-14-25	LUKE KRIDER	ACCOUNT REFUND 68170 CALLE AZTECA	17.20	17.20		17.20
1004478	02-14-25	OFELIA AVILA	ACCOUNT REFUND 66011 FLORA AVE	65.00	65.00		65.00
1004479	02-14-25	SHAVARSH KHACHATRYAN	ACCOUNT REFUND 9605 VALENCIA DR	145.68	145.68		145.68
1004480	02-14-25	SUSANA REYES	ACCOUNT REFUND 66640 SAN RAFAEL DR	25.67	25.67		25.67
1004481	02-14-25	TAMARA STONUM	ACCOUNT REFUND 11818 MORNING STAR DR	66.32	66.32		66.32
1004482	02-14-25	TOM S. HALTON	ACCOUNT REFUND 64144 SHERMAN WAY	75.00	75.00		75.00
1004483	02-20-25	ACE CASH EXPRESS	CHECK REIMBURSEMENT	244.68	244.68		244.68
1004484	02-20-25	ANSAFONE CONTACT CENTERS	ANSWERING SERVICE	464.90	464.90		464.90
1004485	02-20-25	BABCOCK LABORATORIES, INC.	TOTAL N PACKAGE - EFFLUENT & PERC POND 1	250.18	1,604.98		1,604.98
			TOTAL N PACKAGE - EFFLUENT TESTING	105.28			
			TOTAL N PACKAGE - WELLS 1,2,3 & PERC PONDS	762.76			
			TOTAL N PACKAGE - DESERT CREST EFFLUENT	105.28			
			TOTAL N PACKAGE - CLARIFIER EFFLUENT	250.18			
			E COLI/TOTAL COL. TESTING - WELL #3	131.30			
1004486	02-20-25	CWEA	COLL. SYS. GRADE 2 RENEWAL - GREG C.	111.00	111.00		111.00
1004487	02-20-25	CYPRESS DENTAL ADMINISTRATORS	MARCH 2025 PREPAID DENTAL INSURANCE	4,962.28	4,962.28		4,962.28
1004488	02-20-25	DESERT VALLEY DISPOSAL, INC.	JANUARY SERVICE CORP YARD	825.34	1,391.81		1,391.81
			JANUARY SERVICE ADMIN BUILDING	566.47			
1004489	02-20-25	DESERT URGENT CARE	PHYSICALS	225.00	225.00		225.00
1004490	02-20-25	DESERT PROMOTIONS	POLOS & JACKETS	278.40	278.40		278.40
1004491	02-20-25	FEDEX	WELLS FARGO OVERNIGHT FEE	55.19	55.19		55.19
1004492	02-20-25	FLOW N CONTROL INC	DOS PALMAS LIFT STATION REPLACEMENT FLOATS	698.59	698.59		698.59
1004493	02-20-25	INTELESYS	IT SUBSCRIPTIONS	1,915.37	10,199.37		10,199.37
			IT MANAGED SERVICES AND HELPDESK	8,284.00			
1004494	02-20-25	ISAAC LOPEZ	CDL EXAM REIMBURSEMENT - ISAAC L.	98.00	398.00		398.00
			BOOT REIMBURSEMENT - ISAAC L.	300.00			
1004495	02-20-25	LORENZO JESSE SOTO	BOOT REIMBURSEMENT - LORENZO S.	127.61	127.61		127.61
1004496	02-20-25	NOBEL SYSTEMS INC.	GVM ANNUAL SUBSCRIPTION	16,500.00	16,500.00		16,500.00
1004497	02-20-25	NORMAN A. TRAUB & ASSOCIATES	LEGAL SERVICES AND REPORT WRITING	13,262.54	19,207.54		19,207.54
			LEGAL SERVICES AND REPORT WRITING	5,945.00			
1004498	02-20-25	O'REILLY AUTOMOTIVE INC.	OIL CHANGE, REPLACEMENT SHOCKS UNIT #410	327.19	822.58		822.58
			SPRING COMPRESSOR FLEET MAINTENANCE	46.32			
			REPLACEMENT SHOCKS, BREAKPADS, OIL CHANGE	253.21			
			BREAK FLUID, OIL STOP LEAK	15.06			
			OIL CHANGE UNIT #439	70.19			
			RESTOCK WIPER FLUID, BREAK CLEANER	21.37			
			REPLACEMENT BATTERY UNIT #400	35.62			
			DRY LUBE FLEET MAINTENANCE	9.69			
			OIL CHANGE UNIT #419	43.93			
1004499	02-20-25	OPENGOV INC	PROFESSIONAL SERVICES DEPLOYMENT	101,706.47	0.00	101,706.47	101,706.47
1004500	02-20-25	PALM SPRINGS MOTORS INC	ELECTRICAL REPAIR PARTS UNIT #409	773.26	773.26		773.26
1004501	02-20-25	PARKHOUSE TIRE, INC	REPLACEMENT TIRES UNIT #395	608.43	1,166.55		1,166.55
			REPLACEMENT TRAILER TIRES UNIT #385/117	558.12			
1004502	02-20-25	PARKERS BUILDING SUPPLY	REPLACEMENT TOILET WAX RING	10.76	29.06		29.06
			2" SCH 40 PVC PIPE	18.30			

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1004503	02-20-25	PLUMBERS DEPOT INC	REPLACEMENT 1" X 800' HOSE FOR GAPVAX	2,889.01	3,113.77		3,113.77
			REPLACEMENT ROLLER FOR JETTING HOSE	224.76			
1004504	02-20-25	PROFORMA	RESTOCK INVENTORY SIGN OUT FORM	500.93	500.93		500.93
1004505	02-20-25	QUADIENT FINANCE USA, INC.	LEASE - MARCH TO JUNE 2025	650.58	650.58		650.58
1004505	02-24-25	QUADIENT FINANCE USA, INC.	LEASE - MARCH TO JUNE 2025	-650.58	-650.58		-650.58
1004506	02-20-25	RDO EQUIPMENT CO.	TELEHANDLER - NWRWRF	177,317.22	0.00	177,317.22	177,317.22
1004507	02-20-25	THE LINCOLN NATL. LIFE INS. CO.	MARCH 2025 PREPAID LIFE INSURANCE	3,743.82	3,743.82		3,743.82
1004508	02-20-25	ULINE INC	RESTOCK NITRIL BLK GLOVES	371.86	371.86		371.86
1004509	02-20-25	WATERLINE TECHNOLOGIES INC.	4 DRUMS REFILLED	978.37	6,604.01		6,604.01
			5 DRUMS REFILLED	1,222.96			
			6 DRUMS REFILLED	1,467.56			
			6 DRUMS REFILLED	1,467.56			
			6 DRUMS REFILLED	1,467.56			
1004510	02-27-25	GAFCON PM-CM LLC	PREVAILING LAW WAGE RESEARCH	58.20	58.20		58.20
1004511	02-27-25	BABCOCK LABORATORIES, INC.	HORTON WWTP BELT PRESS SLUDGE TESTING	1,611.50	1,611.50		1,611.50
1004512	02-27-25	BROWNSTEIN HYATT FARBER SCHRECK LLP	LEGAL SERVICES CONFIDENTIAL	2,175.00	2,175.00		2,175.00
1004513	02-27-25	CORONA ENVIRONMENTAL CONSULTING LLC	CONSULTING SERVICES DEC. 2024	12,675.00	0.00	12,675.00	12,675.00
1004514	02-27-25	CITY OF DESERT HOT SPRINGS	ENCROACHMENT CITY PERMIT - 66415 1ST ST.	328.37	328.37		328.37
1004515	02-27-25	CUNNINGHAM & ASSOCIATES EQUIP. COMPANY I	REPLACEMENT VERTICAL AUGER SECTION	1,139.38	2,763.66		2,763.66
		NC.					
			REPLACEMENT BEARINGS & SHAFTS FOR AUGER	1,624.28			
1004516	02-27-25	CV STRATEGIES	STRATEGIC COMMUNICATIONS SERVICES: CALENDAR	4,818.75	4,818.75		4,818.75
1004517	02-27-25	CWEA	COLLECTION SYSTEM GRADE 1 RENEWAL - MARK V.	106.00	217.00		217.00
			COLLECTION SYSTEM GRADE 2 RENEWAL - ANDY G.	111.00			
1004518	02-27-25	GANNETT MEDIA CORP	ADVERTISEMENT FOR BIDS	2,963.80	0.00	2,963.80	2,963.80
1004519	02-27-25	DESERT WATER AGENCY	DWA RAC FEES - ID-E SYSTEM	9,006.21	417,002.20		417,002.20
			DWA RAC FEES - MAIN SYSTEM	407,995.99			
1004520	02-27-25	E.H. WACHS	SUBMERSIBLE PUMP WDP3500	4,606.32	4,606.32		4,606.32
1004521	02-27-25	FERGUSON WATERWORKS #1083	NEPTUNE 360 AMI ANNUAL MAINTENANCE	63,296.44	63,296.44		63,296.44
1004522	02-27-25	HOME DEPOT CREDIT SERVICES	HOME DEPOT CREDIT CARD	1,621.28	1,621.28		1,621.28
1004523	02-27-25	INFOSEND INC	JANUARY 2025 NEWSLETTER INSERT	1,324.93	1,324.93		1,324.93
1004524	02-27-25	IRIS GROUP HOLDINGS LLC DBA EVERON	ADMIN & CORP. YARD SECURITY ALARM	375.51	375.51		375.51
1004525	02-27-25	J.F. SHEA CONSTRUCTION, INC.	PROGRESS PAYMENT #29	44,472.73	0.00	44,472.73	44,472.73
1004526	02-27-25	KILLER BEE PEST CONTROL	BEEHIVE REMOVAL - 13875 KAY RD.	100.00	100.00		100.00
1004527	02-27-25	MANPOWER US INC.	STAFFING SERVICES - CUSTOMER SERVICE	1,513.20	2,909.13		2,909.13
			CREDIT BALANCE INVOICE # 39207129	-117.27			
			STAFFING SERVICES - CUSTOMER SERVICE	1,513.20			
1004528	02-27-25	MDN WATER MANAGEMENT SERVICES INC	JANUARY 2025 SERVICES	11,303.50	11,303.50		11,303.50
1004529	02-27-25	MOTION INDUSTRIES, INC.	RAS PUMP #1 MOTOR REPLACEMENT	2,501.34	2,501.34		2,501.34
1004530	02-27-25	PALM SPRINGS PEST CONTROL, INC.	PEST CONTROL SVCS. - ADMIN BUILDING	140.00	325.00		325.00
			PEST CONTROL SVCS. - CORP. YARD	115.00			
			PEST CONTROL SVCS. - ANNEX BUILDING	70.00			
1004531	02-27-25	PLUMBERS DEPOT INC	COLLECTIONS JETTING NOZZLE	4,550.50	4,550.50		4,550.50
1004532	02-27-25	POLYDYNE,INC.	2 TOTES POLYMER SLUDGE WASTING	8,464.71	8,464.71		8,464.71
1004533	02-27-25	RAFTELIS FINANCIAL CONSULTANTS, INC	PROFESSIONAL SERVICES JANUARY 2025	1,015.00	1,015.00		1,015.00
1004534	02-27-25	RAP FOUNDATION	TABLE SPONSOR - SENIOR INSPIRATION AWARDS	750.00	750.00		750.00
1004535	02-27-25	RINCON CONSULTANTS INC	CONSULTING SERVICES JULY 2024	7,190.25	10,310.50		10,310.50
			CONSULTING SERVICES NOV. 2024	1,888.75			

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	INVOICE AMOUNT	OPERATING	CAPITAL	TOTAL
			CONSULTING SERVICES AUG. TO OCT. 2024	445.00			
			CONSULTING SERVICE DEC. 2024	786.50			
1004536	02-27-25	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL	3.35	34,820.03		34,820.03
			ELECTRIC BILL	2,114.23			
			ELECTRIC BILL	2,750.90			
			ELECTRIC BILL	2,771.56			
			ELECTRIC BILL	33.49			
			ELECTRIC BILL	27,146.50			
1004537	02-27-25	SWRCB ACCOUNTING OFFICE	WATER SYSTEM FEES - WPSV	959.40	52,254.52		52,254.52
			WATER SYSTEM FEES - PSC	632.28			
			WATER SYSTEM FEES - MSWD SYSTEM	50,662.84			
1004538	02-27-25	TEAM MOM CHARITIES INC	BLACK HISTORY FOOD DRIVE SPONSORSHIP	200.00	200.00		200.00
1004539	02-27-25	VESTIS SERVICES INC	UNIFORM SERVICES 02.12.25	736.59	1,612.60		1,612.60
			UNIFORM SERVICES 02.18.25	119.53			
			UNIFORM SERVICES 02.05.25	490.46			
			UNIFORM SERVICES 02.19.25	266.02			
1004540	02-27-25	XYLEM DEWATERING SOLUTIONS INC	REMOTE ACCESS TRANSFER PUMP EQUIPMENT	3,817.54	3,817.54		3,817.54
1004541	02-27-25	ANA GRANT	ACCOUNT REFUND SUNRISE DR	630.46	630.46		630.46
1004542	02-27-25	BRIANA HOFFMAN	ACCOUNT REFUND 15714 AVE RAMADA	56.75	56.75		56.75
1004543	02-27-25	DOMINICK SILVA	ACCOUNT REFUND 66271 6TH ST	41.98	41.98		41.98
1004544	02-27-25	FELIX QUINTERO	ACCOUNT REFUND 13665 QUINTA WAY	60.24	60.24		60.24
1004545	02-27-25	FRANK LACHAPELLE	ACCOUNT REFUND 62534 N STARCROSS DR	77.51	77.51		77.51
1004546	02-27-25	JAMES WHITE	ACCOUNT REFUND 64194 EAGLE MOUNTAIN AVE	77.01	77.01		77.01
1004547	02-27-25	JUAN GALLARDO	ACCOUNT REFUND 67576 SAN TOMAS ST	72.67	72.67		72.67
1004548	02-27-25	MARTIN ESPINOZA	ACCOUNT REFUND 16200 VIA VISTA	82.00	82.00		82.00
1004549	02-27-25	MICHAEL MCKEEHEN	ACCOUNT REFUND 15300 PALM DR #191	11.38	11.38		11.38
1004550	02-27-25	ROGER GUILLEN	ACCOUNT REFUND 15300 PALM DR #72	82.00	82.00		82.00
1004551	02-27-25	SCOTT DUANE GARDNER	ACCOUNT REFUND 62671 S STARCROSS DR	63.15	63.15		63.15
1004552	02-27-25	SEBASTIAN CARLOS	ACCOUNT REFUND CHAPARRAL RD IN FRONT OF 13235	376.07	376.07		376.07
			CHAPARRAL RD				
1004553	02-27-25	USASIA INTERNATIONAL, LLC.	ACCOUNT REFUND 66865 JOSHUA CT	13.63	13.63		13.63
1004554	02-27-25	ZOLARA LTD, INC.	ACCOUNT REFUND 66176 BUENA VISTA AVE	19.56	19.56		19.56
99110561	02-04-25	US BANK CORPORATE TRUST SERVICES	US BANK WIRE - AD #13	281,901.62	281,901.62		281,901.62
99110620	02-07-25	WELLS FARGO BANK	AUTO DEP PPE 01.31.25	160,305.34	160,305.34		160,305.34
99110621	02-07-25	STATE OF CA EDD	STATE TAX PPE 01.31.2025	16,254.20	16,254.20		16,254.20
99110622	02-07-25	EFTPS-IRS PAYROLL TAX REMITTANCE	FED TAX PPE 01.31.2025	69,249.84	69,249.84		69,249.84
99110624	02-07-25	LINCOLN NATIONAL LIFE INS CO	DEF COMP PPE 01.31.2025	25,942.32	25,942.32		25,942.32
99110625	02-03-25	SUPERIOR PRINTING INC	CUSTOMER SERVICE SCANNER	1,168.65	1,168.65		1,168.65
99110668	02-03-25	WELLS FARGO BANK	JANUARY 2025 LOC INTEREST EXPENSE	14,812.50	14,812.50		14,812.50
99110671	02-11-25	AFLAC	JANUARY 2025 AFLAC DEDUCTIONS	1,879.84	1,879.84		1,879.84
99110674	02-03-25	USDA RURAL DEVELOPMENT	USDA LOAN PAYMENT PRINCIPAL & INTEREST	13,877.00	13,877.00		13,877.00
99110676	02-06-25	PAYNEARME MT, INC.	JANUARY 2025 PAYNEARME FEES	9,733.13	9,733.13		9,733.13
99110686	02-12-25	CALIF PUBLIC EMPLOYEES RETIREMENT SYSTEM	PERS PPE 02.31.2025	37,603.23	37,603.23		37,603.23
99110771	02-20-25	WELLS FARGO BANK	AUTO DEP PPE 02.14.2025	135,134.62	135,134.62		135,134.62
99110772	02-20-25	QUADIENT FINANCE USA, INC.	POSTAGE REPLENISHMENT	500.00	500.00		500.00
99110774	02-18-25	PAYMENTUS CORPORATION	JANUARY 2025 CREDIT CARD FEES	3,481.30	3,481.30		3,481.30
99110776	02-13-25	US BANK CORPORATE TRUST SERVICES	US BANK WIRE - AD #13	4,856.55	4,856.55		4,856.55
99110779	02-21-25	STATE OF CA EDD	STATE TAX PPE 02.14.2025	12,720.36	12,720.36		12,720.36

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	INVOICE AMOUNT	OPERATING	CAPITAL	TOTAL
99110780	02-21-25	EFTPS-IRS PAYROLL TAX REMITTANCE	FED TAX DEP PPE 02.14.2025	58,193.25	58,193.25		58,193.25
99110781	02-21-25	LINCOLN NATIONAL LIFE INS CO	DEF COMP PPE 02.14.2025	24,229.96	24,229.96		24,229.96
99110814	02-26-25	QUADIENT FINANCE USA, INC.	LEASE - MARCH TO JUNE 2025	650.58	650.58		650.58
PR020725	02-07-25	EMPLOYEE PAYROLL CHECKS		3,157.56	3,157.56		3,157.56
PR022125	02-21-25	EMPLOYEE PAYROLL CHECKS		0.00	0.00		0.00
			CURRENT CHECK TOTAL	2,600,995.9	2,129,965.1	471,030.8	2,600,995.9
TOTAL				2,600,995.99	2,129,965.16	471,030.83	2,600,995.99
162 records listed							

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	INVOICE AMOUNT	OPERATING	CAPITAL	TOTAL
1004519	02-27-25	DESERT WATER AGENCY	DWA RAC FEES - ID-E SYSTEM	9,006.21	417,002.20		417,002.20
			DWA RAC FEES - MAIN SYSTEM	407,995.99			
99110561	02-04-25	US BANK CORPORATE TRUST SERVICES	US BANK WIRE - AD #13	281,901.62	281,901.62		281,901.62
1004420	02-05-25	CITY OF DESERT HOT SPRINGS	UUT PAYABLE DECEMBER 2024	35,228.50	206,558.11		206,558.11
			JANUARY 24/25 PROPERTY TAX COLLECTION	171,329.61			
1004506	02-20-25	RDO EQUIPMENT CO.	TELEHANDLER - NWRWRF	177,317.22	0.00	177,317.22	177,317.22
99110620	02-07-25	WELLS FARGO BANK	AUTO DEP PPE 01.31.25	160,305.34	160,305.34		160,305.34
99110771	02-20-25	WELLS FARGO BANK	AUTO DEP PPE 02.14.2025	135,134.62	135,134.62		135,134.62
1004464	02-13-25	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL	2,771.67	126,507.29		126,507.29
			ELECTRIC BILL	123,735.62			
1004499	02-20-25	OPENGOV INC	PROFESSIONAL SERVICES DEPLOYMENT	101,706.47	0.00	101,706.47	101,706.47
1004466	02-13-25	TKE ENGINEERING, INC	GENERAL ENGINEERING SERVICES 12/2024	9,232.50	29,702.50	65,171.30	94,873.80
			C&M INSPECTION VIENTO DEV. 12/2024	21,510.00			
			C&M SERVICES RANCHO DESCANSO	85.00			
			CONSULTANT DESIGN DECEMBER 2024	8,328.80			
			PROGRESS PAYMENT #49 - WELL 42	1,720.00			
			CONSULTANT DESIGN SVCS NOV. 2024	7,000.00			
			CONSULTANT DESIGN SVCS OCT. 2024	12,607.50			
			CONSULTANT DESIGN SVCS DEC. 2024	34,390.00			
99110622	02-07-25	EFTPS-IRS PAYROLL TAX REMITTANCE	FED TAX PPE 01.31.2025	69,249.84	69,249.84		69,249.84
1004521	02-27-25	FERGUSON WATERWORKS #1083	NEPTUNE 360 AMI ANNUAL MAINTENANCE	63,296.44	63,296.44		63,296.44
99110780	02-21-25	EFTPS-IRS PAYROLL TAX REMITTANCE	FED TAX DEP PPE 02.14.2025	58,193.25	58,193.25		58,193.25
1004427	02-05-25	LEGEND PUMP & WELL SERVICE, INC.	PROGRESS PAYMENT #11	2,581.05	0.00	53,818.35	53,818.35
			PROGRESS PAYMENT #13	40,327.50			
			PROGRESS PAYMENT #12	10,909.80			
1004537	02-27-25	SWRCB ACCOUNTING OFFICE	WATER SYSTEM FEES - WPSV	959.40	52,254.52		52,254.52
			WATER SYSTEM FEES - PSC	632.28			
			WATER SYSTEM FEES - MSWD SYSTEM	50,662.84			
1004525	02-27-25	J.F. SHEA CONSTRUCTION, INC.	PROGRESS PAYMENT #29	44,472.73	0.00	44,472.73	44,472.73
99110686	02-12-25	CALIF PUBLIC EMPLOYEES RETIREMENT SYSTEM	PERS PPE 02.31.2025	37,603.23	37,603.23		37,603.23
1004536	02-27-25	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL	3.35	34,820.03		34,820.03
			ELECTRIC BILL	2,114.23			
			ELECTRIC BILL	2,750.90			
			ELECTRIC BILL	2,771.56			
			ELECTRIC BILL	33.49			
			ELECTRIC BILL	27,146.50			
99110624	02-07-25	LINCOLN NATIONAL LIFE INS CO	DEF COMP PPE 01.31.2025	25,942.32	25,942.32		25,942.32
99110781	02-21-25	LINCOLN NATIONAL LIFE INS CO	DEF COMP PPE 02.14.2025	24,229.96	24,229.96		24,229.96
1004429	02-05-25	MISSION CONSULTING SERVICES	WATER & SEWER MASTERPLAN UPDATES	23,525.00	23,525.00		23,525.00
1004421	02-05-25	CORE & MAIN LP	1" COPPER TUBING 100 FT	5,538.35	23,312.19		23,312.19
			4" DI PIPE CL 350	2,754.47			
			CREDIT MEMO	-1,722.93			
			STEM NUTS FOR #J344 HYD	312.57			
			1" COPPER TUBING SOFT 100 FT	5,538.35			
			1" X CLOSE BR NIPPLE	269.38			
			1" FLARE X 1" MSN BALL AM STOP MUEL	1,648.58			
			1" SWING CHECK VALVE	4,486.71			
			1" SWING CHECK VALVE	4,486.71			
1004453	02-13-25	ENTERPRISE FM TRUST	ENTERPRISE FLEET MANAGEMENT 02/2025	20,000.58	20,000.58		20,000.58

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1004423	02-05-25	FERGUSON WATERWORKS #1083	6" CLA VAL REBUILD KITS	2,838.14	19,399.01		19,399.01
			4" X 2-1/2" JONES J-344HP FH HEAD W/ PLST	3,098.89			
			REPLACEMENT 6FT METER ANTENNAS	711.15			
			6" JONES JJ4060DPLL CI 6H HYD	7,175.24			
			1" FLARE X 1" MSN BALL AM STOP MUEL	1,478.87			
			1" CTS X 1" MSN AM STOP B24258-1	3,060.10			
			4" BLK90 ELL THRD X THRD	1,036.62			
			6" X 4" FLG 90 REDUCER				
1004497	02-20-25	NORMAN A. TRAUB & ASSOCIATES	LEGAL SERVICES AND REPORT WRITING	13,262.54	19,207.54		19,207.54
			LEGAL SERVICES AND REPORT WRITING	5,945.00			
1004459	02-13-25	NOBEL SYSTEMS INC.	GIS DATA UPDATES	17,520.00	17,520.00		17,520.00
1004496	02-20-25	NOBEL SYSTEMS INC.	GVM ANNUAL SUBSCRIPTION	16,500.00	16,500.00		16,500.00
99110621	02-07-25	STATE OF CA EDD	STATE TAX PPE 01.31.2025	16,254.20	16,254.20		16,254.20
99110668	02-03-25	WELLS FARGO BANK	JANUARY 2025 LOC INTEREST EXPENSE	14,812.50	14,812.50		14,812.50
99110674	02-03-25	USDA RURAL DEVELOPMENT	USDA LOAN PAYMENT PRINCIPAL & INTEREST	13,877.00	13,877.00		13,877.00
99110779	02-21-25	STATE OF CA EDD	STATE TAX PPE 02.14.2025	12,720.36	12,720.36		12,720.36
1004513	02-27-25	CORONA ENVIRONMENTAL CONSULTING LLC	CONSULTING SERVICES DEC. 2024	12,675.00	0.00	12,675.00	12,675.00
1004462	02-13-25	SLOVAK BARON EMPEY MURPHY & PINKNEY LLP	LEGAL SERVICES LABOR ISSUES	4,590.00	11,860.00		11,860.00
			LEGAL SERVICES RETAINER	6,500.00			
			LEGAL SERVICES OVER RETAINER	770.00			
1004528	02-27-25	MDN WATER MANAGEMENT SERVICES INC	JANUARY 2025 SERVICES	11,303.50	11,303.50		11,303.50
1004535	02-27-25	RINCON CONSULTANTS INC	CONSULTING SERVICES JULY 2024	7,190.25	10,310.50		10,310.50
			CONSULTING SERVICES NOV. 2024	1,888.75			
			CONSULTING SERVICES AUG. TO OCT. 2024	445.00			
			CONSULTING SERVICE DEC. 2024	786.50			
1004493	02-20-25	INTELESYS	IT SUBSCRIPTIONS	1,915.37	10,199.37		10,199.37
			IT MANAGED SERVICES AND HELPDESK	8,284.00			
99110676	02-06-25	PAYNEARME MT, INC.	JANUARY 2025 PAYNEARME FEES	9,733.13	9,733.13		9,733.13
1004456	02-13-25	INFOSEND INC	JANUARY BILLING SERVICES	9,509.51	9,509.51		9,509.51
1004532	02-27-25	POLYDYNE,INC.	2 TOTES POLYMER SLUDGE WASTING	8,464.71	8,464.71		8,464.71
1004458	02-13-25	MWH CONSTRUCTION INC	C&M INSPECTION SVCS DEC. 2024	4,531.00	0.00	7,092.00	7,092.00
			C&M INSPECTION SVCS NOV. 2024	2,561.00			
1004468	02-13-25	WEST YOST & ASSOCIATES, INC.	NITROGEN CONTROL STRATEGY NOV. - DEC. 2024	445.00	6,990.25		6,990.25
			NITROGEN CONTROL STRATEGY SEPT. - OCT. 2024	3,060.75			
			NITROGEN CONTROL STRATEGY OCT. - NOV. 2024	3,484.50			
1004418	02-05-25	BECK OIL, INC.	UNLEADED GASOLINE	4,500.60	6,901.34		6,901.34
			DIESEL FUEL	2,400.74			
1004509	02-20-25	WATERLINE TECHNOLOGIES INC.	4 DRUMS REFILLED	978.37	6,604.01		6,604.01
			5 DRUMS REFILLED	1,222.96			
			6 DRUMS REFILLED	1,467.56			
			6 DRUMS REFILLED	1,467.56			
			6 DRUMS REFILLED	1,467.56			
1004449	02-13-25	AECOM TECHNICAL SERVICES INC.	PROGRESS PAYMENT #5	5,317.50	0.00	5,317.50	5,317.50
1004451	02-13-25	CARPI & CLAY. INC	FEDERAL ADVOCACY JANUARY 2025	5,000.00	5,000.00		5,000.00
1004487	02-20-25	CYPRESS DENTAL ADMINISTRATORS	MARCH 2025 PREPAID DENTAL INSURANCE	4,962.28	4,962.28		4,962.28
99110776	02-13-25	US BANK CORPORATE TRUST SERVICES	US BANK WIRE - AD #13	4,856.55	4,856.55		4,856.55
1004516	02-27-25	CV STRATEGIES	STRATEGIC COMMUNICATIONS SERVICES: CALENDAR	4,818.75	4,818.75		4,818.75
1004520	02-27-25	E.H. WACHS	SUBMERSIBLE PUMP WDP3500	4,606.32	4,606.32		4,606.32
1004531	02-27-25	PLUMBERS DEPOT INC	COLLECTIONS JETTING NOZZLE	4,550.50	4,550.50		4,550.50

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1004454	02-13-25	ENVIROGEN TECHNOLOGIES INC	WELL 26A URANIUM TREATMENT	4,132.53	4,132.53		4,132.53
1004447	02-05-25	WESTECH ENGINEERING LLC	REPLACEMENT SKIMMER BLADE FOR CLAR. 4 & 5	4,075.37	4,075.37		4,075.37
1004436	02-05-25	ROBERT G MODRICH	JANUARY 2025 UNIDATA MAINTENANCE	3,877.50	3,877.50		3,877.50
1004540	02-27-25	XYLEM DEWATERING SOLUTIONS INC	REMOTE ACCESS TRANSFER PUMP EQUIPMENT	3,817.54	3,817.54		3,817.54
1004507	02-20-25	THE LINCOLN NATL. LIFE INS. CO.	MARCH 2025 PREPAID LIFE INSURANCE	3,743.82	3,743.82		3,743.82
1004435	02-05-25	RAY LOPEZ ASSOCIATES	LANDSCAPE INSPECTIONS & PLAN CHECKS 01/2025	3,587.50	3,587.50		3,587.50
99110774	02-18-25	PAYMENTUS CORPORATION	JANUARY 2025 CREDIT CARD FEES	3,481.30	3,481.30		3,481.30
PR020725	02-07-25	EMPLOYEE PAYROLL CHECKS		3,157.56	3,157.56		3,157.56
1004503	02-20-25	PLUMBERS DEPOT INC	REPLACEMENT 1" X 800' HOSE FOR GAPVAX	2,889.01	3,113.77		3,113.77
			REPLACEMENT ROLLER FOR JETTING HOSE	224.76			
1004518	02-27-25	GANNETT MEDIA CORP	ADVERTISEMENT FOR BIDS	2,963.80	0.00	2,963.80	2,963.80
1004527	02-27-25	MANPOWER US INC.	STAFFING SERVICES - CUSTOMER SERVICE	1,513.20	2,909.13		2,909.13
			CREDIT BALANCE INVOICE # 39207129	-117.27			
			STAFFING SERVICES - CUSTOMER SERVICE	1,513.20			
1004515	02-27-25	CUNNINGHAM & ASSOCIATES EQUIP. COMPANY I	REPLACEMENT VERTICAL AUGER SECTION	1,139.38	2,763.66		2,763.66
		NC.					
			REPLACEMENT BEARINGS & SHAFTS FOR AUGER	1,624.28			
1004529	02-27-25	MOTION INDUSTRIES, INC.	RAS PUMP #1 MOTOR REPLACEMENT	2,501.34	2,501.34		2,501.34
1004438	02-05-25	SOUTHERN CALIFORNIA EDISON COMPANY	ELECTRIC BILL	2,439.06	2,439.06		2,439.06
1004512	02-27-25	BROWNSTEIN HYATT FARBER SCHRECK LLP	LEGAL SERVICES CONFIDENTIAL	2,175.00	2,175.00		2,175.00
1004434	02-05-25	PREMIER PROPERTY PRESERVATION LLC	DECEMBER CLEANING SERVICES	2,079.99	2,079.99		2,079.99
99110671	02-11-25	AFLAC	JANUARY 2025 AFLAC DEDUCTIONS	1,879.84	1,879.84		1,879.84
1004428	02-05-25	LUBRICATION ENGINEERS	RESTOCK 8 5GAL PAILS MONOLIC OIL	1,661.27	1,661.27		1,661.27
1004522	02-27-25	HOME DEPOT CREDIT SERVICES	HOME DEPOT CREDIT CARD	1,621.28	1,621.28		1,621.28
1004539	02-27-25	VESTIS SERVICES INC	UNIFORM SERVICES 02.12.25	736.59	1,612.60		1,612.60
			UNIFORM SERVICES 02.18.25	119.53			
			UNIFORM SERVICES 02.05.25	490.46			
			UNIFORM SERVICES 02.19.25	266.02			
1004511	02-27-25	BABCOCK LABORATORIES, INC.	HORTON WWTP BELT PRESS SLUDGE TESTING	1,611.50	1,611.50		1,611.50
1004485	02-20-25	BABCOCK LABORATORIES, INC.	TOTAL N PACKAGE - EFFLUENT & PERC POND 1	250.18	1,604.98		1,604.98
			TOTAL N PACKAGE - EFFLUENT TESTING	105.28			
			TOTAL N PACKAGE - WELLS 1,2,3 & PERC PONDS	762.76			
			TOTAL N PACKAGE - DESERT CREST EFFLUENT	105.28			
			TOTAL N PACKAGE - CLARIFIER EFFLUENT	250.18			
			E COLI/TOTAL COL. TESTING - WELL #3	131.30			
1004430	02-05-25	MANPOWER US INC.	STAFFING SERVICES - CUSTOMER SERVICE	1,513.20	1,513.20		1,513.20
1004457	02-13-25	MANPOWER US INC.	STAFFING SERVICES - CUSTOMER SERVICE	1,513.20	1,513.20		1,513.20
1004488	02-20-25	DESERT VALLEY DISPOSAL, INC.	JANUARY SERVICE CORP YARD	825.34	1,391.81		1,391.81
			JANUARY SERVICE ADMIN BUILDING	566.47			
1004523	02-27-25	INFOSEND INC	JANUARY 2025 NEWSLETTER INSERT	1,324.93	1,324.93		1,324.93
1004425	02-05-25	INFOSEND INC	NOVEMBER NEWSLETTER PRINT & INSERT FEE	1,321.81	1,321.81		1,321.81
1004461	02-13-25	ROBERT GRIFFITH	REIMBURSEMENT - AIRFARE	748.66	1,186.61		1,186.61
			REIMBURSEMENT - AIRFARE	437.95			
99110625	02-03-25	SUPERIOR PRINTING INC	CUSTOMER SERVICE SCANNER	1,168.65	1,168.65		1,168.65
1004501	02-20-25	PARKHOUSE TIRE, INC	REPLACEMENT TIRES UNIT #395	608.43	1,166.55		1,166.55
			REPLACEMENT TRAILER TIRES UNIT #385/117	558.12			
1004419	02-05-25	CASAMAR GROUP, LLC	LABOR COMPLIANCE SERVICES - DECEMBER 2024	1,047.84	713.38	334.46	1,047.84
1004533	02-27-25	RAFTELIS FINANCIAL CONSULTANTS, INC	PROFESSIONAL SERVICES JANUARY 2025	1,015.00	1,015.00		1,015.00
1004465	02-13-25	THE LAMAR COMPANIES	BILLBOARD RENEWAL	975.00	975.00		975.00

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	INVOICE AMOUNT	OPERATING	CAPITAL	TOTAL
1004432	02-05-25	O'REILLY AUTOMOTIVE INC.	100 TUBES MULTI-PURPOSE GREASE	720.85	828.59		828.59
			5GAL GEARLUBE RESTOCK	107.74			
1004498	02-20-25	O'REILLY AUTOMOTIVE INC.	OIL CHANGE, REPLACEMENT SHOCKS UNIT #410	327.19	822.58		822.58
			SPRING COMPRESSOR FLEET MAINTENANCE	46.32			
			REPLACEMENT SHOCKS, BREAKPADS, OIL CHANGE	253.21			
			BREAK FLUID, OIL STOP LEAK	15.06			
			OIL CHANGE UNIT #439	70.19			
			RESTOCK WIPER FLUID, BREAK CLEANER	21.37			
			REPLACEMENT BATTERY UNIT #400	35.62			
			DRY LUBE FLEET MAINTENANCE	9.69			
			OIL CHANGE UNIT #419	43.93			
1004500	02-20-25	PALM SPRINGS MOTORS INC	ELECTRICAL REPAIR PARTS UNIT #409	773.26	773.26		773.26
1004091	02-20-25	RAP FOUNDATION	TABLE SPONSOR - SENIOR INSPIRATION AWARDS	-750.00	-750.00		-750.00
1004534	02-27-25	RAP FOUNDATION	TABLE SPONSOR - SENIOR INSPIRATION AWARDS	750.00	750.00		750.00
1004460	02-13-25	PROVOST & PRITCHARD ENGINEERING GROUP IN	PROGRESS PAYMENT #4	85.60	735.60		735.60
		C					
			PROGRESS PAYMENT #3	650.00			
1004492	02-20-25	FLOW N CONTROL INC	DOS PALMAS LIFT STATION REPLACEMENT FLOATS	698.59	698.59		698.59
1004474	02-14-25	GRANITE CONSTRUCTION INC.	ACCOUNT REFUND PIERSON BLVD AND WORSLEY RD	689.62	689.62		689.62
1004450	02-13-25	BRINKS INCORPORATED	MONTHLY SERVICE FEE - FLAT	331.28	652.56		652.56
			CASH IN TRANSIT - FEE	321.28			
1004505	02-20-25	QUADIENT FINANCE USA, INC.	LEASE - MARCH TO JUNE 2025	650.58	650.58		650.58
1004505	02-24-25	QUADIENT FINANCE USA, INC.	LEASE - MARCH TO JUNE 2025	-650.58	-650.58		-650.58
99110814	02-26-25	QUADIENT FINANCE USA, INC.	LEASE - MARCH TO JUNE 2025	650.58	650.58		650.58
1004452	02-13-25	CASEY DOLAN	DIGITAL ADVERTISING MGMT & CONSULTING	650.00	650.00		650.00
1004541	02-27-25	ANA GRANT	ACCOUNT REFUND SUNRISE DR	630.46	630.46		630.46
1004433	02-05-25	PALM SPRINGS MOTORS INC	BALANCE FOR WORK DONE UNIT #414	600.15	600.15		600.15
1004443	02-05-25	VERIZON CONNECT FLEET USA LLC	GPS MONITORING FLEET 02/2025	554.54	554.54		554.54
1004446	02-05-25	WEST COAST SAND AND GRAVEL INC.	RESTOCK TYPE II BASE MATERIAL	545.72	545.72		545.72
1004504	02-20-25	PROFORMA	RESTOCK INVENTORY SIGN OUT FORM	500.93	500.93		500.93
99110772	02-20-25	QUADIENT FINANCE USA, INC.	POSTAGE REPLENISHMENT	500.00	500.00		500.00
1004484	02-20-25	ANSAFONE CONTACT CENTERS	ANSWERING SERVICE	464.90	464.90		464.90
1004439	02-05-25	STATE WATER RES CONTROL BRD	WELL EXTRACTION - FY 23/24 - MAIN SYSTEM	400.00	400.00		400.00
1004494	02-20-25	ISAAC LOPEZ	CDL EXAM REIMBURSEMENT - ISAAC L.	98.00	398.00		398.00
			BOOT REIMBURSEMENT - ISAAC L.	300.00			
1004552	02-27-25	SEBASTIAN CARLOS	ACCOUNT REFUND CHAPARRAL RD IN FRONT OF 13235	376.07	376.07		376.07
			CHAPARRAL RD				
1004524	02-27-25	IRIS GROUP HOLDINGS LLC DBA EVERON	ADMIN & CORP. YARD SECURITY ALARM	375.51	375.51		375.51
1004508	02-20-25	ULINE INC	RESTOCK NITRIL BLK GLOVES	371.86	371.86		371.86
1004444	02-05-25	VESTIS SERVICES INC	UNIFORM SERVICES 01.29.25	345.32	345.32		345.32
1004514	02-27-25	CITY OF DESERT HOT SPRINGS	ENCROACHMENT CITY PERMIT - 66415 1ST ST.	328.37	328.37		328.37
1004530	02-27-25	PALM SPRINGS PEST CONTROL, INC.	PEST CONTROL SVCS. - ADMIN BUILDING	140.00	325.00		325.00
			PEST CONTROL SVCS. - CORP. YARD	115.00			
			PEST CONTROL SVCS. - ANNEX BUILDING	70.00			
1004441	02-05-25	UNDERGROUND SERVICE ALERT	UNDERGROUND SERVICE ALERTS 02/2025	291.20	291.20		291.20
1004445	02-05-25	WEST COAST SAFETY SUPPLY	GAS METER OXYGEN SENSOR	278.51	278.51		278.51
1004490	02-20-25	DESERT PROMOTIONS	POLOS & JACKETS	278.40	278.40		278.40
1004448	02-13-25	ACELA ORIANA HOFFERT	CONFERENCE REIMBURSEMENT	273.60	273.60		273.60
1004483	02-20-25	ACE CASH EXPRESS	CHECK REIMBURSEMENT	244.68	244.68		244.68

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	INVOICE AMOUNT	OPERATING	CAPITAL	TOTAL
1004489	02-20-25	DESERT URGENT CARE	PHYSICALS	225.00	225.00		225.00
1004424	02-05-25	FORSHOCK	SCADA MONITORING 02/2025	220.00	220.00		220.00
1004517	02-27-25	CWEA	COLLECTION SYSTEM GRADE 1 RENEWAL - MARK V.	106.00	217.00		217.00
			COLLECTION SYSTEM GRADE 2 RENEWAL - ANDY G.	111.00			
1004437	02-05-25	RUSS MARTIN	JANUARY MILEAGE REIMBURSEMENT	214.90	214.90		214.90
1004538	02-27-25	TEAM MOM CHARITIES INC	BLACK HISTORY FOOD DRIVE SPONSORSHIP	200.00	200.00		200.00
1004467	02-13-25	ULINE INC	SUPER GRIFTON WORK GLOVES - HORTON PLANT	174.61	174.61		174.61
1004470	02-14-25	ARMAN ISAKHANIAN	ACCOUNT REFUND 65842 FLORA AVE	164.00	164.00		164.00
1004455	02-13-25	HUNSAKER & ASSOCIATES IRVINE, INC.	PP #5 WELL 35 DESIGN SERVICES	162.00	0.00	162.00	162.00
1004479	02-14-25	SHAVARSH KHACHATRYAN	ACCOUNT REFUND 9605 VALENCIA DR	145.68	145.68		145.68
1004463	02-13-25	SO CAL GAS	GAS BILL	129.01	129.01		129.01
1004495	02-20-25	LORENZO JESSE SOTO	BOOT REIMBURSEMENT - LORENZO S.	127.61	127.61		127.61
1004486	02-20-25	CWEA	COLL. SYS. GRADE 2 RENEWAL - GREG C.	111.00	111.00		111.00
1004526	02-27-25	KILLER BEE PEST CONTROL	BEEHIVE REMOVAL - 13875 KAY RD.	100.00	100.00		100.00
1004417	02-05-25	AMBER DUFF	JANUARY MILEAGE REIMBURSEMENT	95.20	95.20		95.20
1004431	02-05-25	MCMASTER-CARR	1" X CLOSE BR NIPPLE	89.19	89.19		89.19
1004548	02-27-25	MARTIN ESPINOZA	ACCOUNT REFUND 16200 VIA VISTA	82.00	82.00		82.00
1004550	02-27-25	ROGER GUILLEN	ACCOUNT REFUND 15300 PALM DR #72	82.00	82.00		82.00
1004545	02-27-25	FRANK LACHAPELLE	ACCOUNT REFUND 62534 N STARCROSS DR	77.51	77.51		77.51
1004546	02-27-25	JAMES WHITE	ACCOUNT REFUND 64194 EAGLE MOUNTAIN AVE	77.01	77.01		77.01
1004482	02-14-25	TOM S. HALTON	ACCOUNT REFUND 64144 SHERMAN WAY	75.00	75.00		75.00
1004547	02-27-25	JUAN GALLARDO	ACCOUNT REFUND 67576 SAN TOMAS ST	72.67	72.67		72.67
1004475	02-14-25	JULISSA QUINTANA	ACCOUNT REFUND 68275 CALLE LAS TIENDAS	69.08	69.08		69.08
1004481	02-14-25	TAMARA STONUM	ACCOUNT REFUND 11818 MORNING STAR DR	66.32	66.32		66.32
1004478	02-14-25	OFELIA AVILA	ACCOUNT REFUND 66011 FLORA AVE	65.00	65.00		65.00
1004551	02-27-25	SCOTT DUANE GARDNER	ACCOUNT REFUND 62671 S STARCROSS DR	63.15	63.15		63.15
1004544	02-27-25	FELIX QUINTERO	ACCOUNT REFUND 13665 QUINTA WAY	60.24	60.24		60.24
1004510	02-27-25	GAFCON PM-CM LLC	PREVAILING LAW WAGE RESEARCH	58.20	58.20		58.20
1004416	02-05-25	ALTA LANGUAGE SERVICES INC	BILINGUAL TEST - R. RUVALCABA	58.00	58.00		58.00
1004542	02-27-25	BRIANA HOFFMAN	ACCOUNT REFUND 15714 AVE RAMADA	56.75	56.75		56.75
1004422	02-05-25	FEDEX	WELLS FARGO OVERNIGHT FEE	55.94	55.94		55.94
1004491	02-20-25	FEDEX	WELLS FARGO OVERNIGHT FEE	55.19	55.19		55.19
1004472	02-14-25	DANITRA ALEXANDER	ACCOUNT REFUND 15422 AVE MIROLA	51.38	51.38		51.38
1004473	02-14-25	DESTINY BACA CORTES	ACCOUNT REFUND 9751 PALM DR	49.92	49.92		49.92
1004469	02-14-25	ALEXIS RENDON JIMENEZ	ACCOUNT REFUND 13024 CALIENTE DR #B	46.51	46.51		46.51
1004440	02-05-25	THEODORE MAYRHOFEN	JANUARY MILEAGE REIMBURSEMENT	44.52	44.52		44.52
1004543	02-27-25	DOMINICK SILVA	ACCOUNT REFUND 66271 6TH ST	41.98	41.98		41.98
1004471	02-14-25	DALTON STYVE	ACCOUNT REFUND 66472 FLORA AVE	40.45	40.45		40.45
1004502	02-20-25	PARKERS BUILDING SUPPLY	REPLACEMENT TOILET WAX RING	10.76	29.06		29.06
			2" SCH 40 PVC PIPE	18.30			
1004480	02-14-25	SUSANA REYES	ACCOUNT REFUND 66640 SAN RAFAEL DR	25.67	25.67		25.67
1004426	02-05-25	LA ABUELITA BAKERY	REFUND SEWER INTERCEPTOR PERMIT	25.00	25.00		25.00
1004442	02-05-25	USA-FACT INC	BACKGROUND CHECK - S. RODRIGUEZ	20.33	20.33		20.33
1004476	02-14-25	KARLA MENDEZ	ACCOUNT REFUND 12970 BEECH AVE	19.66	19.66		19.66
1004554	02-27-25	ZOLARA LTD, INC.	ACCOUNT REFUND 66176 BUENA VISTA AVE	19.56	19.56		19.56
1004477	02-14-25	LUKE KRIDER	ACCOUNT REFUND 68170 CALLE AZTECA	17.20	17.20		17.20
1004553	02-27-25	USASIA INTERNATIONAL, LLC.	ACCOUNT REFUND 66865 JOSHUA CT	13.63	13.63		13.63
1004549	02-27-25	MICHAEL MCKEEHEN	ACCOUNT REFUND 15300 PALM DR #191	11.38	11.38		11.38
PR022125	02-21-25	EMPLOYEE PAYROLL CHECKS		0.00	0.00		0.00

CHECK NUMBER	CHECK DATE	PAID TO VENDOR	DISBURSEMENT DESCRIPTION	INVOICE AMOUNT	OPERATING	CAPITAL	TOTAL
			CURRENT CHECK TOTAL	2,600,995.9	2,129,965.1	471,030.8	2,600,995.9
TOTAL				2,600,995.99	2,129,965.16	471,030.83	2,600,995.99
162 records listed							

AGENDA REPORT

REGULAR BOARD MEETING(S) MARCH 13 & 17, 2025

DIRECTOR REPORTS – MEETINGS AND EVENTS FOR FEBRUARY 2025

DIRECTOR REPORTS

(Per GC 53232.3(d) brief reports on meetings attended for which a daily stipend was claimed)

Date	Event	Attendees
2/5/2025	DWA BOARD MEETING	GRIFFITH
2/6/2025	RIVCO FLOOD CONTROL & WATER CONSERVATION MEETING	SEWELL
2/6/2025	DVBA LEGISLATIVE MEETING	MARTIN
2/7/2025	CSDA PROFESSIONAL DEVELOPMENT COMMITTEE MEETING	DUFF
2/10/2025	DVBA BOARD MEETING	MARTIN
2/11/2025	CVWD BOARD MEETING	SEWELL
2/11/2025	DHS PLANNING COMMISSION MEETING	MAYRHOFEN
2/24/2025	CSDA WEBINAR	MAYRHOFEN
2/25/2025	CSDA WEBINAR	MARYHOFEN
2/24-2/25/2025	CASA LEGISLATIVE CONFERENCE	GRIFFITH, DUFF
2/25/2025	CVWD BOARD MEETING	SEWELL
2/26 – 2/28/2025	URBAN WATER INSTITUTE CONFERENCE	SEWELL, MARTIN, MAYRHOFEN
2/26-2/28/2025	ACWA LEGISLATIVE SYMPOSIUM	GRIFFITH, DUFF

(OTHER) MEETINGS ATTENDED *(no daily stipend was claimed*)

Date	Event	Attendees
2/4/2025	DHS CITY COUNCIL MEETING	MARTIN
2/8/2025	AIR MUSEUM GALA FUNDRAISER	MARTIN
2/13/2025	CVAG ~CVCC AND CVES BOARD MEETINGS	DUFF
2/18/2025	DHS CITY COUNCIL MEETING	MARTIN
2/18/2025	CSDA WEBINAR	DUFF
2/24/2025	CABOT'S MUSEUM BOARD MEETING	MARTIN
2/26/2025	TRIBAL WATER MEETING	MARTIN

MSWD

Mission Springs Water District



GENERAL MANAGER'S REPORT

MARCH 2025

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ENGINEERING DIVISION

Engineering Department

Below is a list of Capital Projects and status updates for February 2025.

Well 42 Project
The design engineer, AECOM, prepared a conformed set of plans to clarify changes to the project for the completion of construction. The contractor, Layne Christensen, is scheduled to begin the civil site improvements in the coming weeks.

Well 22 Rehabilitation
Staff continued to work with the contractor, Canyon Springs Enterprises, on reviewing and approving material submittals, procuring materials, and responding to requests for information (RFIs).

Water and Wastewater System Comprehensive Master Plan Updates
Staff and consultants continued progress on evaluating the future demands and system needs, as well as finalizing the master plans and capital improvement programs. Staff continued to review and comment on the final draft chapters for both master plans. Staff anticipate completing the plans and presenting them to the Board in April 2025.

AD-18 – GQPP Sewer Project Area "D3"
Staff completed bidding for the sewer improvement and water line replacement project. Staff will bring the lowest responsive bidder to the Board for contracting in March 2025.

AD-18 – GQPP Sewer Project Areas "A" & "G"
The Army Corps of Engineers has placed the design on hold due to contracting issues. They are developing a remedy and path forward to complete the final design.

Well 34 Rehabilitation
The project is complete, and the Notice of Completion will be presented to the Board of Directors in March 2025.

Skyborne Village III – Housing Development
The developer's contractor is nearing completion of the main water installation in Phase III of the project. They will coordinate with the inspector to conduct tests and finalize the water main for activation into MSWD's system. MSWD's contracted inspector, MWH Constructors, has been overseeing and verifying that the work meets MSWD construction standards.

PODS Storage
The developer's contractor is in the process of addressing the punch list items, including correcting sewer line deficiencies. MSWD's contract inspector, TKE Engineering, has been inspecting and verifying the work meets MSWD construction standards.

Project Viento

The developer's contractor continued progress on the water, sewer, and force main system. MSWD's contract inspector, TKE Engineering, has been inspecting and verifying the work meets MSWD construction standards.

Regional Water Reclamation Facility

The Project Team continued responding to RFIs, and processing change orders and payment requests submitted by the treatment plant contractor, JF Shea Construction.

The contractor and MSWD operations continued to prepare for initial wastewater treatment startup, testing, and commissioning which began on February 26, 2025.

The Project Team continues to coordinate with the State Water Resources Control Board (SWRCB) on the SRF/Grant funding agreement and reimbursement requests.

RWRF Conveyance Line

The Project Team continued responding to RFIs and processing change orders and payment requests submitted by the contractor, Downing Construction.

The contractor completed construction of the gravity sewer portion across the SCE transmission crossing as well as testing. The sewer was placed into service on February 26, 2025.

Staff continued preparing the disbursement request documentation covering the period from the start of construction through Q4 2024 to be submitted to the State Water Resources Control Board (SWRCB) in the coming weeks.

Area M2 Sewer Collection System (AD-15)

Staff received RFIs from the State regarding the final bid package. Staff provided responses and continued to monitor the status of final approval with the State. Staff plans to bid the project following the State's approval.

RWRF Roadway Design (19th Avenue, Little Morongo Road, and 20th Avenue)

Staff received the 90% plan check comments from the City of Desert Hot Springs and are currently reviewing and responding to comments.

The consultant continued progress on the draft CEQA document and expects to receive the document in March 2025 for review. Following review, the draft CEQA will be published for public comment.

Water Resources Department

Below is a list of water resources related activities for February 2025.

Integrated Regional Water Management Planning

The Coachella Valley Regional Water Management Group (CVRWMG) implements the Integrated Regional Water Management (IRWM) Plan for the Coachella Valley IRWM Region.

The CVRWMG met to discuss on-going grant funded projects and upcoming grant opportunities, including continued discussion on Conservation Regulations and Chromium-6 compliance.

Mission Creek Subbasin SGMA Compliance

The consultant completed the final Sustainable Groundwater Management Act (SGMA) Annual Report and will submit it to the California Department of Water Resources (DWR) by April 1, 2025.

The Mission Creek Subbasin Management Agencies received proposals for the 2027 periodic update of the Alternative Plan. Coachella Valley Water District (CVWD), as the leading agency, will be taking the selected proposal to their Board for approval in the coming weeks.

San Gorgonio Pass Subbasin SGMA Compliance

Staff provided water supply and quality data to the consultant preparing the SGMA Annual Report. The draft report is expected in March 2025 for review and comment.

Salt and Nutrient Management Planning

Staff attended the monthly Steering Committee meeting to discuss progress and comment on the draft Technical Memorandum #5 (TM5), Construct TDS/N Forecasting Models.

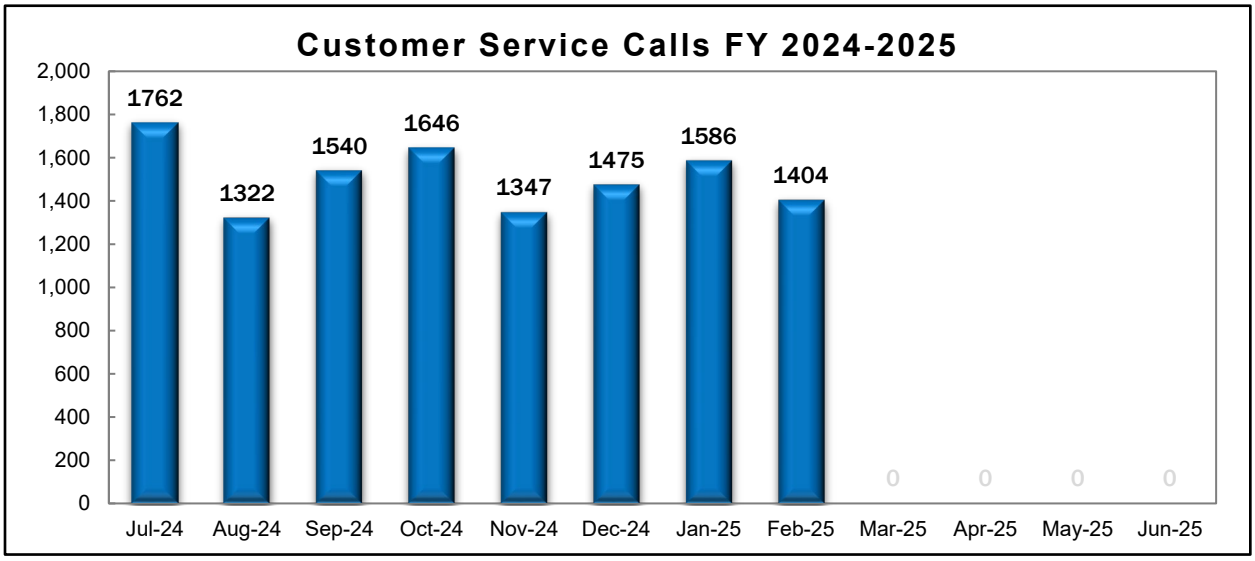


FINANCE DIVISION

Customer Service Department

Call into the Customer Service Department

The chart below represents the total incoming calls received by the staff in the Customer Service department for Fiscal Year 2024-2025.



Most calls received by the Customer Service department are related to payment plans, bill assistance information, demand/lien release requests, new property start/stop service, and account balance requests. The table below provides a summary of the number of calls by category received by the Customer Service staff.

Customer Request	Total for February 2025	Total for FY 2025
Water Waste	0	7
High Bill / Service Line Leak	5	70
No Water	4	53
Illegal Disconnect	4	28
Disconnections	109	804
Reconnections	83	617
Service Transfers	95	773
High / Low Pressure	7	50
Water Quality	6	31
Other / Miscellaneous	71	667

WaterSmart Portal

WaterSmart Analytics data provides a comprehensive overview of leaks detected and automated alerts sent to MSWD customers. All customers are encouraged to sign up in the WaterSmart Portal to access bills and leak alerts. The table below provides a summary of the number of customers who have registered in the WaterSmart Portal.

WaterSmart Portal	Total for February 2025	Overall Total
Registered Customer Accounts	144	8,186

Billing

During February 2025, Customer Service reviewed a total of 15,686 bills.

Bill Type	Total Bill Count for February 2025	Total Bill Amount for February 2025
Regular Bills	10,983	$820,170.00
Delinquent Bills	4,531	$1,256,741.44
Closing Bills	172	$13,397.66
Delinquent Closing	0	$0.00
Total	**15,686**	**$2,090,308.79**

Delinquency Service Statistics

Staff continued to reach out to customers with delinquent accounts to provide information for assistance and repayment options to avoid disconnection. The table below summarizes the activities of Customer Service staff regarding delinquent accounts.

Delinquency Service	Total for February 2025
Auto-Dialer Calls	253
Door Hangers	41

Customer Bill Assistance

The District continues to facilitate bill assistance programs for the benefit of its customers. The United Way Customer Bill Assistance Program continues to be utilized by those customers who need assistance for one billing period annually, paying $100 per approved customer. The table below summarizes the results of the customer bill assistance programs administered by the Customer Service staff.

Assistance Program	Total Assistance in February 2025	Total Assistance in FY 2025
United Way of the Desert	$700	$2,800.00

Installment Payment Plans

The District continues to assist customers with delinquent bills by facilitating installment payment for the benefit of its customers. The table below summarizes the results of the installment payment plans administered by the Customer Service staff.

Total Active Payment Plans	Remaining Balance to be Collected
130	$67,149.34

Refunds

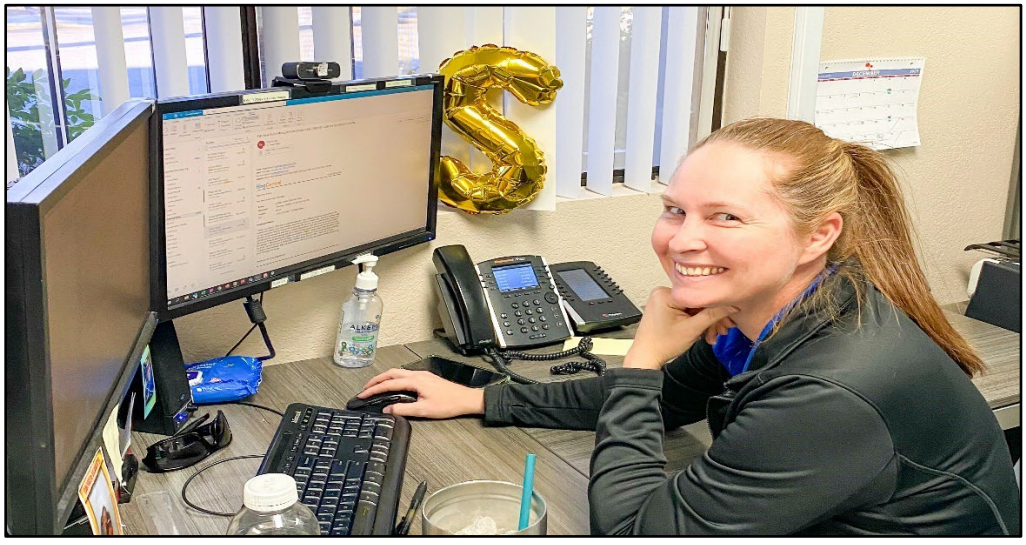
There was a total of 28 customer account refunds totaling $3,189.90 resulting from closed accounts for the month of February 2025.

Account Type	Total Refund Count for February 2025	Total Refund Amount for February 2025
Customer Refunds	25	$1,493.75
Construction Meter Refunds	3	$1,696.15
Total	**28**	**$3,189.90**

Liens

Customer Service identified 13 accounts that were 90 days past due requiring Lien filing. Likewise, three Release of Liens were issued after securing payment for outstanding balances on past due accounts.

Lien Type	Total Lien Count for February 2025
Lien Recordings	13
Lien Releases	3



Finance & Accounting Department

The Finance and Accounting department continues to work with its vendors to complete the yearly and necessary tasks to meet State and Federal reporting requirements and the strategic goals established by the MSWD Board of Directors. Below are project highlights and summaries for February 2025.

Payroll

Staff collaborated with Human Resources and the CalPERS Analyst to determine the requirements for employees working Out of Class (OOC) and distinguish Temporary Upgrade Pay (TUP), along with Provisional Appointments per CalPERS regulations.

Worked with the accounting consultant to review and manage the 401(a) contract with Lincoln as well as ensure accurate CalPERS contribution calculations for employees working out of class.

Reviewed payroll tax table changes to 2025 tax deductions, tested FICA and SDI calculations for accuracy.

Provided payroll training with MDN Water Management Services business analyst.

Processed annual Sick Leave and Vacation cash-out for qualified District employees.

Worked with CalPERS Audit Compliance Analyst regarding special compensation and uniform allowance.

Worked with OpenGov team and provided them with District's workforce Salary and Wages data.

Budget

There were 6 budget transfer requests for the month of February 2025, and year-to-date budget transfers total $158,704.00.

- $1,000.00 from BID 585 – Outside Services to BID 587 – SCADA Monitoring Service
- $300.00 from BID 630 - Training & Seminars Front Office to BID 512 – Misc. Reimbursements
- $2,500.00 from BID 515 – Facility Maintenance to BID 518 – District Yard Pest Control
- $4,000.00 from BID 515 - Facility Maintenance to BID 525 – Fuel Tank Testing
- $852.00 from BID 563 – Outside Services – Temp Clerical to BID 550 – General District Safety Materials
- $541.00 from BID 565 – Training & Seminars, Travel to BID 550 – General District Safety Materials.

Finance

Staff assisted the General Manager with Long Range Financial meetings and provided Raftelis with Water and Wastewater Rate Study data.

Collaborated with RAMS Auditors to review Trial Balance and discuss outstanding Year End items

Review pending items with OpenGov related to Reimbursable Jobs and Assets in Chart of Accounts.

Current Work Priorities

The Accounting department continues to support other departments as needed:

- Engineering
  - Accounts Payable continues to process vendor requisitions.
- Operations
  - Accounting continues to support Operations on reimbursable jobs that include primarily damage to District property where a police report was filed.
- Human Resources
  - Accounting continues to work with Human Resources to update employee information related to change of status, new hires, and CalPERS appointments.
- Customer Service
  - Processing multiple customer refunds for credit balances on closed accounts.

Cash

Total cash receipts for the month of February 2025 amounted to $2,551,756.29, with the largest contributors from the State of California sewer grant amounting to $1,107,205.00, and from normal water and sewer customer account payments amounting to $1,195,925.29.

Cash Disbursements for the month of February 2025 amounted to $2,594,648.53 with the largest payments made to:

Entity	Amount
Net Payroll	$489,460.84
Desert Water Agency	$417,002.20
US Bank Corporate Trust Services	$286,758.17
City of Desert Hot Springs	$206,886.48
Southern California Edison Company	$163,766.38

Financial Statement

A year-to-date summary of the District's financial position for Fiscal Year 2024-2025, in addition to a comparison to the previous fiscal year, can be found in Appendix A.

Capital Improvement Program

The District maintains a 5-year Capital Improvement Program that includes water and sewer infrastructure, facilities, and fleet. A year-to-date summary of the District's Capital Improvement Program for Fiscal Year 2024-2025 can be found in Appendix A.

Innovation & Technology Department

The Innovation and Technology (IT) department continues to work with staff and vendors to achieve technological enhancement and meet innovation goals established by the MSWD Board of Directors. Below are project highlights and summaries for February 2025.

2024 State and Local Cybersecurity Grant Program (SLCGP) Award

The District continues with the setup and onboard with CalOES to begin the projects approved for the SLCGP.

Department Updates

The IT department continues to assist Wastewater and Engineering with technical needs for the Wright Regional Water Reclamation Facility to meet the revised startup deadline.

IT also continues to assist the Finance and Contracts departments with the set up and integration of the OpenGov Budget and Procurement platforms, and working with the District's ERP programmer on the data export needs for the new system.

IT continues to assist Customer Service with the onboard of a new customer check deposit system.

IT completed the District's Nationwide Cybersecurity Review submission, a requirement for the SLCGP grant.

IT onboarded the District's new Administrative Assistant.

IT assisted Operations and Production in the initiation of a new project to improve the network infrastructure for all well and reservoir sites.

Technology Improvements

The adoption of the mobile device management system continues to move forward as more devices are brought under management.

Cybersecurity improvements continue to be made to improve District security.

Desktop computers and laptop upgrades continue as needed.

Cyber Security News Roundup

The IT Department tracks trends in cyber security to note new opportunities for security and new concerns to defend against. The news below is a brief selection intended for informational purposes and provides no insight to the district's cybersecurity controls.

- Artificial Intelligence (AI) enabled hackers to steal $25 million without even breaching the systems of UK engineering firm, Arup. Using deepfake technology, they were able to impersonate Arup senior managers in a video call and to manipulate an employee into sending the money. This is an example of how AI

has created new attack methods where human manipulation becomes the target instead of systems. (WeForum)

- Cybersecurity breaches in public schools have been more severe than reported since the pandemic. Far more personal information was released online by attackers than initially made public. (Route-Fifty)
- Researchers demonstrated new methods to attack Google Gemini and ChatGPT AI systems using carefully crafted prompts, causing the AI systems to perform unauthorized actions. OpenAI and Google have addressed these vulnerabilities, but this illustrates the risks with this emerging technology that even the developers are still learning about. (Ars Technica)

Intelesys IT Support

The District receives IT services and support through Intelesys. The Intelesys Monthly Client Report for February 2025 activities can be found in Appendix B.

Purchasing Department

Continue to source sanitization supplies to ensure wipes, hand sanitizers, disinfectants are available in all district buildings, and vehicles for the safety of the staff.

Price increases and supply chain issues continue to surface in our industry. Specifically, PVC pipe and fittings, ductile iron pipe and service brass fittings, restraints, hydrants, and valves, as well as many other products, are experiencing significant shortages that could lead to extended lead times. Along with these supply chain problems, pricing continues to escalate. These problems exist with both domestic and imported materials. We will continue to monitor the situation and do our due diligence in getting all the material that is needed to maintain our water systems.

Total inventory purchases were $49,846.24 and the total issued for use by field crews was $46,160.19 for the month of February 2025.

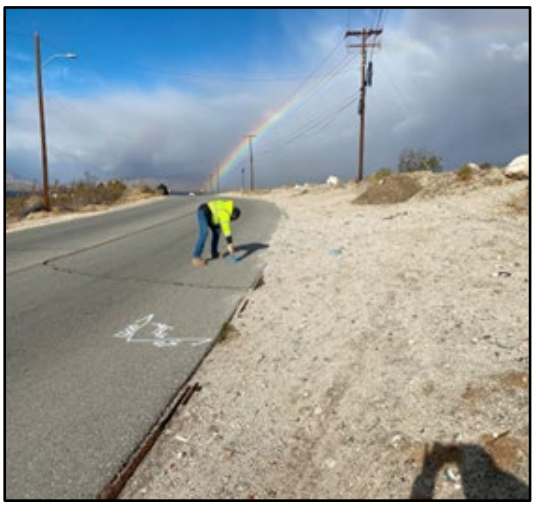


OPERATIONS & MAINTENANCE DIVISION

Construction & Maintenance Department

Water Line Locations

Staff completed approximately 278 water line location requests using iPads and the GeoViewer Mobile app to streamline and manage line locations.





Water System Repairs/Replacement

Staff continued to repair and replace components of the water distribution system keeping it in optimum working order and properly functioning without any interruption. Below is a summary of the repairs and replacements completed in February 2025.

- Three water service lines were replaced with copper.
- Five service line leaks were repaired.
- Six mainline leaks were repaired.
- Six fire hydrants were repaired/replaced.





Water System Maintenance

Staff continued to implement preventative maintenance and inspection programs to keep the water distribution system in optimal working order and properly functioning without any interruption. Below is a summary of the maintenance completed in February 2025.

- 133 ground valves were exercised.
- 52 fire hydrants were flushed, maintained, and painted.
- 87 air-release valves were inspected and/or rebuilt.
- No Cla-Val valves were repaired.
- 59 blow-offs were flushed.





CMMS Workorder Program

A total of 15 work orders were processed in February 2025 using the CMMS program.

New Water Meter Service Installation

Staff installed 58 new water service lines in February 2025

Fire Flow Testing

Staff conducted eight field fire flow tests for the Engineering Department in February 2025.



Fleet & Facility Maintenance Department

Janitorial Services

The District received two bids for annual janitorial services. Staff is taking the contract to the March 2025 Board Meeting recommending approval. District staff is self-performing janitorial duties until we contract with another company.

Building Maintenance

Staff completed the following building maintenance during the month of February 2025.

- Well 28 had eight irrigation leaks repaired.
- Vista Reservoir had a new irrigation controller and valve installed.
- Staff performed janitorial duties at the Corporate Yard and Old Stores.
- Installed a second cashier's desk in the Front Office.
- Two Bunch Reservoir had six irrigation leaks repaired.
- The Accounting Modular had an odor complaint rectified, drain for water fountain was cleaned, and trash removed from underneath the walkway ramp.
- The rear lower door handle to the Administration Building was disassembled and cleaned due to being hard to open.
- Well 25 had irrigation controller replaced.
- Terrace Reservoir had the battery connectors replaced in the irrigation controller.
- Well 27/31 had three irrigation leaks repaired.
- Accounting Modular had a partition added.
- The Administration Building gate keypad face was readjusted and secured.
- The swamp cooler for the Meter Shop was winterized.
- The women's downstairs restroom had the toilet snaked due to a backup and odor.
- The cork board in the east hall of the Administration Building was replaced.
- The ballast in the west hall in front of the General Manager's office was replaced.
- Six hydrant locks were fabricated for District use.

Standby Generator Monthly Maintenance Program

Monthly testing is conducted to ensure that all generators are in good working order and ready for use when needed. There were no issues with the generators this month.

Fleet Maintenance/Repairs

- Unit 385 had the battery replaced and four wheel hub seals replaced, along with three magnets and the right front brake assembly replaced.
- Unit 394 had four wheel hub seals replaced, three brake assemblies, one magnet, one brake drum, and one hub cover replaced.
- Unit 409 had an AC hard line and AC drier replaced in house, and system vacuumed and charged at Desert Tire.
- Unit 442 had the right rear strobe replaced.
- The wastewater portable generator had the battery replaced.
- Unit 413 had PM service performed, an oil change was done and had a left front CV axle and outer tie rods ordered for replacement.
- Unit 428 had PM service performed, an oil change, tire rotation, cabin filter and wiper blades were replaced. Right rear tire had a patch done, front shocks were also replaced, and a chip in windshield sealed by MACs Auto Glass.
- Unit 117 had the suction hose and 2-inch trash pump hose repaired.

- Unit 450 had a chip in windshield sealed by MACs Auto Glass.
- Completed the DOORS Program reporting for qualifying equipment.
- Unit 425 had the air filter cleaned out and all zirc fittings greased.
- Unit 414 valve machine choke cable was cleaned and adjusted.
- Unit 442 had the oxygen tank replaced.
- Units 442 and 399 had vents and caution labels installed on oxygen and acetylene bins.
- Unit 117 had four wheel hub seals, three magnets and one brake assembly replaced.
- Unit 444 was taken into RDO Equipment for repairs for engine codes.
- Unit 395 had a broken board replaced and sealed on decking.
- Unit 408 was decommissioned with decals and license plates removed.
- Unit 421 had rear glass replaced and driver side door latch replaced.

Field Services Department

WaterSmart / Neptune 360

Staff routinely reviews continuous and high usage on customer accounts and makes contact through the Customer Portal, phone, email, or in person, making them aware of potential issues. The following is the number of contacts made this month:

Contact Type	Total for February 2025	Total for FY 2025
Continuous Usage	118	829
High Usage (>Normal)	12	140
Reverse Flow	0	0
Total	**130**	**969**

Cross Connection Control Program

The Backflow and Cross Connection Specialist performs annual testing of Backflow Prevention Assemblies (BPAs) throughout the District as required by the SWRCB Cross Connection Control Policy Handbook. There were 97 BPAs tested in February 2025 and three Hazard Assessments completed.



Wastewater Collection Department

Sanitary Sewer Overflow

There were no Sanitary Sewer Overflows (SSOs) in the collection system this month.

Dos Palmas Lift Station

Operators conducted daily site visits to ensure proper pump operation, Supervisory Control and Data Acquisition (SCADA) system functionality, and site security. Staff completed a confined space entry into the lift station to replace a damaged float that was causing issues with the level of the wet well.





Sewer Line Locations

Staff completed 298 sewer line location requests using iPads and the GeoViewer mobile application to streamline and manage line locations.

Sewer Line/Collections Maintenance

Staff did not complete any CCTV inspections in February 2025.

Staff cleaned 10,528 feet of sewer mainline in February 2025 in Assessment District 18, a total of 43 pipe segments.



Wastewater Treatment & Disposal Department

Plant Maintenance

Staff spent 718.75-man hours performing routine plant maintenance, equipment maintenance, and plant operations at the Horton and Desert Crest Wastewater Treatment Plants (WWTPs). Also, during this timeframe staff spent 143-man hours operating the sludge belt filter press, including filling and removing 20 trailers of sludge from the Horton and Desert Crest WWTPs.

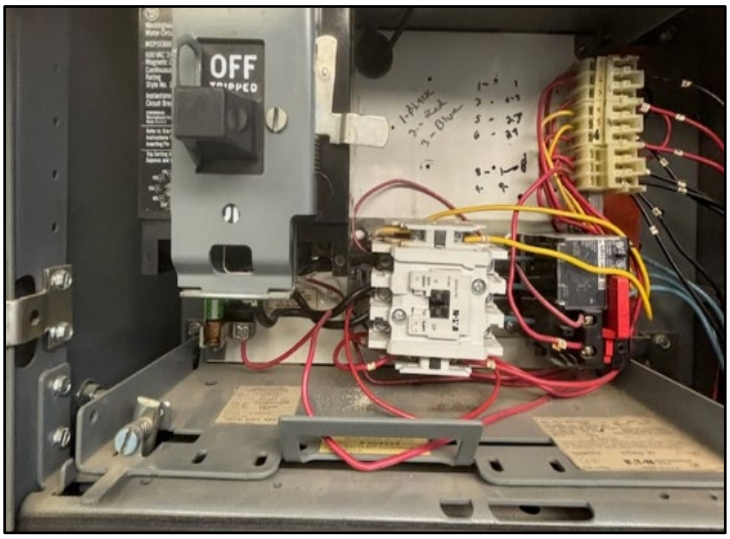
Staff worked on repairing the vertical auger for the belt press. The repairs included a top auger section, gearbox and shaft, as well as a lower bearing and shaft.

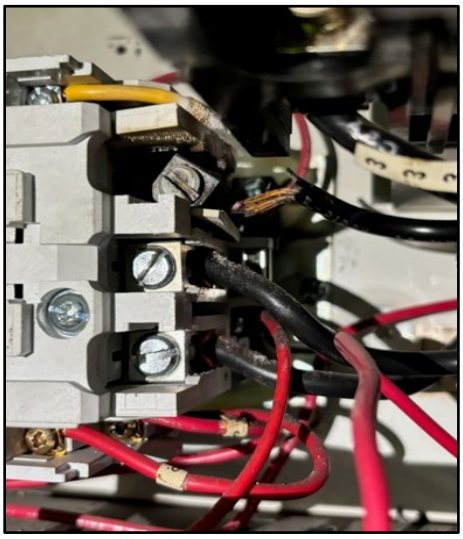






Staff had an issue with the starter and contractor on aeration brush 3. The starter and contractor have been replaced, and the brush is back to normal operation.





Nancy Wright RWRF

The Nancy Wright Regional Water Reclamation Facility (RWRF) officially started up as of February 26, 2025. The Wright RWRF will be receiving all the flow from the Dos Palmas Lift Station which has an average daily flow of 0.15 MGD. Staff will be monitoring the plant over the next 60 days with J.F. Shea Construction to ensure proper plant operation and refinement.





Sampling and Laboratory

Staff collected 47 samples and spent 94-man hours performing laboratory duties and analysis for process control and regulatory reporting purposes. Both plants produce an effluent that meets the District's permit discharge requirements.

Staff continue to sample from the pond lysimeters in Ponds 1, 6, and 8 for the nitrogen study. The objective is to determine whether the total nitrogen is being reduced as it percolates through the sand.

Pond Maintenance

Ponds 1, 2, 4, 5, 6, 7, and 8 were cleaned and rehabilitated during February 2025. The ponds continue to percolate at a high rate and continued being operated for 2-week intervals.





Weekly Wastewater Training

The training courses aim to provide all operators with consistent knowledge and a better understanding of processes, including operating equipment more proficiently. This training helps keep operators safe while completing maintenance. A summary of this month's training includes:

- Eyewash Safety Wash Water Wastewater Training
- MLSS Transfer Plan Training



Wastewater Report

Through continued development in the Desert Hot Springs area, and at the request of new consumers, sanitary services are always being added to the collection system. Below is a summary of new sanitary service connections by month.

New Sanitary Service Connections to Collection System					
Fiscal Year	**2024/25**	**2023/24**	**2022/23**	**2021/22**	**2020/21**
July	9	4	4	18	8
August	7	12	26	20	4
September	2	17	20	20	5
October	2	3	13	36	9
November	22	7	8	29	50
December	5	21	8	12	9
January	1	2	35	14	21
February	55	1	4	7	23
March		1	24	17	48
April		7	16	7	18
May		8	9	16	17
June		0	4	2	21
Total	**103**	**83**	**171**	**198**	**233**

Additional sanitary service connection information is provided in Appendix C.

The following table shows the average daily flow and peak daily flow for the Horton WWTP, Desert Crest WWTP, and Wright RWRF.

Wastewater Flow (MGD)						
Fiscal Year 2024/25	**Horton WWTP**		**Desert Crest WWTP**		**Wright RWRF**	
	Average Daily Flow	**Peak 24-Hour Flow**	**Average Daily Flow**	**Peak 24-Hour Flow**	**Average Daily Flow**	**Peak 24-Hour Flow**
July	2.065945	2.184078	0.039738	0.046230	0.000000	0.000000
August	2.132868	2.253870	0.045258	0.063150	0.000000	0.000000
September	2.084274	2.299028	0.042407	0.050700	0.000000	0.000000
October	2.056787	2.242007	0.045147	0.054820	0.000000	0.000000
November	2.080992	2.260242	0.045151	0.050590	0.000000	0.000000
December	2.063171	2.208058	0.043790	0.047380	0.000000	0.000000
January	2.052011	2.229541	0.043768	0.046930	0.000000	0.000000
February	2.021628	2.159446	0.042657	0.048510	0.173333	0.260000
March						
April						
May						
June						

Additional wastewater flow information is provided in Appendix C.

Water Production Department

Water Pumped/Produced

During the month of February 2025, the District's three public water systems produced the following volume of water:

- MSWD (CA3310008) – 495.39 Acre Feet (161.42 MG)
- West Palm Springs Village (CA3310078) – 9.67 Acre Feet (3.15 MG)
- Palm Springs Crest (CA3310081) – 4.02 Acre Feet (1.31 MG)

Water Sampling/Testing

- Bacteriological Sampling – Staff collected 50 routine samples in the MSWD system, four routine samples in the ID-E area which includes the West Palm Springs Village (WPSV) and Palm Springs Crest (PSC) systems, and four well samples in ID-E.
- Staff collected 16 general physical samples in the MSWD system and two general physical samples in ID-E.
- Well 26A Uranium Treatment (IXP) Sampling – The monthly uranium sampling was completed in February 2025.
- Monthly Reporting – The District's Monthly Coliform Monitoring Report for all three water systems was sent to the SWRCB Department of Drinking Water (DDW) on March 10, 2025.
- Chromium-6 Sampling – Staff will continue to collect monthly Chromium-6 sampling until otherwise instructed. Additionally, staff sampled Well 31 daily between October 28 and November 1, 2024, while Well 27 was left off.

Chlorination System Updates

- Chlorination Pumps – Staff conducted routine maintenance and inspections on all chlorine pumps and related equipment at well sites. Staff made necessary adjustments, repairing and/or rebuilding to ensure proper operation. Most chlorinator pumps continue to function properly, with only typical preventative maintenance required (i.e., repair of cracked chlorination suction/feed tubing).
- Chlorinator Pump Cleaning – All of the chlorinator pumps were cleaned twice during the month of February 2025.
- Sodium Hypochlorite (Chlorine) Usage – During the month of February 2025, a total of 1,058 gallons of chlorine (12.5% solution strength) was used to disinfect the distribution system and our production facilities. (Reflects usage in the MSWD and ID-E water systems.)
- Chlorine Residuals at Production Well Sites – In February 2025, the Water Production staff checked and documented the chlorine residuals at all wells in use 163 times. The average chlorine residual of these readings was 0.91 ppm. (This data reflects the MSWD and ID-E water systems.)
- Distribution System Chlorine Residuals – During the month of February 2025, the Water Production staff checked and documented the chlorine residuals throughout the distribution system a total of 96 times. The average chlorine residual of these readings is 0.77 ppm. (This data reflects the MSWD and ID-E water systems.)

Well Soundings

Staff continued to sound the groundwater levels for 13 production wells and nine monitoring wells. Staff aim to complete these by the 15th of each month.

Water Production Facility Updates

Staff oversee all water production sites, making necessary adjustments. They conduct monthly overflow maintenance as needed by climbing reservoirs. Staff also inspect reservoir roofs using a drone.

- Gateway Fire Pump Monthly Testing – Staff performed the monthly fire pump testing in February 2025. All systems functioned properly. Water loss data was captured and entered onto our water loss tracking worksheet.

Well 33 Solar Site

Staff continue to monitor the performance of the solar system. Staff reached out to a third-party maintenance company, PVCA, to assess the maintenance and repair needs for the solar site. A proposal was received for further review and maintenance with a contract being considered for execution in March 2025.



Water Report

Through continued development in the Desert Hot Springs area and at the request of new customers, water services are always being added. Below is a summary of new water services added each month.

New Service Connections to the Water System					
Fiscal Year	**2024/25**	**2023/24**	**2022/23**	**2021/22**	**2020/21**
July	9	5	6	18	7
August	14	14	28	19	6
September	6	19	22	23	18
October	2	4	16	33	13
November	25	9	10	27	10
December	6	5	9	9	2
January	1	5	26	14	15
February	59	3	14	8	13
March		6	29	19	16
April		11	24	6	11
May		9	16	19	15
June		3	5	1	24
Total	**122**	**93**	**205**	**196**	**150**

Additional water service connection information is provided in Appendix C.

As expected, the new water services increase the amount of water needed to be pumped; however, the weather and water conservation continue to be the primary factor in MSWD water production. The following table summarizes the MSWD water production by month.

Monthly Water Production (AF)							
	FY 2024/25	**Variance from Prior Year**		**FY 2023/24**	**FY 2022/23**	**FY 2021/22**	**FY 2020/21**
		AF	**%**				
July	939.07	149.08	18.87	789.99	751.79	796.57	857.77
August	818.63	80.89	10.96	737.74	850.19	839.93	885.31
September	785.85	110.79	16.41	675.06	716.03	738.65	784.80
October	718.26	9.03	1.27	709.23	691.98	665.18	755.84
November	574.08	-54.97	-8.74	629.05	599.39	679.85	690.13
December	647.08	117.09	22.09	529.99	554.27	565.48	588.32
January	572.24	15.67	2.82	556.57	530.39	580.28	537.96
February	509.08	50.39	10.99	458.69	490.41	527.34	495.61
March				560.24	500.37	601.44	625.80
April				649.67	552.34	624.07	649.34
May				696.24	726.25	745.36	723.62
June				700.11	682.09	730.02	761.63
Total	**5,564.29**	**477.97**	**9.40**	**7,692.58**	**7,645.50**	**8,094.17**	**8,356.13**

Additional water production information is provided in Appendix C.

PUBLIC AFFAIRS

Past & Upcoming Sponsorships / Events

Palm Springs Air Museum Annual Fundraiser: February 8, 2025

MSWD Board and staff joined local leaders in support of the Palm Springs Air Museum in Commemorating the 80th Anniversary of the Ending of World War II. The museum provides year-round educational opportunities to youth in our community.



California Association of Sanitation Agencies, Policy Forum: February 24 -25, 2025



Board and staff attended the California Association of Sanitation Agencies (CASA) Policy forum that featured a program with speakers that included Congressional staff, reporters, and national water association leaders providing their perspective on what to expect in the coming term and other developments of importance to California's clean water professionals.

Association of California Water Agencies ACWA 2025 East: February 25 -27, 2025

Board and staff joined fellow agencies to receive federal policy updates and meet with Federal Officials. This conference offered unique opportunities for networking, advocacy, and engaging with key policymakers shaping California's water future. With the presidential election behind us, it was the ideal time to connect with decision-makers on pressing water policies and infrastructure challenges.



MSWD Blood Drive: February 26, 2025



MSWD partnered with LifeStream Blood Bank to host a blood drive, and thanks to community members and MSWD staff, the drive was very successful and the donations will help or save up to 42 lives.

Urban Water Institute Spring Conference: February 26-28, 2025

Select Board and staff attended the Urban Water Institute's Spring Conference where leading experts delivered presentations on today's most pressing water management issues, representing a broad range of expertise and non-partisan perspectives.

DHS Women's Club Annual Fashion Show Luncheon: March 2, 2025

Board and staff attended the Desert Hot Springs Women's Club annual fashion show and luncheon held recently at Miracle Springs. The Women's Club is the oldest non-national non-profit established organization in Desert Hot Springs who raises scholarship funds for the students of Desert Hot Springs through these events.



GCVCC Legislative Breakfast: RivCo Supervisor V. Manuel Perez Sunline Transit Agency – Thousand Palms: March 10, 2025

The Greater Coachella Valley Chamber of Commerce will be hosting a legislative breakfast with Riverside County's Fourth District Supervisor V. Manuel Perez. Attendees will have the opportunity to share their thoughts on legislative and community issues. Supervisor Perez will be answering questions provided by our legislative committee as well as our membership at large.

DHS Rotary BIG HE♥RT AWARDS, March 20, 2025

The annual Rotary Big Heart Awards will be held at the Miracle Springs Resort & Spa, a night filled with love, appreciation, and recognition. The proceeds from the Big Heart Awards will directly fund our Desert Hot Springs Rotary Club Youth Projects, helping to provide essential support and opportunities for the youth in Desert Hot Springs. The MSWD Big Heart Person of the Year is Jeff Nutter who has served the MSWD community for more than 30 years.

Association of California Water Agencies Legislative Symposium: March 26, 2025

The Association of California Water Agencies' (ACWA's) Legislative Symposium is an annual event engaging water district directors, general managers, attorneys, and staff from across California with up-to-date information on critical water policy issues. While at the event, MSWD will meet with legislators and share with them the challenges and successes of the District.

33rd Annual Senior Inspiration Awards: March 27, 2025

Held at Fantasy Springs Special Events Center, this event pays tribute to honorees from each Coachella Valley city and the County of Riverside. Attendees are inspired by the accomplishments and optimism of the honorees. The Coachella Valley is fortunate to have a senior population that is so active in our community.

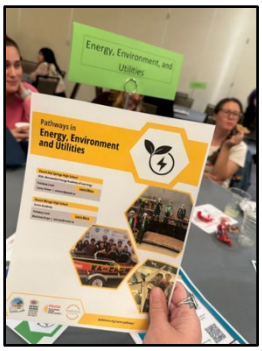
Youth & Education Programs

MSWD Water Footprint Presentation: February 19, 2025



On February 19, 2025, MSWD staff visited students at the Desert Hot Springs High School and taught students about their direct and indirect water use and their individual water footprints. As part of their REAL Academy studies, students are working on a 60-second public service announcement that teaches others what they learned.

Tri-District Career Technical Education Meeting: February 12, 2025



Representatives and students from Coachella Valley's three school districts joined MSWD staff and other industry representatives to discuss upcoming career technical educational needs for the Coachella Valley. The event highlighted the need for more partnerships like MSWD and the Desert Hot Springs High School REAL Academy and the benefits these programs provide to students and industry.

MSWD and DHS High School REAL Academy Internship: January 18 through February 27, 2025

Through the MSWD and Desert Hot Springs High School REAL Academy partnership, MSWD hosted four interns for the spring session program. The students were partnered with a department and performed hands-on work. All students leave with a letter of reference, and "real" work experience. This session the departments and students were; Wastewater / Collections, Elias M.; Construction/Maintenance, Christian B.; GIS, Diego A.; and Public Affairs, Jayson Alvarez.





Rotary Four-Way Speech Competition: February 20, 2025



MSWD Assistant General Manager Marion Champion chaired the annual Desert Hot Springs Rotary Four-Way Test Speech Contest, as well as coaching the competitors. A "Rotary Four-Way Speech Competition" is a public speaking contest where high school students deliver speeches applying the principles of Rotary International's "Four Way Test". MSWD staff attended and assisted in judging. Julia H., the winner of the local competition, will compete in the regional competition in Banning on March 8, 2025.

KidWind Hosted by OneFuture Coachella Valley: February 22, 2025

MSWD staff had the privilege of serving as judges at the Annual KidWind competition held at Desert Hot Springs High School on February 22, 2025. Through OneFuture Coachella Valley, the regional KidWind event has grown into the world's largest hands-on student wind turbine and solar device design competition, engaging students in STEM through clean energy.





Desert Springs Middle School Career Day: March 26, 2025

MSWD staff will host a booth at the Desert Springs Middle School Career Day, which provides students an opportunity to explore different career opportunities and ask questions from the staff of various local organizations and businesses.

Public & Media Outreach

Water 101: MSWD Infrastructure Tours: March 18 and 19, 2025



As part of our Water 101 efforts, MSWD is offering two infrastructure tours on March 18 and 19, 2025, that will provide attendees with a peak at District operations. MSWD is promoting the tours on social media and email blasts. Tickets are free, but space is limited.

- March 18, 2025, 8:00 – 11:30 am
- March 19, 2025, 12:00 – 3:30 pm
- Sign-ups starting Feb 20, 2025
- For more info, visit **www.mswd.org/tour25**

CV Water Counts Academy: January 28 through March 1, 2025

MSWD staff participated in the regional CV Water Counts Annual Academy. The comprehensive course covers a variety of topics which includes: Course Overview; The History of Water; Groundwater, Streams and Imported Water; Colorado River Water; State Overview, Climate Change; Regional Planning & SGMA; Local Conservation Efforts and Incentives, and Making Conservation in the Coachella Valley A Way of Life; Water Quality & Regulations; Recycled Water; Building & Development and Water Efficiency; and Salton Sea Management Program. The academy culminated in a water infrastructure tour on March 1, 2025.





Customer Newsletter



Our February 2025 Water Matters newsletter features information about MSWD's CWEA awards, suggested watering schedules for cooler weather, and reporting water waste and water theft. Our monthly newsletter can be found here or with your paper bill statement and the E-Bill digital statement (scroll down to view) in English and Spanish.
A copy of the newsletter is included in the Appendix E.

Follow and Like Us Campaign: December 2024 through June 2025

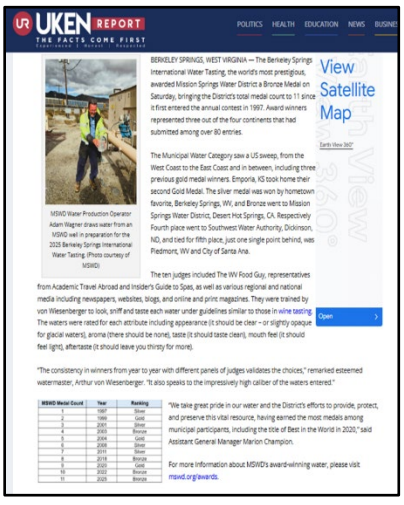
Public Affairs launched the "MSWD Follow and Like Us" Campaign to increase followers of the District Facebook and Instagram social media accounts, this initiative to increase engagement with our customers, as well as notice of events, information, and crisis communication access. Since the start of the campaign, we have received 53 new likes on Facebook, and 21 on Instagram. For the 2 months the campaign has run we have increased Facebook by 93, and Instagram by 32, page likes.

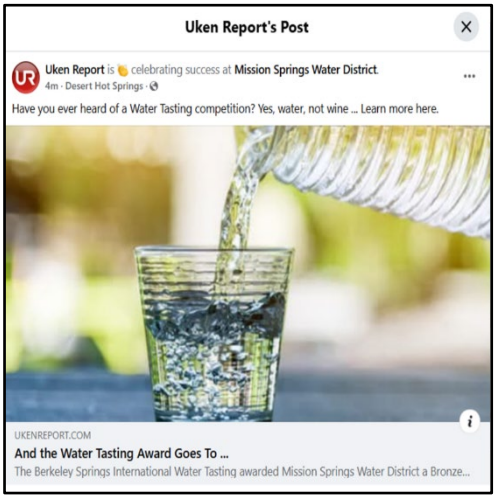




Editorials / Media

El Informador picked up the CWEA Awards news release in February 2025 and the Uken Report picked up the Berkeley Springs International Water Tasting Competition. Both releases were also shared on social media by the media outlets and gained significant and were well received. Copies and links to the editorials are in Appendix E.







Legislative Updates

Federal: House Members Reintroduce Bipartisan Water Systems PFAS Liability Protection Act.

Representatives Marie Gluesenkamp-Perez (D-WA) and Celeste Maloy (R-UT) reintroduced the Water Systems PFAS Liability Protection Act (H.R. 1267). The legislation would provide guardrails to protect water and wastewater agencies from liabilities related to the EPA CERCLA hazardous substances designation. The bill was referred to the Committees on Energy and Commerce and Transportation and Infrastructure for consideration. A full Federal Update is available in Appendix D.

State: Bill Introductions

With the bill introduction deadline having passed we are starting to get a better sense of what the landscape will look like in Sacramento this year, at least from the standpoint of legislation. As previously discussed, the bill introductions were slower than usual this year due to the focus on the Los Angeles fires. However, the Legislators made up for lost time introducing a total of 2,350 bills, comprised of 1,500 Assembly Bills and 850 Senate Bills. In comparison, last year there were 2,124 bills introduced, with 1,505 Assembly Bills and 619 Senate Bills.

February also provided some good news on the water front with multiple storms that allowed for both state and federal officials to provide additional water to water agencies. Specifically, the Department of Water Resources announced that they will provide 35% of the requested water supplies, up from 15% in December. The State report and State Bill Tracking sheet are included in Appendix D.

MSWD Digital Advertising

For the month of February 2025, the District featured three Google and Facebook/Instagram ads promoting various MSWD programs. The Google campaign garnered 257.01K impressions, and 221 link clicks. Our Facebook/Instagram (Meta) ads garnered a large increase from 271.7K last month to 369.4K impressions and 352 link clicks. The largest increase was due to the Conservation Kit campaign with 176K impressions and 143 clicks. The MSWD website saw 5,477 users, 18,574 views, and 6,077 engaged sessions. The full report is included in Appendix E.



Social Media

This report highlights activities and posts on the District's social media platforms. Some of our most engaging posts included the Blood Drive promo, Beware of Scams, and Worker Wednesday – Flushable Wipes are Not Flushable. Our most shared posts were the Blood Drive and Team Mom Black History Month Food Drive, and Watering Times/Rebates.

We were down on Facebook impressions, but had 53 new page likes. Instagram continues to grow with 21 new followers and 85,516 impressions (up 11.4%), LinkedIn is growing with 5 new followers, impressions were down due to less posts, but engagement is up 5%.

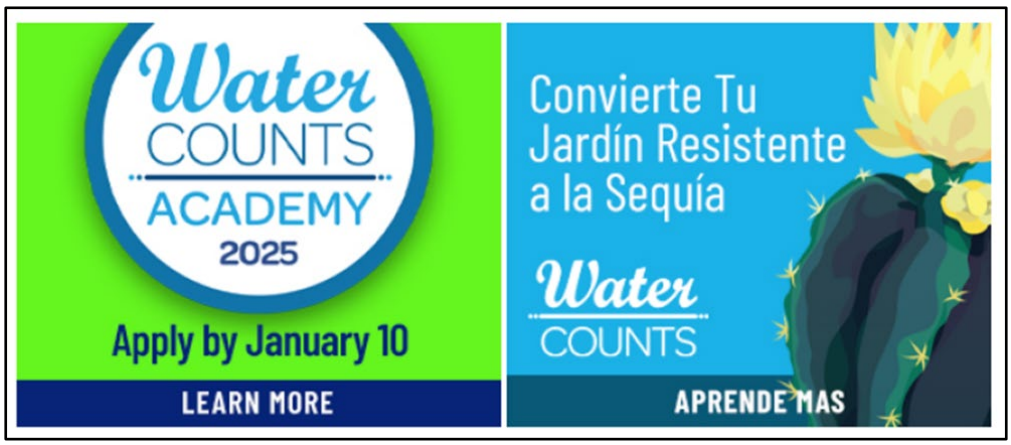
A copy of the February 2025 social media report can be found in Appendix E.



CV Water Counts

CV Water Counts continues with strong digital marketing performance continued in February 2025, with 323K display ad impressions, 7,877 search ad impressions, and 97,157 video ad impressions. The website saw 3,614 users and 5,024 sessions, with the "Conservation Tips" page leading at 3.1K views, followed by "Where Does the Coachella Valley's Water Come From?" article. Social media engagement was solid, with Facebook ads reaching 87,261 impressions and Instagram posts receiving 30,950 impressions.

A copy of the full report can be found in Appendix E.



Rebates & Conservation

The Public Affairs team continued to promote rebates and conservation throughout our service territory during the month of February 2025.

Rebate Type	Total Rebates for February 2025	Total Rebates for February 2025
Toilet	1	$150.00
Turf	0	$0.00
Clothes Washer	0	$0.00
Smart Controller	0	$0.00
Conservation Kit	9	-

Bottled Water Tracking Report

Date Supplied	Requested By	Event or Purpose	Cases Requested
02/03/2025	DHS Police Dept.	Special Events/Department Needs	5
02/05/2025	Painted Hills Middle School	Field Trips to JT National Park (2)	4
02/06/2025	DHS HS Public Safety Academy	Training Events	9
02/07/2025	AYSO Region 588	AYSO Tournament	5
02/11/2025	City of DHS	Supply for Meetings & Events	15
02/11/2025	CV Water Counts	Academy – MSWD Host Session	2
02/12/2025	Club Se Mujeres Latinas DHS	Valentine's Dance Fundraiser	5
02/25/2025	DHS High School Band	Fundraising Event	5
02/26/2025	Riverside First 5	Community Events	5
		Total	**55**

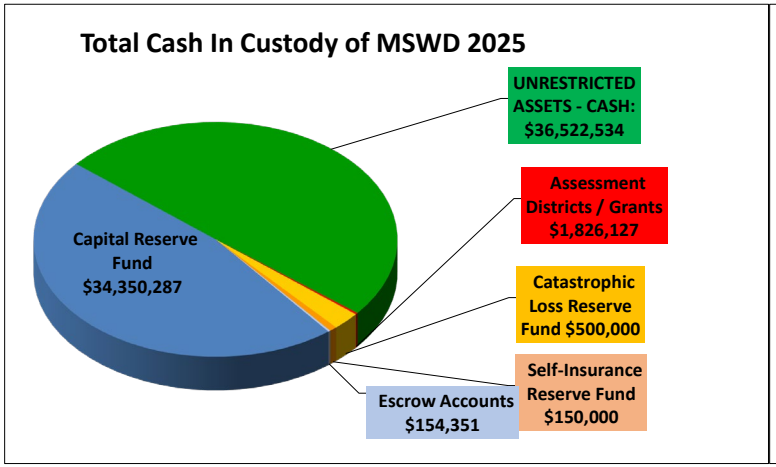
APPENDIX A – Financial Information

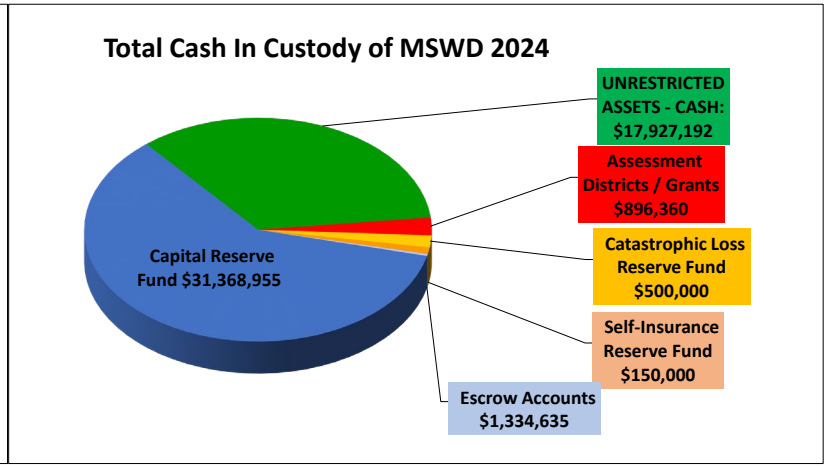
MISSION SPRINGS WATER DISTRICT
COMBINED FUNDS
DISTRICT SUMMARY
JULY 1, 2024 TO JANUARY 31, 2025

YEAR TO DATE					JULY 1, 2023 TO JANUARY 31, 2024			
ACTUAL	BUDGET	FAVORABLE (UNFAVORABLE) VARIANCE AMOUNT	FAVORABLE (UNFAVORABLE) VARIANCE PERCENT		ACTUAL	BUDGET	FAVORABLE (UNFAVORABLE) VARIANCE AMOUNT	FAVORABLE (UNFAVORABLE) VARIANCE PERCENT
12,357,439	11,894,008	463,431	4%	**OPERATING REVENUE:**	11,863,195	12,406,093	(542,898)	-4%
8,751,845	11,668,587	2,916,742	25%	**OPERATING EXPENSE:**	11,944,679	13,824,465	1,879,787	14%
3,605,593	225,421	3,380,172	1499%	**NET OPERATING INCOME**	(81,484)	(1,418,372)	1,336,889	-94%
2,361,014	3,255,300	(894,286)	-27%	**ADD NON-OPERATING REVENUE**	5,248,968	5,754,772	(505,804)	-9%
544,524	397,425	(147,099)	-37%	**LESS NON-OPERATING EXPENSE**	587,163	620,599	33,436	5%
1,816,490	2,857,875	(1,041,385)	-36%	**NET NON-OPERATING INCOME**	4,661,805	5,134,173	(472,368)	-9%
5,422,083	3,083,296	2,338,787	76%	**NET INCOME**	4,580,321	3,715,801	864,521	23%

OTHER INFORMATION

		3.37	**DEBT SERVICE RATIO**	12.50		
		1.31%	**INVESTMENT RETURN**	0.74%		
EARNED	$	45,339	**WELLS FARGO LOAN INTEREST**	$ 53,200	**PAID**	
	$	62,533,816	**CASH - JULY 1**	$ 42,784,058		
	$	10,969,482	**INCREASE/(DECREASE) IN CASH**	$ 9,393,084		
	$	73,503,298	**CASH - END OF PERIOD**	$ 52,177,142		
WELLS FARGO	$	36,522,534	**UNRESTRICTED CASH**	$ 17,927,192	**WELLS FARGO**	
WELLS FARGO	$	3,585,438	**RESTRICTED - ASSESSMENT DISTRICTS**	$ 400,154	**WELLS FARGO**	
US BANK	$	154,351	**RESTRICTED - ESCROW ACCOUNTS**	$ 1,986,764	**US BANK**	
CALTRUST	$	7,224,162	**RESTRICTED - SHORT TERM FUND**	$ 6,884,508	**CALTRUST**	
CALTRUST	$	23,133,765	**RESTRICTED - MEDIUM TERM FUND**	$ 22,240,628	**CALTRUST**	
CALTRUST	$	2,883,048	**RESTRICTED - LIQUIDITY FUND**	$ 2,737,896	**CALTRUST**	
	$	73,503,298	**RESTRICTED TOTAL CASH**	$ 52,177,142		





MISSION SPRINGS WATER DISTRICT
CAPITAL IMPROVEMENT PROJECTS - ONGOING
JANUARY 31, 2025

JOBNO	PROJECT TITLE	BEG BAL 07-01-2024	YEAR TO DATE 01-31-25	2024 BUDGET	FY 2024 BUDGET TO ACTUAL	TOTAL COST	ADOPTED BUDGET	BALANCE OF BUDGET	DEPARTMENT RESPONSIBLE
11147	WELL #42 (NEAR TO EXISTING WELL # 22)	3,235,277.03	176,749.66	0.00	-176,749.66	3,412,026.69	4,973,000.00	1,560,973.31	ENGINEERING
11424	REGIONAL WASTEWATER TREATMENT PLANT	51,387,547.85	488,910.01	0.00	-488,910.01	51,876,457.86	53,049,300.00	1,172,842.14	ENGINEERING
11425	AREA M-2 (AD #15)	709,954.24	1,037.90	0.00	-1,037.90	710,992.14	11,450,000.00	10,739,007.86	ENGINEERING
11426	CONVEYANCE LINE FROM LS TO RWWTP	7,078,128.60	202,700.41	0.00	-202,700.41	7,280,829.01	8,300,000.00	1,019,170.99	ENGINEERING
11451	CHROMIUM 6 COMPLIANCE STUDY	64,726.19	38,725.77	0.00	-38,725.77	103,451.96	200,000.00	96,548.04	ENGINEERING
11456	HWWTP INFL. PUMP STATION ODOR CONTROL	647,969.84	0.00	0.00	0.00	647,969.84	730,000.00	82,030.16	ENGINEERING
11566	DESIGN & ENGINEERING AREAS H & I	336,320.57	0.00	0.00	0.00	336,320.57	460,000.00	123,679.43	ENGINEERING
11610	VISTA RESERVOIR NO. 2	127,027.61	0.00	0.00	0.00	127,027.61	975,427.00	848,399.39	ENGINEERING
11611	WELL REHABILITATION PROGRAM - WELL 22	609,264.22	34,412.73	0.00	-34,412.73	643,676.95	1,560,000.00	916,323.05	PRODUCTION
11618	DESIGN & ENGINEERING FOR AREAS A & G	573,106.23	6,041.71	0.00	-6,041.71	579,147.94	1,600,000.00	1,020,852.06	ENGINEERING
11621	ADMIN BUILDING	1,855,431.73	226,225.90	0.00	-226,225.90	2,081,657.63	33,300,000.00	31,218,342.37	ADMINISTRATION
11657	SEWER SYSTEM COLLECTIONS	561,007.76	0.00	0.00	0.00	561,007.76	750,000.00	188,992.24	ENGINEERING
11666	EMERGENCY BACKUP GENERATOR WELL 27/31	21,859.56	0.00	0.00	0.00	21,859.56	411,002.00	389,142.44	ENGINEERING
11667	EMERGENCY BACKUP GENERATOR WELL 32	21,767.00	0.00	0.00	0.00	21,767.00	300,331.00	278,564.00	ENGINEERING
11668	EMERGENCY BACKUP GENERATOR WELL 37	21,803.56	0.00	0.00	0.00	21,803.56	300,331.00	278,527.44	ENGINEERING
11693	GQPP AREA D3-1 SEWER DESIGN	10,126.62	40,603.56	0.00	-40,603.56	50,730.18	156,000.00	105,269.82	ENGINEERING
11716	PORTABLE BOOSTER/TRANSFER PUMP	148,226.35	0.00	0.00	0.00	148,226.35	180,000.00	31,773.65	PRODUCTION
11717	TRAILER MOUNTED PORTABLE GENERATORS	487,220.74	0.00	0.00	0.00	487,220.74	537,375.00	50,154.26	CONSTRUCTION & MAINT.
11720	WELL REHAB PROGRAM DESIGN - 2022 FY	68,918.31	0.00	0.00	0.00	68,918.31	120,000.00	51,081.69	PRODUCTION
11741	35C WELL REHABILITATION	28,729.59	3,460.82	0.00	-3,460.82	32,190.41	2,700,000.00	2,667,809.59	ENGINEERING
11742	34C WELL REHABILITATION	637,977.37	129,476.81	0.00	-129,476.81	767,454.18	794,000.00	26,545.82	ENGINEERING
11743	INSTALL 18-INCH INTERTIE LINE	3,174.77	1,138.59	0.00	-1,138.59	4,313.36	1,100,000.00	1,095,686.64	ENGINEERING
11769	19TH-20TH AVES & LITTLE MORONGO ROADWAY PROJECT	120,229.09	53,072.58	0.00	-53,072.58	173,301.67	309,000.00	135,698.33	ENGINEERING
11776	ENERGY CONSERVATION AND EFFICIENCY SVCS PLAN	63,160.06	86,290.82	0.00	-86,290.82	149,450.88	150,000.00	549.12	ADMINISTRATION
11790	2024 - NEW METERS 3/4" - 2"	308,086.20	18,212.87	0.00	-18,212.87	326,299.07	350,000.00	23,700.93	FIELD SERVICES
11809	13TH AVE DAMAGE: TSTORM HILARY	185,124.25	30,560.55	0.00	-30,560.55	215,684.80	200,000.00	-15,684.80	ENGINEERING
11810	THOMAS DR DAMAGE: TSTORM HILARY	33,158.02	244,516.80	0.00	-244,516.80	277,674.82	250,000.00	-27,674.82	ENGINEERING
11811	INDIAN CANYON DAMAGE: TSTORM HILARY	17,740.48	0.00	0.00	0.00	17,740.48	230,000.00	212,259.52	ENGINEERING
11813	MISSION LAKES DAMAGE: TSTORM HILARY	32,546.29	475,380.08	0.00	-475,380.08	507,926.37	525,000.00	17,073.63	ENGINEERING
11829	GEHL TH842 TELEHANDLER	0.00	177,317.22	0.00	-177,317.22	177,317.22	177,817.00	499.78	WASTEWATER
11830	CASE 570N EP SKIP LOADER	0.00	124,309.46	0.00	-124,309.46	124,309.46	124,500.00	190.54	WASTEWATER
11837	GIS ESRI - SBITA	47,976.75	144,077.20	0.00	-144,077.20	192,053.95	140,000.00	-52,053.95	FIELD SERVICES
11838	GIS CITYWORKS - SBITA	0.00	36,746.39	0.00	-36,746.39	36,746.39	270,000.00	233,253.61	FINANCE
11839	JOHN DEERE JD210P SKIP LOADER	0.00	132,952.65	0.00	-132,952.65	132,952.65	157,300.00	24,347.35	CONSTRUCTION & MAINT.
11841	WACHS ERV-750 VALVE MACHINE	0.00	44,419.95	0.00	-44,419.95	44,419.95	45,000.00	580.05	CONSTRUCTION & MAINT.
11844	BELT PRESS HOIZONTAL SCREW REPLACEMT	0.00	19,288.00	0.00	-19,288.00	19,288.00	22,775.00	3,487.00	WASTEWATER
11858	TERRACE BOOSTER REHAB PROJECT	0.00	5,646.66	0.00	-5,646.66	5,646.66	119,304.00	113,657.34	PRODUCTION
11859	TERRACE CLA-VAL REPLACEMENT	0.00	100,594.04	0.00	-100,594.04	100,594.04	112,617.00	12,022.96	PRODUCTION
11876	GQPP AD18 D3 PHS 1 WATER MAIN REPLACE: DESIGN	0.00	55,636.38	0.00	-55,636.38	55,636.38	67,000.00	11,363.62	CONSTRUCTION & MAINT.
11882	OPEN GOV-DIGITAL BUDGET/PROCUREMENT S/W	0.00	101,706.47	0.00	-101,706.47	101,706.47	136,506.00	34,799.53	CONSTRUCTION & MAINT.
TOTAL		69,443,586.88	3,200,211.99	0.00	-3,200,211.99	72,643,798.87	127,333,585.00	54,689,786.13	
40	Records Listed								

MISSION SPRINGS WATER DISTRICT
CAPITAL IMPROVEMENT PROJECTS - PAUSED
JANUARY 31, 2025

		BEG BAL	YEAR TO DATE	2024	FY 2024 BUDGET	TOTAL	ADOPTED	BALANCE	DEPARTMENT
JOBNO	PROJECT TITLE	07-01-2024	01-31-25	BUDGET	TO ACTUAL	COST	BUDGET	OF BUDGET	RESPONSIBLE
11087	HORTON WWTP EXPANSION #5	152,615.52	0.00	0.00	0.00	152,615.52	13,404,000.00	13,251,384.48	ENGINEERING
11159	1530 ZONE REDBUD TANK #2 LAND AND CONSTR	70,708.46	0.00	0.00	0.00	70,708.46	80,000.00	9,291.54	ENGINEERING
11205	I-10 & INDIAN SEWER COLLECTION SYSTEM	594,668.44	0.00	0.00	0.00	594,668.44	652,000.00	57,331.56	ENGINEERING
11472	AREA J-2	293,853.72	0.00	0.00	0.00	293,853.72	300,000.00	6,146.28	ENGINEERING
11556	HWWTP ASU DEMOLITION	45,077.20	0.00	0.00	0.00	45,077.20	167,275.00	122,197.80	ENGINEERING
11557	HWWTP PERCOLATION PONDS (2)	350,213.58	0.00	0.00	0.00	350,213.58	380,000.00	29,786.42	WASTEWATER
11598	BLOCK WALL AT CORP YARD & WASTEWATER FACILITY	1,451.86	0.00	0.00	0.00	1,451.86	155,000.00	153,548.14	ENGINEERING
11599	BLOCK WALL/FENCE AT TERRACE RESERVOIR	25,947.91	0.00	0.00	0.00	25,947.91	226,288.00	200,340.09	ENGINEERING
11600	BOOSTER PUMP REHAB PROGRAM	119,375.93	0.00	0.00	0.00	119,375.93	150,000.00	30,624.07	PRODUCTION
11601	MODULAR ENCL FOR CHLORINE EQUIP AT WELL SITES	88,417.25	0.00	0.00	0.00	88,417.25	124,180.00	35,762.75	PRODUCTION
11604	PAVEMENT REPAIRS - CORP YARD	43,757.39	0.00	0.00	0.00	43,757.39	345,575.00	301,817.61	ENGINEERING
11607	TERRACE RESERVOIR NO. 1	30,667.76	0.00	0.00	0.00	30,667.76	2,754,343.00	2,723,675.24	ENGINEERING
11608	TERRACE RESERVOIR NO. 2	32,374.80	0.00	0.00	0.00	32,374.80	2,814,461.00	2,782,086.20	ENGINEERING
11609	TERRACE RESERVOIR NO. 3	30,882.54	0.00	0.00	0.00	30,882.54	2,361,363.00	2,330,480.46	ENGINEERING
11613	HWWTP ABOVE GROUND PIPING & APPURTENANCE REHAB	343.68	0.00	0.00	0.00	343.68	150,000.00	149,656.32	ENGINEERING
11617	HWWTP SCADA UPGRADES	40,080.36	0.00	0.00	0.00	40,080.36	129,008.00	88,927.64	WASTEWATER
11622	2020 WATER CIP PIPELINE REPLACEMENT	275,188.54	0.00	0.00	0.00	275,188.54	2,264,975.00	1,989,786.46	ENGINEERING
11665	WELL AND RESERVOIR SITES SECURITY CAMERAS	2,366.86	0.00	0.00	0.00	2,366.86	225,075.00	222,708.14	PRODUCTION
11689	FILTRATION FOR HWWTP	108,952.07	0.00	0.00	0.00	108,952.07	1,500,000.00	1,391,047.93	ENGINEERING
11691	MUNICODE WEBSITE	9,021.78	0.00	0.00	0.00	9,021.78	31,000.00	21,978.22	ADMINISTRATION
11692	MUNICODE AGENDA	7,214.25	0.00	0.00	0.00	7,214.25	20,000.00	12,785.75	ADMINISTRATION
11733	ADMINISTRATION OFFICE REPAIRS DRYWL/PAINT	35,339.27	0.00	0.00	0.00	35,339.27	135,000.00	99,660.73	ADMINISTRATION
TOTAL		2,358,519.17	0.00	0.00	0.00	2,358,519.17	28,369,543.00	26,011,023.83	
22	Records Listed								

MISSION SPRINGS WATER DISTRICT
CAPITAL IMPROVEMENT PROJECTS - NOT STARTED
JANUARY 31, 2025

		BEG BAL	YEAR TO DATE	2024	FY 2024 BUDGET	TOTAL	ADOPTED	BALANCE	DEPARTMENT
JOBNO	PROJECT TITLE	07-01-2024	01-31-25	BUDGET	TO ACTUAL	COST	BUDGET	OF BUDGET	RESPONSIBLE
11460	WELL 29 CHROMIUM 6 TREATMENT DESIGN	0.00	0.00	0.00	0.00	0.00	200,000.00	200,000.00	ENGINEERING
11719	RESERVOIR REHAB PROGRAM DESIGN - 2022 FY	0.00	0.00	0.00	0.00	0.00	120,000.00	120,000.00	PRODUCTION
11737	PIERSON BLVD SLURRY SEAL PROJECT	0.00	0.00	0.00	0.00	0.00	183,000.00	183,000.00	ENGINEERING
11738	RIVERSIDE CTY MOUNTAIN VIEW RESURFACING PROJ	0.00	0.00	0.00	0.00	0.00	33,000.00	33,000.00	ENGINEERING
11789	WACHS ERV-750 VALVE MACHINE	0.00	0.00	0.00	0.00	0.00	42,000.00	42,000.00	CONSTRUCTION & MAINT.
11791	ERP SYSTEM REPLACEMENTS	0.00	0.00	0.00	0.00	0.00	1,710,000.00	1,710,000.00	INNOVATION & TECHNOLOGY
11812	LITTLE MORONGO DAMAGE: TSTORM HILARY	0.00	0.00	0.00	0.00	0.00	30,000.00	30,000.00	ENGINEERING
11840	VACUUM EXTRACTOR	0.00	0.00	0.00	0.00	0.00	143,000.00	143,000.00	CONSTRUCTION & MAINT.
11842	WALK BEHIND TRENCHER	0.00	0.00	0.00	0.00	0.00	12,100.00	12,100.00	CONSTRUCTION & MAINT.
11843	AXLE WEIGHING SYSTEM	0.00	0.00	0.00	0.00	0.00	15,070.00	15,070.00	WASTEWATER
11845	HEADWORKS GRIT CLASSIFIER SCREW REPLACEMT	0.00	0.00	0.00	0.00	0.00	96,076.00	96,076.00	WASTEWATER
11846	AVILIGON CAMERA SYSTEM (HORTON)	0.00	0.00	0.00	0.00	0.00	71,886.00	71,886.00	WASTEWATER
11847	JWC AUGER REPLACEMENT	0.00	0.00	0.00	0.00	0.00	28,898.00	28,898.00	WASTEWATER
11848	ODOR CONTROL GREASE FILTER	0.00	0.00	0.00	0.00	0.00	17,000.00	17,000.00	WASTEWATER
11849	PSC - WPSV INTERTIE	0.00	0.00	0.00	0.00	0.00	358,010.00	358,010.00	ENGINEERING
11850	WATERLINE REPLACEMENT(S): EASEMENTS	0.00	0.00	0.00	0.00	0.00	64,000,000.00	64,000,000.00	ENGINEERING
11851	CHLORINE ENCLOSURES	0.00	0.00	0.00	0.00	0.00	169,474.00	169,474.00	PRODUCTION
11852	GATEWAY PLC UPGRADE	0.00	0.00	0.00	0.00	0.00	23,150.00	23,150.00	PRODUCTION
11853	HIGHLAND SOLAR & COMMUNICATIONS UPGRADE	0.00	0.00	0.00	0.00	0.00	23,442.00	23,442.00	PRODUCTION
11854	LITTLE MORONGO BOOSTER INSTALL	0.00	0.00	0.00	0.00	0.00	167,605.00	167,605.00	PRODUCTION
11855	LOW DESERT VIEW BOOSTER REHAB	0.00	0.00	0.00	0.00	0.00	69,304.00	69,304.00	PRODUCTION
11856	QUAL ALTITUDE VALVE UPGRADE	0.00	0.00	0.00	0.00	0.00	40,033.00	40,033.00	PRODUCTION
11857	SCADA SERVER UPGRADE	0.00	0.00	0.00	0.00	0.00	24,341.00	24,341.00	PRODUCTION
11860	WELL 25A REHABILITATION	0.00	0.00	0.00	0.00	0.00	104,211.00	104,211.00	PRODUCTION
11861	WELL 26A FENCING/ELEC POLE PROJECT	0.00	0.00	0.00	0.00	0.00	56,901.00	56,901.00	PRODUCTION
11862	M-2 WATERLINE REPLACEMENT	0.00	0.00	0.00	0.00	0.00	3,574,309.00	3,574,309.00	ENGINEERING
TOTAL		0.00	0.00	0.00	0.00	0.00	71,312,810.00	71,312,810.00	
26	Records Listed								

MISSION SPRINGS WATER DISTRICT
CAPITAL IMPROVEMENT PROJECTS - COMPLETED
JANUARY 31, 2025

		BEG BAL	YEAR TO DATE	2024	FY 2024 BUDGET	TOTAL	ADOPTED	BALANCE	DEPARTMENT
JOBNO	PROJECT TITLE	07-01-2024	01-31-25	BUDGET	TO ACTUAL	COST	BUDGET	OF BUDGET	RESPONSIBLE
10371	SEWER LINE ENCASEMENT I-10 CROSSING @ INDIAN	251,972.22	0.00	0.00	0.00	251,972.22	251,972.00	-0.22	ENGINEERING
10693	WELL SITE-WORSLEY RD NORTH-27 ACRES	39,326.00	0.00	0.00	0.00	39,326.00	39,326.00	0.00	ENGINEERING
10702	WELL SITE WORSLEY-ENV/ENG	2,404.50	0.00	0.00	0.00	2,404.50	2,405.00	0.50	ENGINEERING
10969	PRELIM DESIGN/ENG HORTON WWTP EXP# 5	171,702.93	0.00	0.00	0.00	171,702.93	171,703.00	0.07	ENGINEERING
11032	FINAL DESIGN HORTON WWTP EXP #5	940,340.32	0.00	0.00	0.00	940,340.32	940,340.00	-0.32	ENGINEERING
11076	WELL #38 DESIGN & ENVIRONMENTAL	366,443.48	0.00	0.00	0.00	366,443.48	375,000.00	8,556.52	ENGINEERING
11088	EIR HORTON WWTP EXPANSION #5	71,415.62	0.00	0.00	0.00	71,415.62	71,416.00	0.38	ENGINEERING
11282	MISSION CREEK - 80 ACRES	325,077.18	0.00	0.00	0.00	325,077.18	328,000.00	2,922.82	ENGINEERING
11392	WELL & BOOSTER SCADA ENHANCEMENT	29,207.20	0.00	0.00	0.00	29,207.20	30,000.00	792.80	PRODUCTION
11498	HWWTP PERCOLATION POND REHAB	28,181.34	0.00	0.00	0.00	28,181.34	42,000.00	13,818.66	WASTEWATER
11602	ELECTRICAL PANEL/MOTOR REHAB (3 SITES)	700,272.63	0.00	0.00	0.00	700,272.63	741,404.00	41,131.37	PRODUCTION
11787	JOHN DEERE 3032E COMPACT UTILITY TRAILER	30,405.00	0.00	32,000.00	32,000.00	30,405.00	32,000.00	1,595.00	WASTEWATER
11788	MUFFIN MONSTER 6" INLINE GRINDER	16,197.28	0.00	15,100.00	15,100.00	16,197.28	17,100.00	902.72	WASTEWATER
11831	JOHN DEERE GATOR TE MODEL (1 OF 2)	0.00	15,372.77	0.00	-15,372.77	15,372.77	16,000.00	627.23	WASTEWATER
11832	JOHN DEERE GATOR TX MODEL (2 OF 2)	0.00	15,372.77	0.00	-15,372.77	15,372.77	16,000.00	627.23	ENGINEERING
TOTAL		2,972,945.70	30,745.54	47,100.00	16,354.46	3,003,691.24	3,074,666.00	70,974.76	
15	Records Listed								

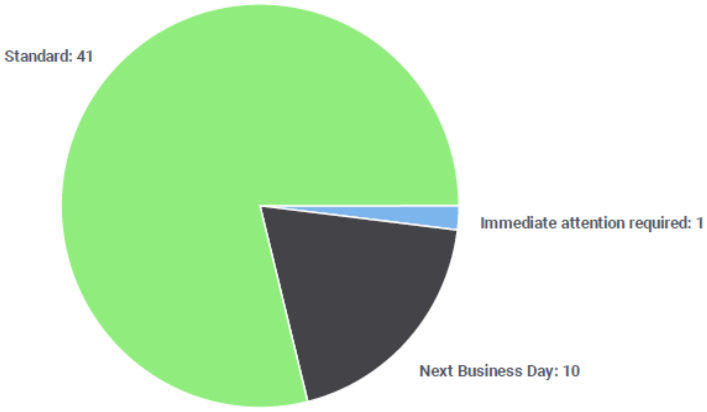
APPENDIX B – Innovation & Technology Information

INTELESYS
IT for Public Sector

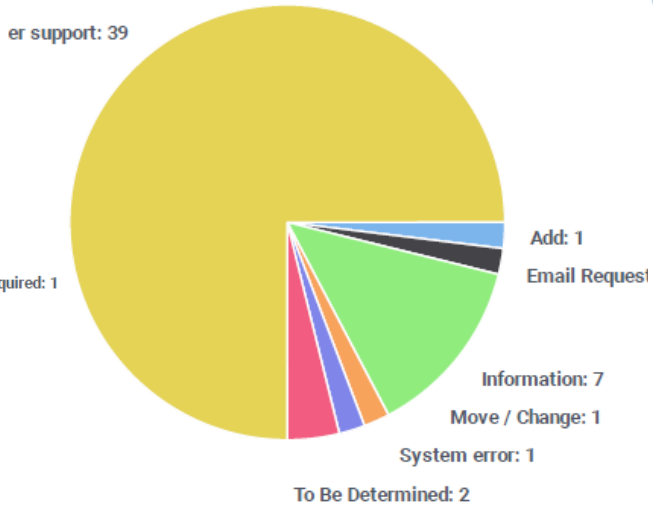
Mission Springs — February, 2025 Client report

Client Activity Report and Analysis

Tickets received by Priority



Tickets received By Type



Client Service Rating	
Overall Satisfaction	—
Number of Service Requests	50
Number of Survey Responses	0
Response Rate	0%

Tickets Received	**50**
Tickets Closed	**50**
Ticket MTTR	**7.44**

Client Hours — January

Hours on SOs	113
Hours on Projects	3
Meeting Hours	0
TOTAL HOURS	116

securing Technology

INTELESYS
IT for Public Sector

Mission Springs — February, 2025 Client report

January Client Meetings

Meeting Title	Topics	Time Allocated
–	• No Feb Meeting	0

Client Pending Projects

Project Title	Purpose
Global RMA	RMA Firewall rebuild
Client Server Updates	Update security servers

APPENDIX B – Wastewater & Water Production Tables

WASTEWATER REPORT

SEWER CONNECTION SUMMARY														
	2024/25	2023/24	2022/23	2021/22	2020/21	2019/20	2018/19	2017/18	2016/17	2015/16	2014/15	2013/14	2012/13	2011/12
July	9	4	4	18	8	7	9	51	2	1	139	2	0	0
August	7	12	26	20	4	1	8	53	2	4	214	4	0	2
September	2	17	20	20	5	2	12	8	11	2	90	2	1	0
October	2	3	13	36	9	4	8	12	4	21	65	8	2	1
November	22	7	8	29	50	10	9	7	7	1	52	18	7	3
December	5	21	8	12	9	3	3	64	1	0	86	22	11	2
January	1	2	35	14	21	7	1	16	8	3	27	3	11	1
February	55	1	4	7	23	5	1	42	0	3	5	46	6	1
March		1	24	17	48	1	0	23	5	0	31	16	2	1
April		7	16	7	18	3	3	15	30	0	8	95	14	3
May		8	9	16	17	11	3	20	45	7	13	98	3	2
June		0	4	2	21	7	3	6	70	4	4	72	2	0
Annual	**103**	**83**	**171**	**198**	**233**	**61**	**60**	**317**	**185**	**46**	**734**	**386**	**59**	**16**

Connections to Sewer Collection System:

As of June 30, 2024	8,919
Plus YTD	103
Total Sewer Connections =	**9,022**

WASTEWATER FLOW MGD						
2024/25	HORTON PLANT		DESERT CREST		WRIGHT PLANT	
	Avg. Daily Flow	Peak 24 hr. Flow	Avg. Daily Flow	Peak 24 hr. Flow	Avg. Daily Flow	Peak 24 hr. Flow
July	2.065945	2.184078	0.039738	0.046230	0.000000	0.000000
August	2.132868	2.253870	0.045258	0.063150	0.000000	0.000000
September	2.084274	2.299028	0.042407	0.050700	0.000000	0.000000
October	2.056787	2.242007	0.045147	0.054820	0.000000	0.000000
November	2.080992	2.260242	0.045151	0.050590	0.000000	0.000000
December	2.063171	2.208058	0.043790	0.047380	0.000000	0.000000
January	2.052011	2.229541	0.043768	0.046930	0.000000	0.000000
February	2.021628	2.159446	0.042657	0.048510	0.173333	0.260000
March						
April						
May						
June						

WASTEWATER FLOW MGD						
2023/24	HORTON PLANT		DESERT CREST		WRIGHT PLANT	
	Avg. Daily Flow	Peak 24 hr. Flow	Avg. Daily Flow	Peak 24 hr. Flow	Avg. Daily Flow	Peak 24 hr. Flow
July	1.922043	2.149212	0.050983	0.071200	0.000000	0.000000
August	1.929369	2.592078	0.047453	0.067540	0.000000	0.000000
September	2.037218	2.182773	0.046081	0.055570	0.000000	0.000000
October	2.050049	2.173503	0.040804	0.051000	0.000000	0.000000
November	2.065661	2.265582	0.046158	0.059550	0.000000	0.000000
December	2.037725	2.208722	0.045566	0.057730	0.000000	0.000000
January	2.014687	2.152567	0.045226	0.049620	0.000000	0.000000
February	1.999080	2.184408	0.047016	0.053920	0.000000	0.000000
March	2.075331	2.301861	0.047050	0.054740	0.000000	0.000000
April	2.059142	2.222371	0.040275	0.047630	0.000000	0.000000
May	1.983604	2.113440	0.036827	0.040730	0.000000	0.000000
June	1.982771	2.091744	0.039008	0.046700	0.000000	0.000000

WATER REPORT

WATER CONNECTION SUMMARY

	2024/25	2023/24	2022/23	2021/22	2020/21	2019/20	2018/19	2017/18	2016/17	2015/16	2014/15	2013/14	2012/13
July	9	5	6	18	7	4	5	7	2	0	0	1	0
August	14	14	28	19	6	10	5	3	2	2	0	1	0
September	6	19	22	23	18	2	14	4	13	3	0	2	2
October	2	4	16	33	13	3	21	8	3	20	0	5	1
November	25	9	10	27	10	16	4	0	7	3	0	1	0
December	6	5	9	9	2	17	3	3	2	0	0	2	0
January	1	5	26	14	15	6	3	20	1	1	2	2	0
February	59	3	14	8	13	8	5	11	1	0	1	0	1
March		6	29	19	16	2	3	6	5	0	12	0	0
April		11	24	6	11	1	3	7	11	2	7	0	1
May		9	16	19	15	12	5	11	9	8	2	0	1
June		3	5	1	24	11	2	8	2	10	1	0	0
Annual	**122**	**93**	**205**	**196**	**150**	**92**	**73**	**88**	**58**	**49**	**25**	**14**	**6**
Avg./ Mo.	**10.17**	**7.75**	**17.08**	**16.33**	**12.50**	**7.67**	**6.08**	**7.33**	**4.83**	**4.08**	**2.08**	**1.17**	**0.50**

Connections to Water System:

As of June 30, 2024	13,636
Plus YTD	122
Total Water Connections =	**13,758**

WATER PRODUCTION SUMMARY

	FY 2024/25	Variance from prior year		FY 2023/24	FY 2022/23	FY 2021/22	FY 2020/21	FY 2019/20	FY 2018/19	FY 2017/18	FY 2016/17	FY 2015/16	FY 2014/15
	AF	AF	%	AF	AF	AF	AF	AF	AF	AF	AF	AF	AF
July	939.07	149.08	18.87%	789.99	751.79	796.57	857.77	853.23	857.20	835.87	714.50	659.11	859.00
August	818.63	80.89	10.96%	737.74	850.19	839.93	885.31	795.18	806.47	829.93	808.54	706.62	730.71
September	785.85	110.79	16.41%	675.06	716.03	738.65	784.80	757.08	689.47	712.40	679.54	657.37	800.67
October	718.26	9.03	1.27%	709.23	691.98	665.18	755.84	709.39	709.81	733.86	678.33	575.86	716.30
November	574.08	-54.97	-8.74%	629.05	599.39	679.85	690.13	619.87	631.75	642.41	601.89	582.22	533.69
December	647.08	117.09	22.09%	529.99	554.27	565.48	588.32	537.23	502.16	584.24	520.63	503.10	590.83
January	572.24	15.67	2.82%	556.57	530.39	580.28	537.96	553.20	570.20	599.52	465.10	431.38	526.86
February	509.08	50.39	10.99%	458.69	490.41	527.34	495.61	520.85	415.49	512.79	453.39	483.92	506.49
March		0.00	0.00%	560.24	500.37	601.44	625.80	557.73	490.92	536.09	549.50	514.05	614.94
April		0.00	0.00%	649.67	552.34	624.07	649.34	573.02	635.08	644.06	540.56	502.36	622.58
May		0.00	0.00%	696.24	726.25	745.36	723.62	698.99	598.36	697.15	731.81	601.83	590.28
June		0.00	0.00%	700.11	682.09	730.02	761.63	806.02	710.39	688.74	732.68	685.93	706.34
TOTAL	**5,564.29**	**477.97**	**9.40%**	**7,692.58**	**7,645.50**	**8,094.17**	**8,356.13**	**7,981.79**	**7,617.30**	**8,017.06**	**7,476.47**	**6,903.75**	**7,798.69**

APPENDIX C – Federal & State Legislative Information

CARPI & CLAY

Mission Springs Water District Federal Update

February 28, 2025

Appropriations Update

With roughly two weeks left until the expiration of the current Continuing Resolution (CR) on March 14th, House and Senate Appropriators are still working to find a path forward for the Fiscal Year (FY) 2025 appropriations bills. However, it is becoming increasingly likely that Congress will need to pass another CR to avoid a government shutdown as bipartisan funding negotiations remain stalled. Negotiations have been hampered by Democrats' concerns that President Trump might block the disbursement of funds included in any final agreement. Even if a top-line deal is reached, appropriators will need additional time to finalize the 12 full-year spending bills, making it unlikely they will be completed before mid-March. Given these challenges, Congress may resort to a CR that extends current funding levels for the remainder of FY25, limiting agencies' ability to launch new initiatives or modify existing programs.

Looking ahead to Fiscal Year 2026, House Appropriations Chair Tom Cole (R-OK) announced that the committee will begin marking up appropriations bills in April. Many Members of Congress are already moving forward with the request process, accepting proposals for programmatic funding, report language, and community project funding (earmarks). Meanwhile, the Senate Appropriations Committee has not yet announced its schedule for the FY26 appropriations process.

House and Senate Pass Separate Budget Resolutions

The House and Senate are advancing competing budget resolutions, both aiming to further the President's agenda. Tuesday evening, the House passed its budget resolution (**H. Con. Res. 14**) which includes $4.5 trillion in tax cuts and over $1.5 trillion in spending reductions. Earlier this month, the Senate passed its own budget resolution (**S. Con. Res. 7**), focusing on border security, defense, and energy spending but excluding an extension of the 2017 tax cuts. The House and the Senate will now need to come together to reconcile the differences in their resolutions.

Federal Employee Reductions

The Department of Government Efficiency (DOGE) has implemented widespread staff reductions across federal agencies as part of a broader effort to streamline operations and reduce spending. These measures have resulted in layoffs affecting both career and probationary employees—totaling roughly 30,000 federal workers across various departments, including independent agencies. **A memo** dated February 26th from the Office of Management and Budget (OMB) and the Office of Personnel Management (OPM) mandates that agencies develop reorganization plans by

March 13th, focusing on eliminating non-essential positions and reducing management layers. There is growing concern that further job cuts could disrupt government services, particularly those supporting local governments.

Trump Cabinet Nominations

The Senate continues to work through confirming President Trump's cabinet secretaries. The chart below details approval votes for confirmed nominees.

Dept/Agency	Position	Nominee	Confirmation
Agriculture	Secretary	Brooke Rollins	2/13 by a vote of 72-28
Commerce	Secretary	Howard Lutnick	2/18 by a vote of 51-45
Defense	Secretary	Pete Hegseth	1/24 by a vote of 51-50
Education	Secretary	Linda McMahon	*pending*
Energy	Secretary	Chris Wright	2/3 by a vote of 59-38
Health & Human Services	Secretary	Robert F. Kennedy, Jr.	2/13 by a vote of 52-48
Homeland Security	Secretary	Kristi Noem	1/25 by a vote of 59-34
Housing & Urban Development	Secretary	Scott Turner	2/5 by a vote of 55-45
Interior	Secretary	Doug Burgum	1/30 by a vote of 79-18
Justice	Attorney General	Pam Bondi	2/4 by a vote of 54-46
Labor	Secretary	Lori Chavez-DeReemer	*pending*
State	Secretary	Marco Rubio	1/21 by a vote of 99-0
Transportation	Secretary	Sean Duffy	1/28 by a vote of 77-22
Treasury	Secretary	Scott Bessent	1/27 by a vote of 68-29
Veterans Affairs	Secretary	Doug Collins	2/4 by a vote of 77-23
Central Intelligence Agency	Director	John Ratcliffe	1/23 by a vote of 74-25
Environmental Protection Agency	Administrator	Lee Zeldin	1/29 by a vote of 56-42
Office of Management and Budget	Director	Russel Vought	2/6 by a vote of 53-47

Trump Administration Appointments

President Trump and his Cabinet officials announced the below political appointees in February.

Dept/Agency	Position	Appointee
Energy	Administrator of the Energy Information Administration	Tristan Abbey
Energy	Assistant Secretary for Energy Efficiency and Renewable Energy	Audrey Robertson

Energy	Assistant Secretary for International Affairs	David Eisner
Energy	Chief Financial Officer	Tina Pierce
EPA	Assistant Administrator, Office of Air and Radiation	Aaron Szabo
EPA	Assistant Administrator, Office of Water	Jessica Kramer
EPA	Chief Financial Officer	Catherine Paige Hanson
EPA	General Counsel	Sean Donahue
Interior	Assistant Secretary for the Office of Water and Science	Andrea Travnicek
Interior	Director of the Bureau of Land Management	Kathleen Sgamma
Interior	Director of the Fish and Wildlife Service	Brian Nesvik

LEGISLATIVE ACTIVITY AND COMMITTEE ASSIGNMENTS

House Members Reintroduce Bipartisan Water Systems PFAS Liability Protection Act. Representatives Marie Gluesenkamp-Perez (D-WA) and Celeste Maloy (R-UT) reintroduced the *Water Systems PFAS Liability Protection Act* (**H.R. 1267**). The legislation would provide guardrails to protect water and wastewater agencies from liabilities related to the EPA CERCLA hazardous substances designation. The bill was referred to the Committees on Energy and Commerce and Transportation and Infrastructure for consideration.

CONGRESSIONAL LETTERS

Reps. Huffman and Larsen Seek Answers on Unscheduled California Water Releases. Representatives Jared Huffman (D-CA), Ranking Member of the House Natural Resources Committee, and Rick Larsen (D-WA), Ranking Member of the House Transportation and Infrastructure Committee, **sent a letter** to Defense Secretary Pete Hegseth and Interior Secretary Doug Burgum seeking answers on the US Army Corps of Engineers' unscheduled release of water from Terminus Dam and Schafer Dam in California's Central Valley.

FEDERAL AGENCY REGULATORY ACTIONS

CEQ Releases Interim Final Rule on Implementing NEPA Regulations. The Council on Environmental Quality (CEQ) released an **interim final rule** (IFR) to remove existing implementation regulations for the National Environmental Policy Act of 1969 (NEPA) to align the NEPA process with President Trump's Executive Order (EO) titled "**Unleashing American**

Energy.” The IFR removes all NEPA regulations, including 40 CFR parts 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, and 1508. The effective date of the IFR is April 11th.

##

CA LOBBY

Mission Springs Water District
Sacramento Update

February 2025

As February concludes, the legislative process is kicking into high gear. The bill introduction deadline passed on February 21 and amendments are starting to come in for bills that were introduced in December 2024 and January 2025. The next phase of the Legislative Session will focus on policy committee hearings, where bills will have their first public hearing.

February provided some good news on the water front with multiple storms that allowed for both state and federal officials to provide additional water to water agencies. Specifically, the Department of Water Resources announced that they will provide 35% of the requested water supplies, up from 15% in December.

Bill Introductions

With the bill introduction deadline having passed we are starting to get a better sense of what the landscape will look like in Sacramento this year, at least from the standpoint of legislation. As previously discussed, the bill introductions were slower than usual this year due to the focus on the Los Angeles fires. However, the Legislators made up for lost time introducing a total of 2,350 bills, comprised of 1,500 Assembly Bills and 850 Senate Bills. In comparison, last year there were 2,124 bills introduced, with 1,505 Assembly Bills and 619 Senate Bills. We will continue to review all bills and amendments for any impact on Mission Springs.

State Budget

The Legislature has begun their review of the Governor's proposed 2025-26 state budget. The Assembly and Senate both held high level overview hearings regarding the Climate Bond in February. The Legislature will continue to hold Budget Subcommittee hearings from now until the Governor releases his May Revise budget in mid-May.

California's budget outlook remains up in the air, with potential actions by the Trump Administration and delayed tax filings due to the Los Angeles fires. The Legislative Analysts Office did offer a small glimmer of hope in February, suggesting that revenues could be $4 billion above the Governor's January Budget projections due to strong income tax collections over the last year. However, the state's revenues were $361 million lower than

expected in January, with the Department of Finance citing delayed tax deadlines for Los Angeles County residents.

Special Session Update

On February 3, the California Legislature approved the Special Session legislation (SBX1-1 and SBX1-2 both authored by Senator Wiener) that allocated $50 million for legal fights with the Trump Administration. After the legislation was passed, the Legislature adjourned and closed the special legislative session that began on December 1, 2024.

APPENDIX D – Public Affairs Information



MSWD WATER MATTERS News From Your Water Provider - February 2025

MSWD Earns Top Honors from Regional California Water Environment Association

During a special ceremony hosted by the California Water Environment Association and its Colorado River Basin Section, Mission Springs Water District recently took home top honors for Community Engagement & Outreach Project of the Year (small plant category) Operator of the Year (Joey McElrone), and Collections System Person of the Year (Grant Fournier). In addition, intern Jeremy Minjarez was named the 2024 Outstanding Young Professional.

As part of the MSWD internship program with the Desert Hot Springs High School REAL Academy, Jeremy received hands-on training in various tasks wastewater employees handle daily including maintaining the wastewater treatment plant, collecting samples, conducting lab tests, sludge dewatering and removal, managing effluent discharge, and maintaining the collections system.

Founded in 1928, CWEA unites wastewater professionals from throughout the state. Together, they address real-time issues, develop and deliver cutting-edge training, raise awareness of the profession, and shape the future of wastewater. Since 1989, MSWD and its staff have won 42 Colorado River Basin Section CWEA awards, including nine personnel awards and 16 plant of the year honors. For a list of MSWD awards, visit mswd.org/awards.



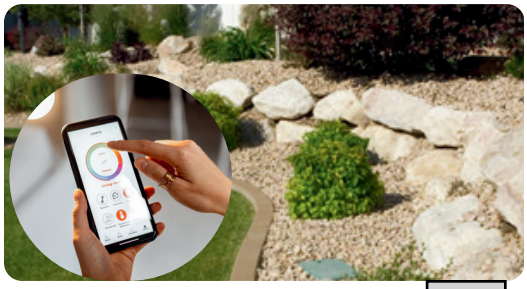
Watering Schedules for Cooler Weather

The cooler weather means you can save water and money by reducing your watering schedule, plants need less water when it's cooler and the best time to water outdoors is always during non-daylight hours and remember to turn off irrigation for 48 hours after rainfall to reduce water waste.

During the months of February and March, watering your water efficient shrubs needs almost a gallon a day, 3 days a week. Water efficient trees need about 18-21 gallons per day, 3-4 days a week, and non-desert, less water efficient trees need about 54 gallons per day, 3-4 days a week.

Take control by installing a smart controller, you can save up to 15,000 gallons of water per year and you may qualify for up to a $150 rebate. Eligible weather-based irrigation controllers use weather data (cellular, Wi-Fi or sensor) and have rain shut-off capability.

To check out the list of controllers that meet this requirement, go to mswd.org/rebates, or scan the QR code.





MSWD WATER MATTERS

Noticias de Su Proveedor de Agua - Febrero 2025

MSWD Recibe los Más Altos Honores de la Asociación Regional del Medio Ambiente del Agua de California

Durante una ceremonia especial organizada por la Asociación del Medio Ambiente del Agua de California y su Sección de la Cuenca del Río Colorado, el Distrito de Agua de Mission Springs recibió recientemente los más altos honores en varias categorías: Proyecto de Participación Comunitaria y Divulgación del Año (categoría de planta pequeña), Operador del Año (Joey McElrone) y Persona del Sistema de Recolección del Año (Grant Fournier). Además, el pasante Jeremy Minjarez fue nombrado Joven Profesional Destacado 2024.

Como parte del programa de pasantías de MSWD en colaboración con la REAL Academy de Desert Hot Springs High School, Jeremy recibió capacitación práctica en diversas tareas que los empleados de aguas residuales manejan a diario. Estas incluyen el mantenimiento de la planta de tratamiento de aguas residuales, la recolección de muestras, la realización de pruebas de laboratorio, el deshidratado y eliminación de lodos, la gestión de la descarga de efluentes y el mantenimiento del sistema de recolección.

Fundada en 1928, la CWEA reúne a profesionales de aguas residuales de todo el estado. Juntos, abordan problemas en tiempo real, desarrollan y ofrecen capacitación de vanguardia, aumentan la conciencia sobre la profesión y dan forma al futuro del tratamiento de aguas residuales. Desde 1989, MSWD y su personal han ganado 42 premios de la Sección de la Cuenca del Río Colorado de la CWEA, incluidos nueve premios al personal y 16 reconocimientos a la planta del año. Para ver la lista de premios de MSWD, visita mswd.org/awards.



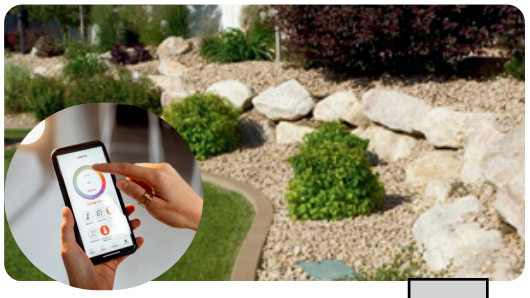
Horarios de Riego para Climas Más Frescos

El clima más fresco significa que puedes ahorrar agua y dinero reduciendo tu horario de riego. Las plantas necesitan menos agua cuando hace frío, y el mejor momento para regar al aire libre es siempre durante las horas sin luz solar. Recuerda apagar el riego durante 48 horas después de la lluvia para evitar el desperdicio de agua.

Durante los meses de febrero y marzo, los arbustos de bajo consumo de agua necesitan casi un galón de agua al día, 3 días a la semana. Los árboles eficientes en el uso del agua requieren entre 18 y 21 galones por día, de 3 a 4 días a la semana, mientras que los árboles no desérticos y menos eficientes en el uso del agua necesitan aproximadamente 54 galones por día, de 3 a 4 días a la semana.

Toma el control instalando un controlador inteligente. Puedes ahorrar hasta 15,000 galones de agua al año y podrías calificar para un reembolso de hasta $150. Los controladores de riego basados en el clima elegibles utilizan datos meteorológicos (celular, Wi-Fi o sensor) y tienen la capacidad de apagarse automáticamente en caso de lluvia.

Para ver la lista de controladores que cumplen con este requisito, visita mswd.org/rebates o escanea el código QR.



Congress of the United States
Washington, DC 20515

February 1, 2025

The Honorable Pete Hegseth
Secretary
Department of Defense
1000 Defense Pentagon
Washington, DC 20301

The Honorable Doug Burgum
Secretary
Department of the Interior
1849 C Street NW
Washington, DC 20240

Dear Secretary Hegseth and Secretary Burgum:

We are writing to request information on this week's abrupt, unscheduled water releases from Terminus Dam and Schafer Dam in California's Central Valley by the U.S. Army Corps of Engineers. According to multiple news reports, these releases deviated from established flood safety protocols and were carried out with minimal notice—leaving state and local government officials and local water managers "caught off-guard" as flows rapidly escalated from nominal levels to channel capacity within hours.[1] This sudden, uncoordinated move raises serious concerns for downstream agricultural operations and communities since local authorities had little time to adjust or plan accordingly. We are equally concerned that these releases did not meet their stated intent of providing Los Angeles with additional water, and could reduce the availability of critical municipal and agricultural water supplies later in the year, further exacerbating the fire, safety, and economic risks facing this drought prone region for years.

In light of these issues, we respectfully request that you promptly provide answers to the following questions no later than Friday, February 7, 2025:

1. **Deviation from Flood Safety Operating Rules**
   Who specifically gave the order to breach established flood safety rules for water releases? When was it given and why was it given? Did President Trump—or anyone in the White House—directly order the Corps to carry out these releases? What was the Department of Government Efficiency's involvement, if any, in these efforts?

2. **Coordination with Local Authorities**
   Please provide the specific steps taken in advance to coordinate these releases with state and local government officials, local water managers, agricultural stakeholders, and public safety officials, including a list of all parties that were contacted prior to these releases , when they were contacted, and by whom they were contacted?

3. **Impact on Water Usage**
   What are the objectives the release of this water is supposed to achieve and how will it be used to achieve those objectives? What considerations were made about the impact of these releases on critical municipal and agricultural water supply needs later this year? What considerations were made considering current drought protections and decreased snowpack estimates for the region? How will these releases meet their intended uses

[1] https://www.latimes.com/environment/story/2025-01-31/trump-california-dams-opened-up

when it is likely that much of the released water will be lost to evaporation rather than put to beneficial use? What plan is in place to replenish the water supplies lost from this release?

4. **Future Release Plans**
   Are similar actions being considered moving forward, and if so, what assurances can be provided that full coordination with local and state agencies will be maintained?

It is vital that decisions regarding major dam releases be made with transparency, coordination, and a steadfast commitment to public safety. The public deserves clear answers to these questions and assurances that no similar actions will be taken in the future that jeopardize the safety of downstream communities or undermines the water planning necessary to meet their needs. Please provide a response no later than Friday,

Sincerely,





Jared Huffman
Ranking Member
House Committee on Natural Resources

Rick Larsen
Ranking Member
House Committee on Transportation and Infrastructure

cc:

Lieutenant General William H. "Butch" Graham, Jr., Chief of Engineers and Commanding General, U.S. Army Corps of Engineers

David Palumbo, Acting Commissioner, Bureau of Reclamation

MSWD obtiene los máximos honores de la Asociación Regional del Medio Ambiente del Agua de California

Desert Hot Springs
www.mswd.org

Mission Springs Water District se llevó a casa cuatro premios, incluidos el Proyecto de participación y divulgación comunitaria del año, el Operador del año, la Persona del año del sistema de recolección y el Premio al joven profesional destacado, durante una ceremonia especial organizada por la Asociación del Medio Ambiente del Agua de California y su Sección de la Cuenca del Río Colorado.







Jeremy Minjarez, estudiante de la Academia REAL de la Desert Hot Springs High School y pasante de MSWD, fue nombrado el joven profesional destacado de 2024. Como parte del programa de pasantías de MSWD, Jeremy recibió capacitación práctica en varias tareas que los empleados de aguas residuales manejan a diario. Según su supervisor, el operador jefe interino de la planta, Andy Grunnet, *"Destacó y mostró entusiasmo por todo lo que aprendió, incluido el mantenimiento de la planta de tratamiento de aguas residuales, la recolección de muestras, la realización de pruebas de laboratorio, la deshidratación y eliminación de lodos, la gestión de la descarga de efluentes y el mantenimiento del sistema de recolección".*

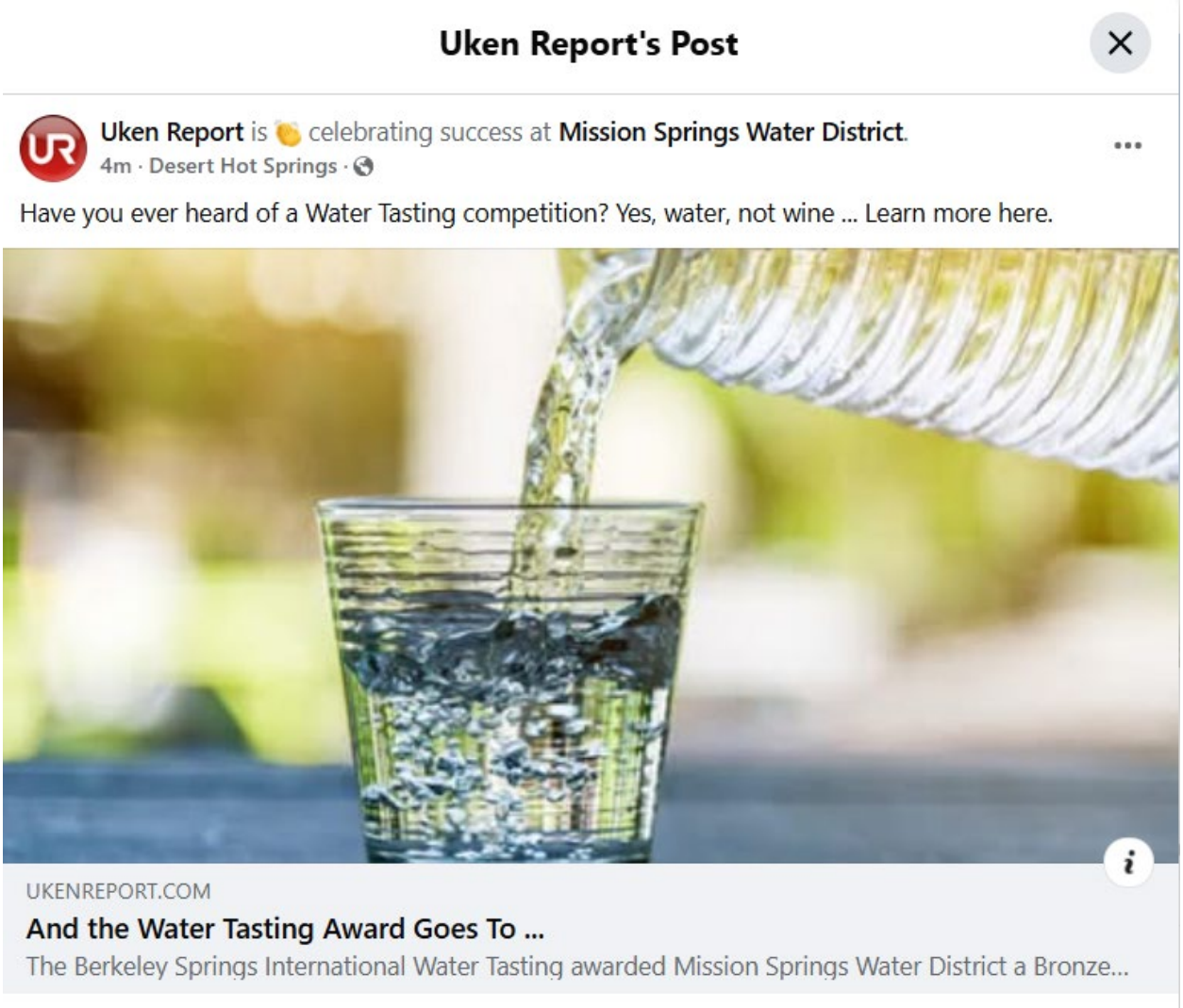


Minjarez también ofreció asistencia y se ofreció como voluntario para ayudar con eventos, y habló sobre su experiencia como pasante en MSWD y la asociación continua con REAL Academy durante nuestra ceremonia de inauguración de la Instalación Regional de Recuperación de Agua Nancy Wright.

MSWD también se llevó a casa los máximos honores por el Proyecto de Difusión y Participación Comunitaria del Año (categoría de planta pequeña) por la Instalación Regional de Recuperación de Agua Nancy Wright, así como por el Operador del Año (Joey McElrone) y la Persona del Sistema de Recolección del Año (Grant Fournier).

Fundada en 1928, CWEA reúne a profesionales de aguas residuales de todo el estado. Juntos, abordan problemas en tiempo real, desarrollan y brindan capacitación de vanguardia, generan conciencia sobre la profesión y dan forma al futuro de las aguas residuales.

Desde 1989, MSWD y su personal han ganado 42 premios CWEA de la Sección de la Cuenca del Río Colorado, incluidos nueve premios perso.



https://ukenreport.com/and-the-water-tasting-award-goes-to/?fbclid=IwZXh0bgNhZW0CMTEAAR2RmLcZJkcWn0B2pxV65qM69IZcmmo_KNyYC6yCP2OH8e1bw43tZ5rVipA_aem_In8tI8WZNXOF9_WuDaKwHQ

UKEN REPORT
THE FACTS COME FIRST
Experienced | Honest | Respected



MSWD Water Production Operator Adam Wagner draws water from an MSWD well in preparation for the 2025 Berkeley Springs International Water Tasting. (Photo courtesy of MSWD)

BERKELEY SPRINGS, WEST VIRGINIA — The Berkeley Springs International Water Tasting, the world's most prestigious, awarded Mission Springs Water District a Bronze Medal on Saturday, bringing the District's total medal count to 11 since it first entered the annual contest in 1997. Award winners represented three out of the four continents that had submitted among over 80 entries.

The Municipal Water Category saw a US sweep, from the West Coast to the East Coast and in between, including three previous gold medal winners. Emporia, KS took home their second Gold Medal. The silver medal was won by hometown favorite, Berkeley Springs, WV, and Bronze went to Mission Springs Water District, Desert Hot Springs, CA. Respectively Fourth place went to Southwest Water Authority, Dickinson, ND, and tied for fifth place, just one single point behind, was Piedmont, WV and City of Santa Ana.

View Satellite Map
Earth View 360°
Open ›

The ten judges included The WV Food Guy, representatives from Academic Travel Abroad and Insider's Guide to Spas, as well as various regional and national media including newspapers, websites, blogs, and online and print magazines. They were trained by von Wiesenberger to look, sniff and taste each water under guidelines similar to those in wine tasting. The waters were rated for each attribute including appearance (it should be clear – or slightly opaque for glacial waters), aroma (there should be none), taste (it should taste clean), mouth feel (it should feel light), aftertaste (it should leave you thirsty for more).

"The consistency in winners from year to year with different panels of judges validates the choices," remarked esteemed watermaster, Arthur von Wiesenberger. "It also speaks to the impressively high caliber of the waters entered."

MSWD Medal Count	Year	Ranking
1	1997	Silver
2	1999	Gold
3	2001	Silver
4	2003	Bronze
5	2004	Gold
6	2008	Silver
7	2011	Silver
8	2018	Bronze
9	2020	Gold
10	2022	Bronze
11	2025	Bronze

"We take great pride in our water and the District's efforts to provide, protect, and preserve this vital resource, having earned the most medals among municipal participants, including the title of Best in the World in 2020," said Assistant General Manager Marion Champion.

For more Information about MSWD's award-winning water, please visit mswd.org/awards.

WaterCOUNTS

CVWC Digital Marketing Report

Website, Social, and Marketing Performance

Feb 1 – 28, 2025

by Hunter | Johnsen

Google Ads Campaigns

DISPLAY AD IMPRESSIONS
CV Water Counts

323.05K

SEARCH AD IMPRESSIONS
CV Water Counts

7,877

VIDEO IMPRESSIONS
CV Water Counts

97,157

Clicks
CV Water Counts

3,782

GOOGLE PROGRAMMATIC DISPLAY AD CAMPAIGN PERFORMANCE

CV Water Counts

Campaign name	Clicks	Impr.
CV Water Counts 2025 February	1,782	191,169
CV Water Counts Spanish 2025 February	1,515	131,881
	3,297	323,050





GOOGLE YOUTUBE VIDEO AD CAMPAIGN PERFORMANCE

CV Water Counts

Account name	Impr.	Engagements	Video views	Clicks
CV Water Counts	97,157	35,509	18,047	277
CVWC Water Saving Tips YouTube Spanish 2025 Feb	46,933	19,808	12,219	88
CVWC Water Saving Tips English YouTube 2025 Feb	50,224	15,701	5,828	189
	97,157	35,509	18,047	277



GOOGLE ADS PAID SEARCH CAMPAIGN PERFORMANCE

CV Water Counts

Campaign	Clicks	Impr.
CVWC search	208	7,877
	208	7,877

Facebook Ad Campaigns

FACEBOOK AD PERFORMANCE

Hunter Johnsen

Ad preview	Link Clicks	Impr.	Reach	Frequency	Page engagement
 **CVWC - February 2025** www.instagram.com Conservation Tip of the Month: “Water your yard during non-daylight hours. More water will reach the roots, and less water will evaporate. For more water-saving tips, visit CVWaterCounts.com/conservation-tips. #WaterWiseWednesday	482	87,261	31,957	2.73	485
	482	87,261	31,957	2.73	485

Website Information

Users
CV Water - CV Water Counts - GA4

3,614

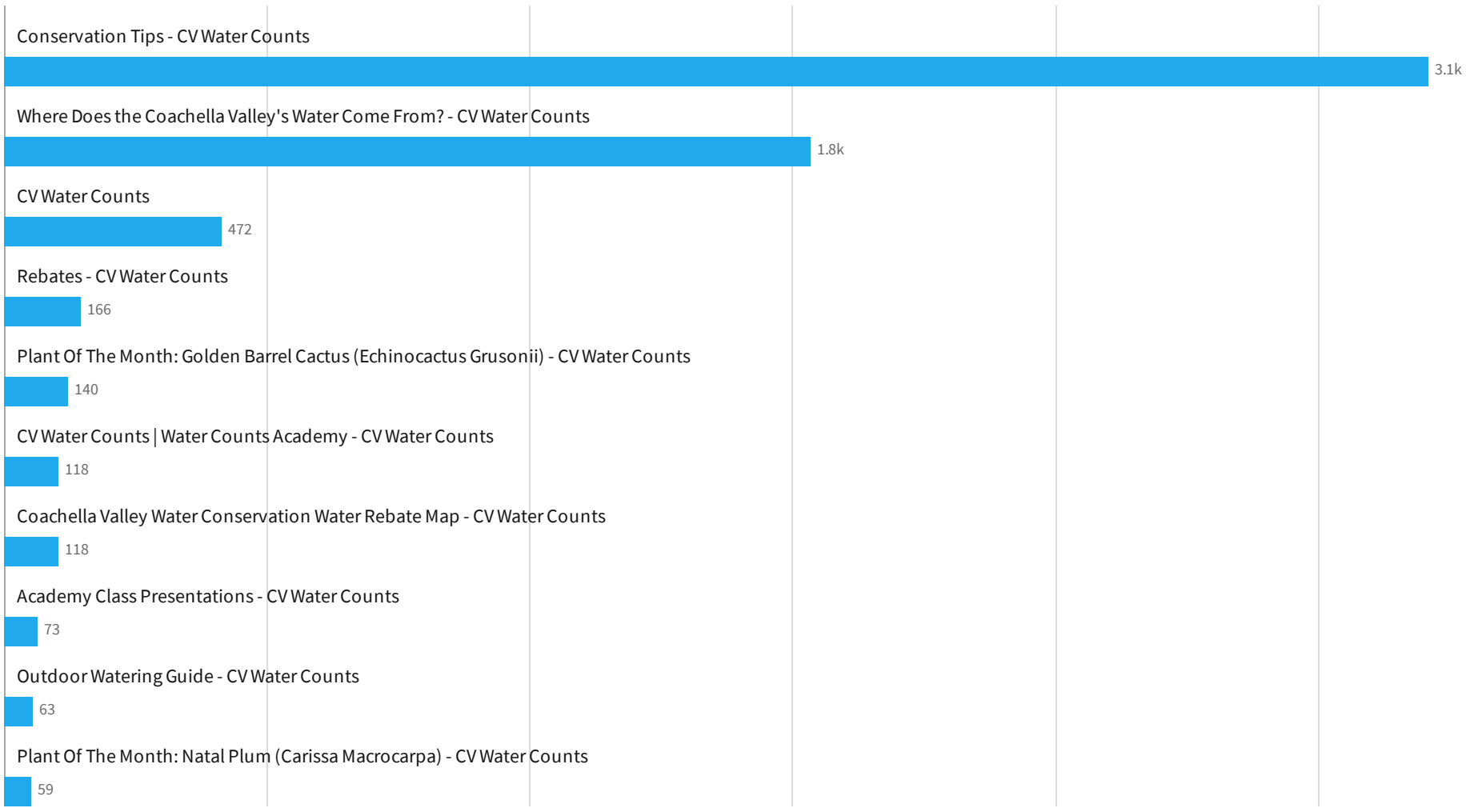
Sessions
CV Water - CV Water Counts - GA4

5,024

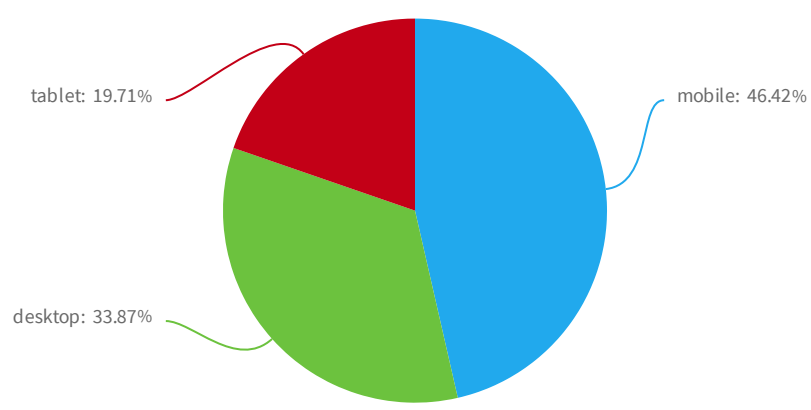
PAGEVIEWS
CV Water - CV Water Counts - GA4

6,735

Views by Page title and screen class
CV Water - CV Water Counts - GA4

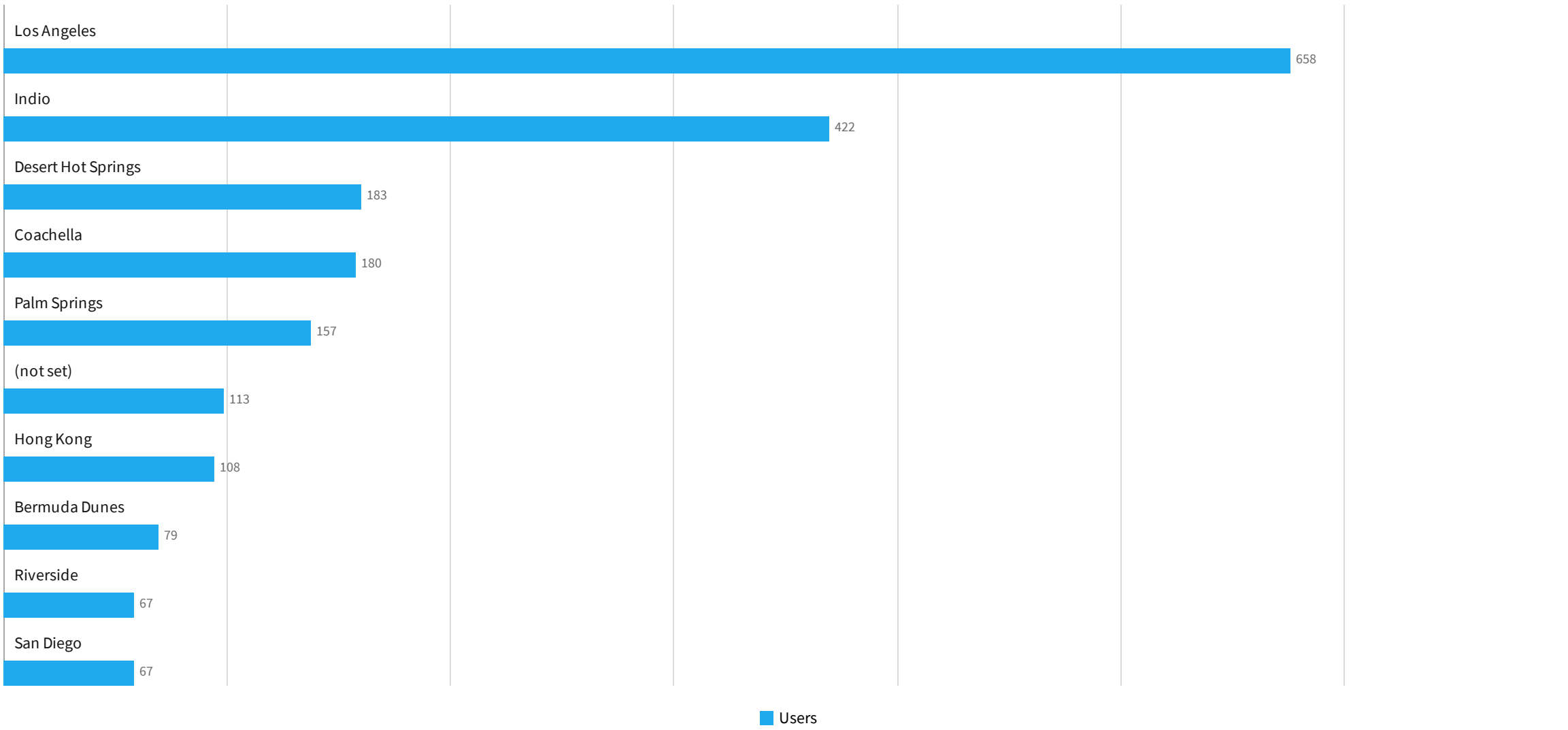


Engaged sessions by Device category
CV Water - CV Water Counts - GA4



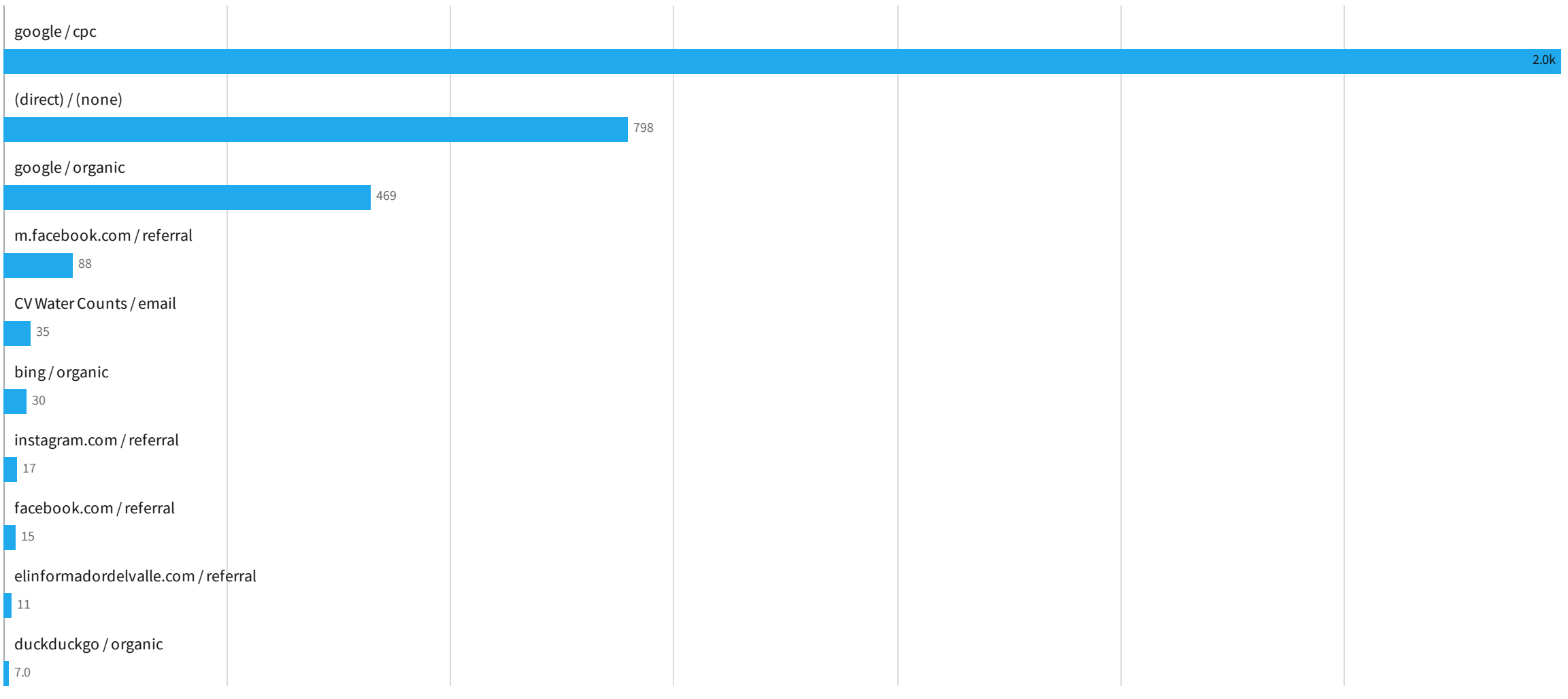
Users by City

CV Water - CV Water Counts - GA4



New users by First user source / medium

CV Water - CV Water Counts - GA4



Month performance

CV Water - CV Water Counts - GA4

Month	New users	Engaged sessions	Engagement rate	Sessions per User	Average engagement time
February 2025	3,508	1,297	25.8%	1.39	11s
January 2025	4,091	1,682	27.9%	1.43	13s
December 2024	3,547	1,438	28.7%	1.37	11s
November 2024	3,245	1,037	24.7%	1.27	13s
October 2024	3,954	1,587	32.6%	1.21	22s
September 2024	4,007	1,335	26.0%	1.26	14s
	22,352	8,320	27.4%	1.35	14s

Organic Search

Query performance

cvwatercounts.com/

Query	Impr.	Clicks	CTR	Avg. position
carissa	7,403	11	0.15%	1.89
golden barrel cactus	4,749	11	0.23%	2.98
barrel cactus	4,452	7	0.16%	3.98
echinocactus grusonii	3,856	7	0.18%	4.34
natal plum	2,987	1	0.03%	3.71
anacahuita	2,503	3	0.12%	1.01
washingtonia filifera	1,822	4	0.22%	1.97
asiento de suegra	1,673	4	0.24%	1
barril de oro	1,456	3	0.21%	1
cleveland sage	1,213	9	0.74%	1.19
	32,114	60	0.19%	2.31

Page performance

cvwatercounts.com/

Page	Impr.	Clicks	CTR	Avg. position
https://cvwatercounts.com/plant-of-the-month-golden-barrel-cactus-echinocactus-grusonii/	45,185	69	0.15%	2.62
https://cvwatercounts.com/plant-of-the-month-natal-plum-carissa-macrocarpa/	20,452	27	0.13%	2.95
https://cvwatercounts.com/plant-of-the-month-california-fan-palm-washingtonia-filifera-2/	7,341	12	0.16%	1.98
https://cvwatercounts.com/plant-of-the-month-texas-olive-cordia-boissieri/	5,173	9	0.17%	1.74
https://cvwatercounts.com/where-does-the-coachella-valley-water-come-from/	2,922	35	1.2%	21.55
https://cvwatercounts.com/plant-of-the-month-cleveland-sage-chaparral-sage-salvia-clevelandii/	2,224	14	0.63%	2.8
https://cvwatercounts.com/save-water-pledge/	1,724	5	0.29%	4.55
https://cvwatercounts.com/plant-of-the-month-sand-verbena-abronia-villosa/	1,642	9	0.55%	4.28
https://cvwatercounts.com/agency-spotlight-coachella-valley-water-district/	1,359	0	0%	12.95
https://cvwatercounts.com/plant-of-the-month-prostrate-rosemary-rosmarinus-officinalis-prostratus/	934	1	0.11%	32.13
	88,956	181	0.2%	8.75

Facebook Information

Impressions
CV Water Counts
58,009

Reach
CV Water Counts
20,236

New page likes
CV Water Counts
1

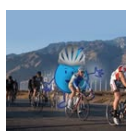
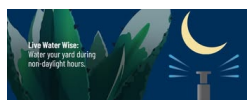
Post engagement
CV Water Counts
390

Total page views
CV Water Counts
42

Page likes
CV Water Counts
3,953

Post performance
CV Water Counts

Post		Created at	Reach	Likes
	Mission Springs Water District's mission is to provide, protect, and preserve our most valuable resource – water. We are proud to serve our award-winning water to our customers in Desert Hot Springs and th…	**February 28, 2025**	4	2
	Is conserving water and saving money one of your new year resolutions? It sure is on the top of our list! Simple changes can lead to big savings, let us help you get started with a FREE conservation kit. Learn…	**February 27, 2025**	10	3
	Use a broom instead of a hose to clean your patio, sidewalk and driveway, and save on average 6 gallons every minute. For more water-saving tips, visit CVWaterCounts.com/conservation-tips.…	**February 26, 2025**	17	3
	If you or someone you know is in need of water bill assistance, applications are being accepted now for the Help2Others Assistance Program online. Fill out an online application at…	**February 24, 2025**	28	2
	Have you taken our Water Walk-through? Spending just a few moments to check your home for water waste can add up to major improvements in efficiency. Check it out here. And, for more water-…	**February 21, 2025**	17	2
	Avoid running the tap when you're washing pots, pans, and dishes. Instead, plug the drain, fill the sink with soapy water, then scrub and rinse. For more water-saving tips, visit…	**February 19, 2025**	27	2
	Happy Presidents Day! #PresidentsDay #AmericanHistory	**February 17, 2025**	24	2
	Engineering is the cornerstone of human progress, driving innovation and shaping our world. Through a blend of science, creativity, and problem-solving, engineers tackle complex challenges to improve live…	**February 16, 2025**	12	2
	Happy Valentine's Day! #ValentinesDayFlowers	**February 14, 2025**	35	2
	https://www.facebook.com/photo.php?fbid=473755791582045&set=a.395351946089097&type	**February 14, 2025**	16	4
	Conservation Tip of the Month: "Water your yard during non-daylight hours. More water will reach the roots, and less water will evaporate. For more water-saving tips, visit CVWaterCounts.com/conservation-…	**February 12, 2025**	19,956	3
	The relationship of irrigation and pruning is a close one. The amount of water applied directly affects the amount of pruning needed. Overwater, and growth can be too lush and succulent. Underwater, and…	**February 11, 2025**	10	2
	Don't be fooled by the common name teddy bear cholla – this cacti is far from cuddly. Learn More:	**February 10, 2025**	8	2
			20,417	47

Post		Created at	Reach	Likes
	Today's the Tour de Palm Springs. If you're planning to be part of the event, have fun, good luck, and be sure to stay hydrated! #TourDePalmSprings	**February 8, 2025**	38	2
	Here in the Coachella Valley, our water comes from four sources:	**February 7, 2025**	10	2
	https://www.facebook.com/529183852552636/posts/	**February 6, 2025**	18	3
	Plan your landscape to minimize water run-off. Reducing water run-off also limits standing water sources where mosquitoes lay their eggs. For more water-saving tips, visit…	**February 6, 2025**	27	3
	During the month of February in our desert, the best times to water your plants are during non-daylight hours, when it's cooler. If you have a spray system, watering for 5 minutes a day, 5 days a week is…	**February 3, 2025**	19	2
	**CV Water Counts updated their cover photo.** https://www.facebook.com/cvwatercounts	**February 3, 2025**	23	2
	Happy Groundhog Day! Did You Know? Groundhog burrows can help with water infiltration into the soil, reducing surface runoff and promoting groundwater recharge. #GroundhogDay	**February 3, 2025**	118	2
			20,417	47

Instagram Information

Impressions
CV Water Counts

30,950

Likes
CV Water Counts

31

Followers (lifetime)
CV Water Counts

247

Post performance
CV Water Counts

Post		Impr.	Engagement	Reach	Saved	Plays
	If you or someone you know is in need of water bill assistance, applications are being accepted now for the Help2Others Assistance Program online. Fill out an online application at…	40	7	39	0	0
	Happy Presidents Day! #PresidentsDay #AmericanHistory	13	4	11	0	0
	Conservation Tip of the Month: “Water your yard during non-daylight hours. More water will reach the roots, and less water will evaporate. For more water-saving tips, visit CVWaterCounts.com/conservation-…	12	6	9	0	0
	Use a broom instead of a hose to clean your patio, sidewalk and driveway, and save on average 6 gallons every minute. For more water-saving tips, visit CVWaterCounts.com/conservation-tips.…	11	5	10	0	0
	Have you taken our Water Walk-through? Spending just a few moments to check your home for water waste can add up to major improvements in efficiency. Check it out here. And, for more water-…	10	3	8	0	0
	Happy Valentine’s Day! #ValentinesDayFlowers	8	3	6	0	0
	Happy Groundhog Day! Did You Know? Groundhog burrows can help with water infiltration into the soil, reducing surface runoff and promoting groundwater recharge. #GroundhogDay	0	4	9	0	14
		94	32	92	0	14

E-Blast Information

Campaign performance

CV Water Counts

Campaign	Send Time	Emails Sent	Unique Opens	Total Opens	Open Rate	Industry Open Rate	Total Clicks	Click Rate	Industry Click Rate	Unsubscribe Count
CV Water Counts February 2025	**Wednesday, February 5, 2025 10:00 AM**	815	438	744	53.74%	18.59%	171	8.59%	0.92%	0
		815	438	744	53.74%	18.59%	171	8.59%	0.92%	0

MSWD Digital Marketing & Website Report

Website, Social, and Marketing Performance

Feb 1 – 28, 2025

Google Ads Campaigns

Impressions
MSWD

186.04K

Clicks
MSWD

360

CTR
MSWD

0.19%

GOOGLE ADS CAMPAIGN PERFORMANCE
MSWD

Campaign name	Impr.	Clicks	CTR
MSWD See Something, Say Something Feb 2025	101,199	204	0.2%
MSWD Rebates Feb 2025	57,518	87	0.15%
MSWD Tours Spring 2025	27,321	69	0.25%
	186,038	360	0.19%







Meta Campaign Performance

Includes Facebook and Instagram campaigns

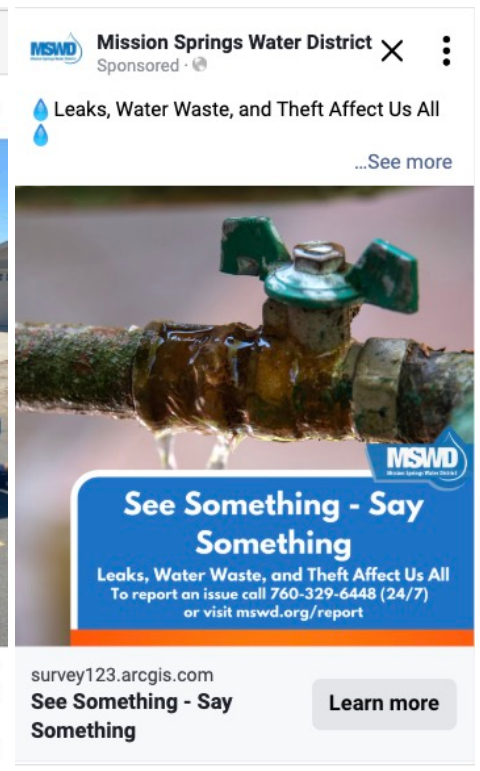
Campaign performance

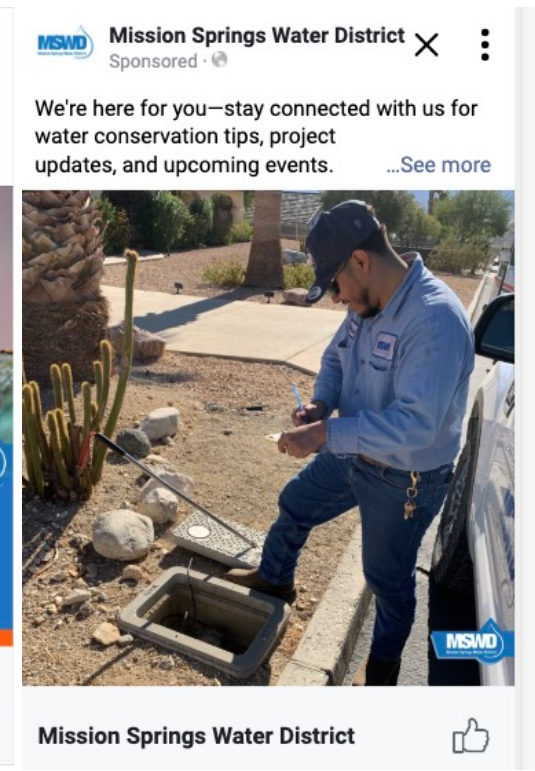
MSWD

Campaign	Link Clicks	Impr.	Reach	Page Likes
MSWD See Something, Say Something - Feb 2025	103	73,844	49,074	0
MSWD Like Campaign Winter 2025 - Feb	43	19,816	6,916	51
MSWD Rebates - Feb 2025	15	18,497	17,539	0
MSWD IG Follow Campaign 2025 - Feb	2	39,013	27,489	0
	163	151,170	63,046	51

Page likes counts only Facebook page likes.









Website Information

Users
www.mswd.org - http://www.msw…

4,878

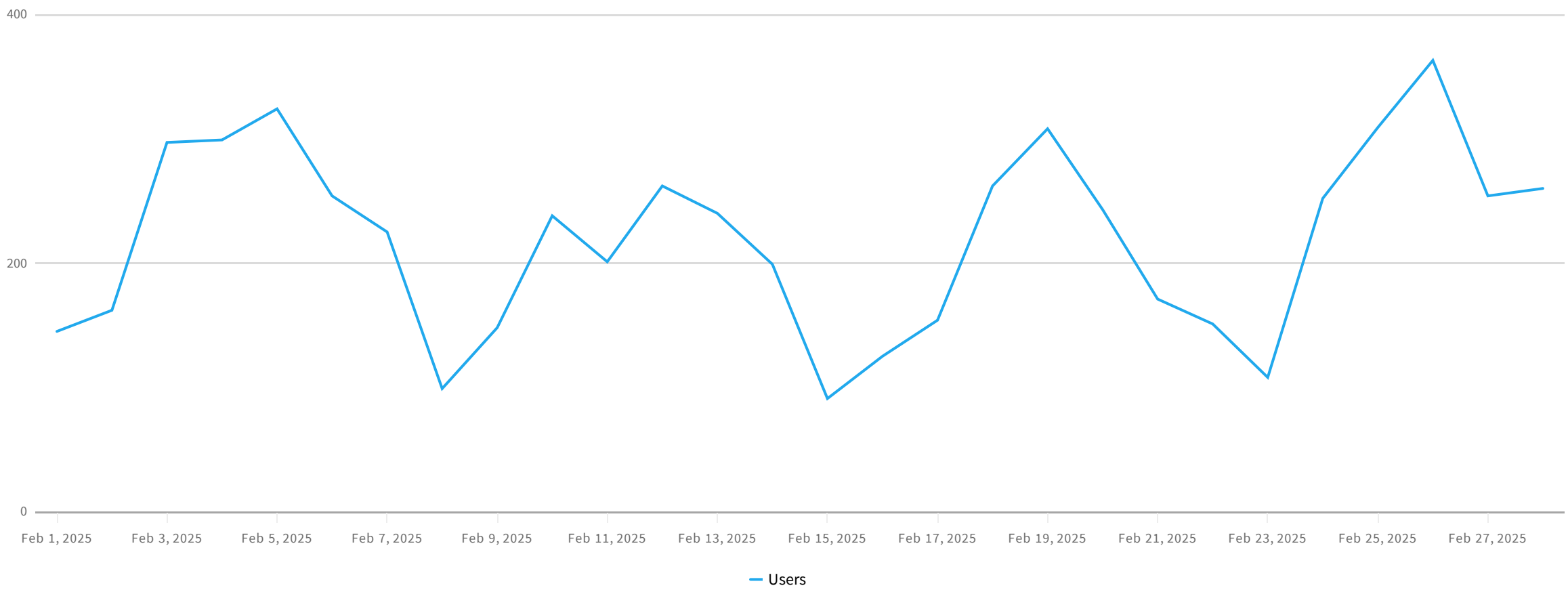
Views
www.mswd.org - http://www.msw…

15,426

Engaged sessions
www.mswd.org - http://www.msw…

5,251

Users by Day
www.mswd.org - http://www.mswd.org - GA4

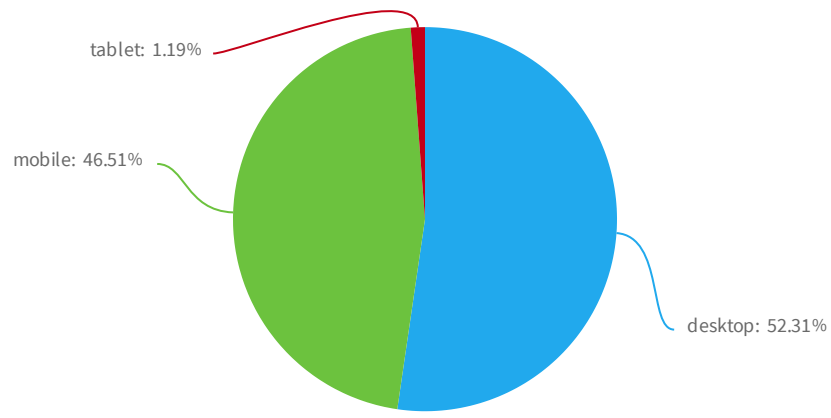


Page path performance
www.mswd.org - http://www.mswd.org - GA4

Page path	Views	Views per user	Users	Engaged sessions	Sessions per User	Average engagement time
/	4,386	1.57	2,773	3,551	1.42	18s
/mswd/page/customer-portal	3,737	1.62	2,292	2,881	1.44	14s
/mswd/page/online-payment-system	678	1.52	439	421	1.15	27s
/mswd/page/bill-pay-options	647	1.35	481	457	1.19	18s
/jobs	541	2.02	267	326	1.47	14s
/mswd/page/application-water-service	346	2.26	150	193	1.69	4m 30s
/mswd/page/careers	324	1.64	198	268	1.46	18s
/mswd/page/startstop-water-service	241	1.52	158	192	1.32	25s
/meetings	230	2.67	86	175	2.45	29s
/mswd/page/rebates	198	1.16	169	64	1.14	8s
	15,426	3.13	4,878	5,251	1.52	56s

Engaged sessions by Device category

www.mswd.org - http://www.mswd.org - GA4



Users by City

www.mswd.org - http://www.mswd.org - GA4

City	Users
Desert Hot Springs	936
Los Angeles	916
(not set)	437
Indio	213
San Diego	145
La Quinta	130
Palm Springs	130
Riverside	119
Ashburn	76
Palm Desert	64
	4,878

New users by First user source / medium

www.mswd.org - http://www.mswd.org - GA4

