

# The Metropolitan Water District of Southern California

# Agenda

The mission of the Metropolitan Water District of Southern California is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

## Board of Directors - Final

**April 8, 2025**

**12:00 PM**

Tuesday, April 8, 2025 Meeting Schedule
08:30 a.m. FAAME 10:15 a.m. LEGAL 11:30 a.m. Break 12:00 p.m. BOD 01:30 p.m. CWC

Agendas, live streaming, meeting schedules, and other board materials are available here: <https://mwdh2o.legistar.com/Calendar.aspx>. Written public comments received by 5:00 p.m. the business days before the meeting is scheduled will be posted under the Submitted Items and Responses tab available here: <https://mwdh2o.legistar.com/Legislation.aspx>.

If you have technical difficulties with the live streaming page, a listen-only phone line is available at 1-877-853-5257; enter meeting ID: 891 1613 4145.

Members of the public may present their comments to the Board on matters within their jurisdiction as listed on the agenda via teleconference. To participate via teleconference 1-833-548-0276 and enter meeting ID: 815 2066 4276 or to join by computer [click here](#).

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MWD Headquarters Building • 700 N. Alameda Street • Los Angeles, CA 90012

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## 1. Call to Order

- a. Invocation: Director Larry D. Dick, Municipal Water District of Orange County
- b. Pledge of Allegiance: Director Jay Lewitt, Las Virgenes Municipal Water District

## 2. Roll Call

## 3. Determination of a Quorum

## 4. Opportunity for members of the public to address the Board on matters within the Board's jurisdiction. (As required by Gov. Code §54954.3(a))

## 5. OTHER MATTERS AND REPORTS

- A.** Report on Directors' Events Attended at Metropolitan's Expense **21-4393**  
**Attachments:** [04082025 BOD 5A Report](#)
- B.** Chair's Monthly Activity Report **21-4394**  
**Attachments:** [04082025 BOD 5B Report](#)
- C.** General Manager's summary of activities **21-4395**  
**Attachments:** [04082025 BOD 5C Report](#)  
[04082025 BOD 5C Presentation](#)
- Spotlight on Metropolitan Employee(s) Retiring with over Twenty Years of Service **21-4401**
- D.** General Counsel's summary of activities **21-4396**  
**Attachments:** [04082025 BOD 5D Report](#)
- E.** General Auditor's summary of activities **21-4397**  
**Attachments:** [04082025 BOD 5E Report](#)
- F.** Ethics Officer's summary of activities **21-4398**  
**Attachments:** [04082025 BOD 5F Report](#)
- G.** Induction of new Director Gretchen Shepherd Romey from City of San Marino **21-4400**
- (a) Receive credentials  
 (b) Report on credentials by General Counsel  
 (c) File credentials  
 (d) Administer Oath of Office  
 (e) File Oath
- Attachments:** [04082025 BOD 5G Report](#)

**\*\* CONSENT CALENDAR ITEMS -- ACTION \*\***

**6. CONSENT CALENDAR OTHER ITEMS - ACTION**



- A.** Approval of the Minutes of the Special Audit Subcommittee of the Executive Committee for November 20, 2024; Ethics, Organization, and Personnel Committee for February 10, 2025; Ethics, EEO, Diversity, Equity & Inclusion Committee for March 10, 2025; and Board of Directors Meetings for February 11, 2025 and March 11, 2025 **21-4386**

**Attachments:** [04082025 BOD 6A \(Audit 11202024\) Minutes](#)  
[04082025 BOD 6A \(EOP 02102025\) Minutes](#)  
[04082025 BOD 6A \(EEDEI 03102025\) Minutes](#)  
[04082025 BOD 6A \(BOD 02112025\) Minutes](#)  
[04082025 BOD 6A \(BOD 03112025\) Minutes](#)

- B.** Nomination and Election of nonofficer member of the Executive Committee for remaining two-year term effective March 11, 2025 **21-4399**

- C.** Approve Committee Assignments

## **7. CONSENT CALENDAR ITEMS - ACTION**

- 7-1** Authorize an increase to a professional services agreement with Grid Subject Matter Experts, LLC for a new not-to-exceed total amount of \$1.245 million for electric transmission planning and North American Electric Reliability Corporation-related electric reliability compliance services; the General Manager has determined the proposed action is exempt or otherwise not subject to CEQA (EOT) **21-4403**

**Attachments:** [04082025 EOT 7-1 B-L](#)  
[04072025 EOT 7-1 Presentation](#)

- 7-2** Authorize an agreement with Red8 in an amount not to exceed \$850,000 for the implementation of the Data Storage Infrastructure Refresh project; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (EOT) **21-4197**

**Attachments:** [04082025 EOT 7-2 B-L](#)  
[04072025 EOT 7-2 Presentation](#)

- 7-3** Authorize an agreement with Metal Toad Media, Inc. for a new fixed cost of \$299,000 per year with a not-to-exceed amount of \$996,200 for the duration of the three-year agreement to host, manage, and maintain Metropolitan's external websites; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (EOT) **21-4405**

**Attachments:** [04082025 EOT 7-3 B-L](#)  
[04072025 EOT 7-3 Presentation](#)

- 7-4** Authorize an increase of \$3.3 million to an existing agreement with Stantec Consulting Services Inc. for a new not-to-exceed total amount of \$4.99 million for final design of a mechanical dewatering facility at the Joseph Jensen Water Treatment Plant; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (EOT) **21-4406**

**Attachments:** [04082025 EOT 7-4 B-L](#)  
[04072025 EOT 7-4 Presentation](#)

- 7-5** Authorize an amendment to a reimbursable agreement with BH Luxury Residences LLC for the relocation of the Santa Monica Feeder within the city of Beverly Hills; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (EOT) **21-4421**

**Attachments:** [04082025 EOT 7-5 B-L](#)  
[04072025 EOT 7-5 Presentation](#)

- 7-6** Approve Climate Adaptation Master Plan for Water Five-Year Implementation Strategy; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (FAAME) **21-4419**

**Attachments:** [04082025 FAAME 7-6 B-L](#)  
[04082025 FAAME 7-6 Presentation](#)

- 7-7** Adopt resolutions fixing and adopting a Readiness-to-Serve Charge and a Capacity Charge for calendar year 2026; the General Manager has determined the proposed action is exempt or otherwise not subject to CEQA (FAAME) **21-4420**
- Attachments:** [04082025 FAAME 7-7 B-L](#)  
[04082025 FAAME 7-7 Presentation](#)  
[9372 Resolution.pdf](#)  
[9373 Resolution.pdf](#)
- 7-8** Approve amendments to the Metropolitan Water District Administrative Code to conform oversight of the General Auditor and Audit Department duties and responsibilities to the current committee structure, to streamline reporting on professional services agreements, and make a minor non-substantive change; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (LEGAL) **21-4429**
- Attachments:** [04082025 LC 7-8 B-L](#)  
[04082025 LC 7-8 Presentation](#)
- 7-9** Express support if amended for AB 523 (Irwin) Metropolitan water districts: alternate representative; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (LEG) **21-4432**
- Attachments:** [04082025 LEG 7-9 B-L](#)  
[04072025 LEG 7-9 Presentation](#)
- 7-10** Approve the Metropolitan Water District of Southern California's salary schedules pursuant to CalPERS regulations; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (OPE) **21-4437**
- Attachments:** [04082025 OPE 7-10 B-L](#)  
[04082025 OPE 7-10 Presentation](#)
- 7-11** Authorize the General Manager to extend California Contractor Forbearance for Intentionally Created Surplus; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (OWA) **21-4442**
- Attachments:** [04082025 OWA 7-11 B-L](#)  
[04072025 OWA 7-11 Presentation](#)

- 7-12** Authorize the General Manager to terminate the Foothill Area Conjunctive Use Program Agreement; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (OWA) **21-4443**

**Attachments:** [04082025 OWA 7-12 B-L](#)  
[04072025 OWA 7-12 to 7-17 Presentation](#)

- 7-13** Authorize the General Manager to terminate the Live Oak Basin Conjunctive Use Program Agreement; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (OWA) **21-4444**

**Attachments:** [04082025 OWA 7-13 B-L](#)  
[04072025 OWA 7-12 to 7-17 Presentation](#)

- 7-14** Authorize the General Manager to terminate the Long Beach Conjunctive Use Program Agreement; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (OWA) **21-4445**

**Attachments:** [04082025 OWA 7-14 B-L](#)  
[04072025 OWA 7-12 to 7-17 Presentation](#)

- 7-15** Authorize the General Manager to terminate the Long Beach Expansion into Lakewood Conjunctive Use Program Agreement; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (OWA) **21-4446**

**Attachments:** [04082025 OWA 7-15 B-L](#)  
[04072025 OWA 7-12 to 7-17 Presentation](#)

- 7-16** Authorize the General Manager to terminate the Orange County Conjunctive Use Program Agreement; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (OWA) **21-4447**

**Attachments:** [04082025 OWA 7-16 B-L](#)  
[04072025 OWA 7-12 to 7-17 Presentation](#)

- 7-17** Authorize the General Manager to terminate the Compton Conjunctive Use Program Agreement; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA [21-4448](#)

**Attachments:** [04082025 OWA 7-17 B-L](#)  
[04072025 OWA 7-12 to 7-17 Presentation](#)

- 7-18** Authorize increase in the maximum amount payable under contract with outside counsel Liebert, Cassidy Whitmore, in the amount of \$200,000 for a total amount not to exceed \$450,000; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (LEGAL) [21-4457](#)

**Attachments:** [04082025 LC 7-18 B-L](#)  
[04082025 LC 7-18 Presentation](#)

**\*\* END OF CONSENT CALENDAR ITEMS \*\***

**8. OTHER BOARD ITEMS - ACTION**

- 8-1** Adopt the CEQA determination that the proposed action was previously addressed in the certified 2024 Program Environmental Impact Report and authorize an increase of \$12.4 million to an agreement with La Cañada Design Group Inc. for a new not-to-exceed total amount of \$16.8 million for final design to upgrade the Michael J. McGuire Water Quality Laboratory (EOT) [21-4404](#)

**Attachments:** [04082025 EOT 8-1 B-L](#)  
[04072025 EOT 8-1 Presentation](#)

- 8-2** Report on litigation in Maria Carmen Zarate v. Metropolitan Water District of Southern California, Los Angeles County Superior Court Case No. 23STCV15786; and authorize an increase in the maximum amount payable under contract for legal services with Seyfarth Shaw LLP, in the amount of \$250,000 for a total amount not to exceed \$750,000; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA [Conference with legal counsel—existing litigation; to be heard in closed session pursuant to Gov. Code Section 54956.9(d)(1)] (LEGAL) [21-4428](#)

**9. BOARD INFORMATION ITEMS**

- 9-1 Report on Conservation Program [21-4402](#)

**Attachments:** [04082025 BOD 9-1 Report](#)

- 9-2 Annual Infrastructure Resilience Update (EOT) [21-4412](#)

**Attachments:** [04072025 EOT 9-2 Presentation](#)

- 9-3 Real Property Quarterly Report (Q3 January 1, 2025 through March 31, 2025) (FAAME) [21-4422](#)

**Attachments:** [04082025 FAAME 9-3 Report](#)

## 10. OTHER MATTERS

NONE

## 11. FOLLOW-UP ITEMS

NONE

## 12. FUTURE AGENDA ITEMS

## 13. ADJOURNMENT

NOTE: Each agenda item with a committee designation will be considered and a recommendation may be made by one or more committees prior to consideration and final action by the full Board of Directors. The committee designation appears in parenthesis at the end of the description of the agenda item, e.g. (EOT). Board agendas may be obtained on Metropolitan's Web site <https://mwdh2o.legistar.com/Calendar.aspx>

Writings relating to open session agenda items distributed to Directors less than 72 hours prior to a regular meeting are available for public inspection at Metropolitan's Headquarters Building and on Metropolitan's Web site <https://mwdh2o.legistar.com/Calendar.aspx>.

Requests for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Board Executive Secretary in advance of the meeting to ensure availability of the requested service or accommodation.

## April 8, 2025 Board Meeting

### Item 5A



### Metropolitan Water District of Southern California Summary of Events

**Attended by Directors at Metropolitan's Expense in March 2025**

<b>Date(s)</b>	<b>Location</b>	<b>Meeting Hosted by:</b>	<b>Participating Director(s)</b>
March 12	San Jacinto, CA	MWD – San Jacinto Tunnel Naming Dedication event in honor of Randy Record	Gloria Gray
March 20	Costa Mesa, CA	MWDOC 2025 Water Policy Forum & Dinner	Brenda Dennstedt
March 24 – 27	Sacramento, CA	2025 ACWA Legislative Symposium	Miguel Luna



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

# Board Report

## ● Chair of the Board Adán Ortega Jr.'s Monthly Activity Report – March 2025

### Summary

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This report highlights my activities as Chair of the Board, as well as Board Member highlights during the month of March 2025 on matters relating to The Metropolitan Water District of Southern California's business.

### Monthly Activities

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#### Key Activities

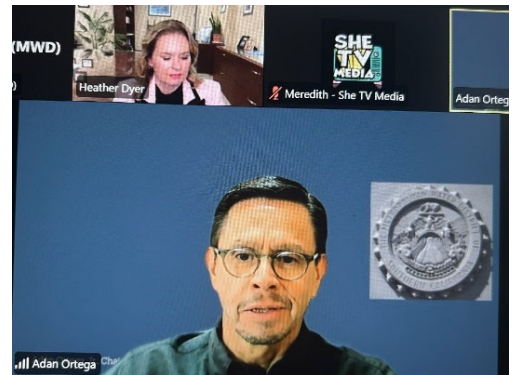
- Attended the San Fernando City Council meeting, providing updates on policy initiatives, including advancements in the Pure Water Southern California project and progress on the Climate Adaptation Master Plan for Water (CAMP4Water). I also highlighted Metropolitan's preparedness to meet the region's 2025 water needs and shared information on conservation programs, rebates, and educational resources for residential and commercial users.
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- I attended Metropolitan's San Jacinto Tunnel Naming Dedication event in honor of Randy Record, who chaired Metropolitan's Board of Directors from 2014 to 2018 and served on the Board for two decades, representing Eastern Municipal Water District. I joined other members of the Metropolitan family along with Randy Record and his family, and members of the community who celebrated his achievements and accomplishments. I wish to express my appreciation to former Board Chair Gloria Gray for accepting my invitation to introduce Randy Record at the event. Board Vice Chair Michael Camacho provided opening remarks stating that his deep knowledge of water, commitment to doing the right thing, and tireless efforts to maintain strong relationships with our communities made him an inspiring leader and colleague. Our General Manager, Deven Upadhyay, also reflected on Metropolitan's accomplishments during Randy Record's terms as Board Chair. In attendance were also Board Members Stephen Faessel, Jeff Armstrong, Anthony Fellow, Brenda Dennstedt, Dennis Erdman, Cynthia Kurtz, Jacquelyn McMillan, and former Director Glenn Peterson. Former General Manager Ron Gastelum was also in attendance.





- General Manager Deven Upadhyay and I were invited to attend the Los Angeles-MWD Directors Caucus Meeting at Los Angeles City Hall, where we discussed Metropolitan's policy priorities as well as regional water supply and stewardship initiatives.

- Recorded a podcast for "Watershed Moments" which is produced by the San Bernardino Valley Municipal Water District and hosted by their General Manager, Heather Dyer. Ms. Dyer asked me to summarize the history and mission of Metropolitan in providing water delivery to Southern Californians; we also discussed water affordability, addressing the needs of older, smaller and poorer communities, as well as our leadership philosophies. I emphasized the need for continued efforts to develop solutions for the future to address climate impacts and vulnerabilities facing the region's water system and the communities served to advance strategies for an equitable and resilient water future.



- I met with newly elected Councilmember Patricia Lopez from the City of San Fernando to discuss strategies for engaging the residents and council members to learn more about our organization and its initiatives. We were joined by Metropolitan's Education Team Manager, Benita Horn, and explored the opportunities made available to schools and the community to impart water knowledge. Our discussion also highlighted key initiatives, including the Community Partnership Program, Workforce Education, and the Conservation Program, as avenues for greater collaboration and community involvement.



- Joined General Manager Deven Upadhayay and Chief Sustainability Officer Liz Crosson in briefing the City of Anaheim's Public Utilities Board. We addressed the interrelation between CAMP4Water, the Biennial Budget Process, Bay-Delta Issues, and the Colorado River, as well as our collective efforts addressing the State Water Project Exclusive Areas challenges. We thanked the Board, including Anaheim's representative on Metropolitan's Board, Director Stephen Faessel, for his leadership through his years of service to Metropolitan.



### **Regularly Scheduled/Ongoing Meetings**

I continue to meet regularly to review the Board's organizational issues and coordinate activities with the Board Vice Chairs, the General Manager, and his executive team.



# General Manager's Monthly Report



**Activities for the Month of March 2025**



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# Message from the General Manager

As we close out March, we are nearing the completion of several essential and intensive repair and maintenance projects, including the shutdown of the Colorado River Aqueduct (CRA). This operation involved completely turning off one of the region's main supplies of water and deploying hundreds of staff and experts to inspect, rehabilitate and repair this massive system.

While the CRA is the highest profile of our annual projects, it represents just one of many essential projects underway across the District. From replacing aging valves along the Middle Feeder to the sleeve valve refurbishments that were schedule to coincide with our member agency's relining work along the San Diego Pipeline, our work comes in all shapes and sizes. These projects are planned months in advance and yet can also require immediate mobilization in response to unforeseen needs and emergencies. They involve procurement from overseas suppliers as well as custom fabrication in our own shop in La Verne. The work is both routine and innovative, with every step backed by community engagement, staff and safety training, and member agency coordination.

The end of a shutdown doesn't mean the work is done. We are constantly tuning up the system while it's in full operation. For example, following the CRA shutdown, we will begin the demolition phase of a project to replace and upgrade domestic water treatment systems at all five CRA pumping plants, an initiative set to be completed by this time next year.

In addition to these ongoing projects, the District is facing additional challenges related to emerging contaminants, cybersecurity and impacts from a rapidly changing climate. These challenges demand innovative approaches and new investments. Two current initiatives are a district-wide, mandated transition to Zero Emission Vehicles (ZEV), and upgrading and replacing the power line to our Black Metal Mountain communication site.

It takes a skilled and experienced team to design, oversee and complete the work needed to ensure Metropolitan meets its mission of delivering reliable high-quality water to Southern California in an environmentally and economically responsible way. Our team is constantly proving itself up to the task and investing today to minimize risk tomorrow.

Deven Upadhyay  
General Manager





# Strategic Priorities Update

The General Manager's Strategic Priorities guide actions in key areas of change and opportunity that will strengthen Metropolitan and its ability to fulfill its mission. Review the General Manager's [Business Plan for FY24-25](#) and the ["SMART Tracker"](#) dashboard of specific actions that advance the Strategic Priorities.



## Empower the workforce and promote diversity, equity, and inclusion



### Goal Dashboard

8 Outcomes in progress and on target.

■ Build a safe, inclusive, and accountable workplace where all employees feel valued, respected, and able to meaningfully contribute to decisions about their work to fulfill Metropolitan's Mission.

A new dashboard is being piloted to streamline transparency and reporting of safety data. A curriculum is being developed in partnership with the National Safety Council to provide safety leadership training. Roughly 80 percent of all employees have taken the Civil and Inclusive Workplace training. In partnership with DEI and HR, Metropolitan staff are developing the agenda for next year's training needs, including for managers and new hires.

Ethics Office was featured in the March meeting of Group Managers, leading a discussion about the prohibition on certain Board member communications to prevent the perception of unethical influence.

■ Prepare and support the workforce by expanding training and skill development and updating strategies to recruit and retain diverse talent, to meet the evolving needs and expectations of the workplace.

Completed four of six modules in Career Launch Program to support career development within Metropolitan. Module 4 included a tour of the Weymouth Treatment Plant, Water Quality Lab, MSU Shops and Field Engineering Bldg.

In addition to engagement on Workforce Development with Native Nations, Metropolitan continues a focus on veterans in collaboration with the Employment Development Department, engaging in the Careers in Water Webinar for Veterans with member agencies Long Beach and LADWP, in support of veterans exploring careers in the water sector and the Veteran Job Fair in Woodland Hills to support veteran employment initiatives. Metropolitan staff also partnered with Unite LA to present a Step into Tech webinar on IT and cybersecurity careers for young adults, and an Alumni Panel for USC Viterbi School of Engineering. Staff participated in the Los Angeles Regional Consortium (LARC) Careers in Water Webinar in partnership with City of Glendale Water & Power, Central Basin MWD, Las Virgenes

Water District, WRD, and Beverly Hills. LARC represents 19 community colleges in Los Angeles County. Additionally, Metropolitan has convened the Member Agency Workforce Development Working Group, which has held two meetings in March 2025.



## Sustain Metropolitan's mission with a strengthened business model



### Goal Dashboard

5 Outcomes in process. 1 Outcome behind schedule.

- **Develop revenue and business model options that support the needs of the member agencies as well as Metropolitan's financial sustainability and climate adaptation needs.**

Business model refinement working groups met and focused discussion on water exchanges, local resource program, treatment surcharge, reserve policies, and engineering resilience. The GM Ad Hoc group met to advance refinement proposals and prepare for a presentation to the CAMP4W Taskforce, anticipated for April.

- **Identify and secure programmatic cost savings, organizational efficiencies and external funding.**

The Large-Scale Recycled Water Program grant for Pure Water Southern California was executed with US Bureau of Reclamation (USBR) in January. In March, Metropolitan submitted the first two invoices to USBR, for \$63M in pre-award expenditures, and received \$15.6M in reimbursement.



### Pure Water Grant Funding

**Metropolitan has begun to receive federal funding that was awarded but, as with all federal grants, had been uncertain due to Executive Orders.**



## Adapt to changing climate and water resources



### Goal Dashboard

10 Outcomes in process. 1 Outcome behind schedule.

#### ■ Provide each member agency access to an equivalent level of water supply reliability.

The CAMP4W Task Force reviewed and discussed the CAMP4W Implementation Strategy. Discussions focused on the adaptive management process for decision-making as well as the components and five-year timelines in the Implementation Strategy. The Task Force advanced the Implementation Strategy to the FAAME Committee and Board for consideration in April. Approval would provide staff direction to assess eligible projects and programs using the CAMP4W evaluative criteria and follow the implementation timelines for the development of new and enhanced climate adaptation strategies.

As part of the discussion of the Implementation Strategy, WRM presented an overview of Local Resource Program (LRP) production, potential projects and performance. This understanding of current conditions and challenges facing member agency projects is an important starting point for further exploration of LRP opportunities.



### Planning Climate Adaptation

**Task Force review  
advances CAMP4W  
Implementation Strategy  
to Committee and full  
Board.**

Made progress on several projects to enhance long-term water supply reliability for the State Water Project dependent areas:

- Sepulveda Pump Stations - Phase 1 is 96 percent complete. Staff is currently negotiating terms and conditions for Phase 2 work with the Progressive Design-Build (PDB) entity.
- Wadsworth Pump Plant Bypass - The contractor began installing guard rails on valve structure. Construction is 93% complete and is scheduled to be complete in June 2025.
- Inland Feeder Badlands Tunnel Surge Protection - The contractor is backfilling the area surrounding the valve vault. Construction is approximately 80 percent complete and is scheduled to be complete in June 2025.
- Surface Water Storage Study, Phase 2 - The study is 87 percent complete with a shortlist of potential sites identified and a set of proposed evaluation criteria. The Phase 2 study is anticipated to complete by June 2025.



■ Advance the long-term reliability and resilience of the region's water sources through a One Water approach that recognizes the interconnected nature of imported and local supplies, meets both community and ecosystem needs and adapts to a climate change.

## *Imported Water – Colorado River*

Metropolitan and IID met to advance negotiations for intra-state agreements for sharing shortages in California. The goal now is to reach agreement by end of June 2025.

## *Climate Action*

Work continues on multiple strategies in the Climate Action Plan. To support the transition to zero emission vehicles (ZEVs), Metropolitan joined the Advanced Clean Transportation Fleet Forum, which provides educational opportunities for staff involved in the ZEV project. SRI and Engineering held a four-day ZEV infrastructure workshop to review infrastructure design for vehicle charging at Union Station that will be used by fleet, employees, and Metropolitan board members. At the end of the workshop, employees presented potential design improvements that included cost estimates. Construction is scheduled to begin in early 2026.

The Climate Action Plan Annual Progress Report is planned to be released on Earth Day, April 22, 2025.

## *Demand Management*

The MWD/Member Agency Water Use Efficiency coordinator meeting took place in March. The California Water Efficiency Partnership (Calwep) Plenary was also held in March, presentation by the State Water Board on the CAACWOL legislation. They shared updates. This meeting featured a presentation on the data collected so far, discussed common challenges, and explained how the state is understanding the information reported. The first set of data they have received will help guide ongoing implementation.

Staff is gearing up for the One Water Awards event, scheduled for May 21. All interviews for the honoree videos have been completed. Save the Dates have been sent out, including to the Board of Directors, MWD executive leadership, and general managers for our member agencies. The official invitation with the sign-up link will be sent out in April, one month before the event.

## *Pure Water*

Metropolitan met with the Central Arizona Project on the potential investment in the Pure Water program. A workshop was also held with Los Angeles County Flood Control District, the Main San Gabriel Basin Water Master, Upper San Gabriel Municipal Water District, and Three Valley Municipal Water District to explore the alternative recharge basin options.

Development of request for qualifications (RFQs) for progressive design build (PDB) of the advanced water purification facility and Construction Manager/General Contractor (CM/GC) for the initial two pipeline reaches is in progress. A market sounding for pipeline Reach 1 and Reach 2 CM/GC was conducted in March, to be followed by advertisement this summer.

The Conceptual Design Report for Pure Water Conveyance Facilities is anticipated to be complete in the next couple months. Preliminary design of the first two pipeline reaches is anticipated to be complete later this year. Current work includes utility and geotechnical investigations, incorporating value engineering comments to increase the amount of tunneling in the first reach, and development of preliminary design report and drawings.



## Protect public health, the regional economy, and Metropolitan's assets



### Goal Dashboard

9 Outcomes in process and on target.

#### ■ Proactively identify, assess, and reduce potential vulnerabilities to Metropolitan's system, operations, and infrastructure.

The installation for the DVL emergency monitoring system upgrade began on March 10, and its forecasted completion is on target. The monitoring system for Garvey has been installed, as previously reported.

Staff are finalizing a Risk and Resiliency Assessment with outside professional support.

The final preliminary design of the Water Quality Lab seismic retrofit was completed this month, and the request to proceed with final design will be presented to the Board in April.

Staff is preparing for an April workshop to prepare the CIP and have incorporated climate impacts and benefits into the updated CIP scoring criteria to better prioritize projects for the next biennium.

#### ■ Apply innovation, technology, and sustainable practices across project lifecycles.

Contracting Services is finalizing training materials for a new procurement policy that prioritizes sustainable products and practices, currently under Legal review; a Unit-level training is planned in April.

This month Innovation Program staff hosted the Spring Western Water Technology Approval Group (TAG). With over 300 participating utilities globally, TAG's peer collaboration helps reduce the risk of adopting new technologies. The meeting included a guided visit to areas impacted by the Altadena fires to illustrate the criticality of emergency preparation and climate resiliency.

Innovation staff also partnered with Dr. Seyoum Gebremariam in Water Quality to present his real-time remote sensing work on cyanobacteria detection to the Utility Innovation Network, a group of peer water managers across the country.

Meanwhile, the second internal Met Data Group meeting fostered cross-organizational collaboration by showcasing excellent staff-led data work. Met's Innovation team has begun collaborating with business units to develop the Met Innovation Strategic Plan, ensuring alignment with organizational priorities.

A Member Agency Water Quality Managers meeting this month attracted over 140 participants. Presentations and discussion covered quagga and golden mussels in the State Water Project, a newly identified chloramine disinfection byproduct called chloronitramide, a regulatory update and the wildfire impacts on water systems. Our annual nitrification workshop will be scheduled for summer.



## Partner with interested parties and the communities we serve



### Goal Dashboard

**5 Outcomes on target. 1 Outcome uncertain pending federal developments.**

- **Grow and deepen collaboration and relationships among member agencies, interested parties and leaders on the issues most important to them and toward mutual and/or regional benefits.**

Metropolitan hosted a hybrid virtual and in-person lunch discussion with environmental, community-based and environmental justice organizations on March 20. The focus was on Metropolitan's climate resilience initiatives, including the CAMP4W Implementation Strategy, the Climate Action Plan Annual Progress Report, and the upcoming release of the Pure Water Southern California Draft EIR. Participants left with a call to action to be engaged in these efforts in the coming months.

- **Reach disadvantaged communities and non-traditional interested parties to better understand their needs and ensure their inclusion in decision making.**

Metropolitan's water conservation advertising and outreach campaign strategies are informed by audience demographics and metrics, including census tract data for disadvantaged communities throughout Southern California. Under the media placement services agreement requirements, 30 percent of all media buy expenditures must be allocated to reaching underserved and underrepresented communities within the district's service area. The FY 24-25 media plans are designed to engage diverse audiences across multiple platforms and languages, from digital spaces to community-based approaches that meet residents where they live, work and play.

To promote opportunities in the water industry among Tribal communities, staff participated in outreach events across the service area and in the desert communities, including at Mohave Community College, the Colorado River Indian Tribes (CRIT) Establishment Days, the Hemet Unified School District Technical Career Fair, and a Job and Resource Fair in Needles, CA, hosted by San Bernardino County and the Employment Development Department. Metropolitan sponsored and staff attended the CRIT Mega Throw cultural event to share workforce opportunities, and staff continued engagement with the Chemehuevi language class, discussing our industry and job opportunities.

Metropolitan launched the Consultant Bench Workshop, in support of the Equity in Infrastructure Program. The Bench connects small and large construction firms in a mentor-protégé program. In this inaugural partnership, ten small business enterprises were rigorously vetted for a one-to-one with Jacobs Engineering, to learn about small business teaming opportunities, so that firms can be invited to register with the large prime. This ultimately supports the growth of small business utilization in Metropolitan contracts.

# Executive Summary

*This executive summary is added to this report to provide a high-level snapshot of key accomplishments from each area of the organization.*

## **Bay-Delta Resources**

Staff submitted the draft Statutory Exemption for Restoration Projects application for the Webb Tract Wetland Restoration Project to the California Department of Fish and Wildlife for comment. Staff received the 60 percent design drawings for the Webb Tract Wetland Restoration Project. Bay Delta Resources, Engineering, Construction Management, and Environmental Planning have provided review.

## **Chief Financial Officer**

In February, an informational report was provided to the Finance and Asset Management Committee to review Second Quarter Financial Results and projections for Fiscal Year 2024/25. In addition, the Committee provided an update from the Business Model Review and Refinement Ad Hoc Working Group on treated water cost recovery, fixed versus volumetric revenues, and unrestricted reserve policy.

## **Colorado River Resources**

In response to Texas farmers not receiving their full deliveries from Mexico on the Rio Grande, the United States Department of State informed Metropolitan that planned deliveries to Tijuana, Mexico, through Metropolitan's system have been canceled for the month of April.

## **Diversity, Equity & Inclusion**

In March 2025, Metropolitan actively participated in multiple industry and community events to strengthen workforce development and business partnerships and to increase industry awareness. These engagements provided valuable networking opportunities, fostered collaboration with government and business entities, and supported small and diverse businesses. Key highlights included participation in the Palo Verde Career Technical Advisory Committee, NAWIC-LA Week, SAME-LA Industry Day, the Western Winter Workshop, and the Black Business Association's Salute to Black Women Business Conference, which Metropolitan also sponsored.

## **Engineering Services**

Following the Eaton Fire, Metropolitan Engineering services assisted sub-agencies in Altadena through damage assessment, emergency planning, and restoration support. Several reservoirs of the subagencies (Rubio Canyon and Las Flores) were damaged, severely limiting water deliveries to their service areas. To resolve one such supply issue, Engineering designed a new pressure-reducing station to connect existing pipelines among agencies. The new facility enables water flow from an operational higher-pressure zone to a non-operational lower-pressure zone. Engineering also provided field support during construction by Met Construction Services. This facility was completed and operational in early March 2025 to provide the needed relief for the affected communities.

## **Equal Employment Opportunity Office**

EEO worked in partnership with DEI and General Counsel to identify potential changes to the EEO office resulting from a series of executive orders signed by President Trump in January 2025. An update on the current state of Equal Employment Opportunity, Diversity, Equity, and Inclusion at Metropolitan in light of the recent executive orders was presented at the Ethics, EEO, Diversity, Equity & Inclusion Committee Board presentation on March 10. This included the rescinding of Executive Order 11246, the underlying authority requiring annual Affirmative Action Programs for minorities and women at the federal level, Executive Order 14151 "Ending Radical and Wasteful Government DEI Programs and Preferencing," and Executive Order 14173 "Ending Illegal Discrimination and Restoring Merit-Based Opportunity."

## External Affairs

Metropolitan named the San Jacinto Tunnel in honor of former board chair and longtime director Randy Record in tribute to his many years of service and strong leadership. In attendance were Chair Ortega, former Chairwoman Gray, Vice Chair Camacho, Directors Armstrong, Dennstedt, Erdman, Fellow, Faessel, Kurtz, and McMillan, GM Upadhyay, Chief Counsel Scully, Ethics Officer Salinas, AGMs Bednarski, Chapman and Zinke and many other local officials, water industry leaders and Metropolitan staff. The event garnered press coverage including KABC TV and the Los Angeles Times.

## Human Resources

The Business Support Team planned, organized, and coordinated a “Plant-Based Meal Planning” wellness webinar. The live webcast was held on March 19, 2025, and was hosted by Kaiser Permanente. The webinar provided employees with the opportunity to learn how to create healthy plates by using plant-based proteins and identified ways to meet their nutritional needs. Employees were invited to create a realistic action plan to design plant-based meals.

## Information Technology

Our Pasadena Microwave project will serve as a new communication link for Metropolitan’s Eagle Rock Operations Control Center (OCC), Metropolitan’s Headquarters building at Union Station, and Garvey Reservoir Site by improving the reliability of Metropolitan’s microwave communications network. We recently completed Phase 1 of the project, which involved completing a fully executed lease agreement between the City of Pasadena and Metropolitan for us to use space within Pasadena’s property. Phase 2 of the project is underway with our engineering services group, which is conducting the pre-work activities required for their upcoming design task.

## Operations Groups

After months of planning and collaborating, Metropolitan staff completed the annual Colorado River Aqueduct (CRA) and San Diego Canal shutdown. During this month-long shutdown, staff maintained high-voltage transmission and distribution systems at the CRA pumping plants, performed corrosion and condition inspection of key facilities, and recoated delivery line isolation gates. Along the CRA, staff cleaned tunnel and conduit sections of the aqueduct using a custom-made tunnel cleaning machine. During the San Diego Canal shutdown, a contractor removed and replaced concrete panels for a section of canal. All these efforts help ensure continued reliability and efficiency of Metropolitan’s water system.

## Safety, Security, and Protection

The Security and Emergency Management Unit (SEMU) continues to strengthen collaboration with local, state, and national partners in the water sector. Through industry events, joint training, and interagency efforts, SEMU enhances intelligence sharing, emergency preparedness, and security strategies, reinforcing Metropolitan’s role as a leader in critical infrastructure protection.

Emergency Management staff is analyzing lessons from the January 2025 wildfires and developing an After Action Report (AAR). Regular emergency exercises resumed, including a drill at the Skinner Water Treatment Plant and a Seismic Resilient Water Task Force workshop with DWR and LADWP. Staff also continue updating Dam Emergency Action Plans, with the Garvey Plan completed this month.

The Safety Team released the 2025 Safety Toolbox Book and the Union Station Headquarters Newsletter. The Environmental Team submitted various regulatory compliance reports for wastewater discharge. Apprenticeship continued recruiting for the Desert Region and began inviting candidates for written testing, and Technical Training met with all training coordinators to provide instructions on managing training records in the MyLearning database.

## **Sustainability, Resiliency, and Innovation**

Environmental Planning Section continued oversight of reserve management activities to protect valuable natural resources and meet Metropolitan's mitigation obligations. Security patrols were conducted throughout the Lake Mathews Multiple Species Reserve and the Southwestern Riverside County Multi-Species Reserve (MSR) to prevent trespassing, vandalism, poaching, and theft and to protect the reserves' natural and cultural resources, facilities, and equipment.

## **Water Resource Management**

WRM staff continued efforts to promote outdoor water use by holding landscape training and certification classes for nearly 150 attendees. Staff attended and presented at a multi-day tour of the Colorado River hosted by the Water Education Foundation and participated in a working meeting with the U.S. Bureau of Reclamation and California parties to coordinate information on Quantification Settlement Agreement activities in 2024. Staff provided outreach and coordination in the service area through presentations to groups in the Upper Water service area and in San Diego County.



# Reflections



*Metropolitan's Colorado River Aqueduct*



*Metropolitan staff worked in the emergency command centers during the January 2025 wildfires in Los Angeles County, providing technical and operational support.*

## PROGRAM DESCRIPTION

The Colorado River Aqueduct was built at the height of the Great Depression, costing approximately one-tenth of the entire assessed valuation of the Southern California region at that time. Regional leaders looked to the future with clear-eyed conviction, focusing not only on current needs but on those of tomorrow, while Metropolitan staff pioneered the necessary steps to bring that bold vision to life.

That historical yardstick is the foundation for Metropolitan's innovation program. In November 2024, Metropolitan hired its first Innovation Program Manager, Patrick Atwater, to build on past work by other Metropolitan staff to promote innovative approaches to water management.

In January, the Innovation Program facilitated a discussion with Metropolitan's executive team on implementing management best practices. In March, Metropolitan hosted the Western Regional Technology Advisory Group (TAG) to scout frontier technologies for useful pilot projects.

## IMPORTANCE TO METROPOLITAN

Southern California's water industry faces major challenges. Climate change upends century old assumptions. Aging infrastructure and the "silver tsunami" of retirees in the workforce compound cost pressures. Extreme weather like January's hurricane force firestorms and other "known unknowns" like the next big earthquake require increased resiliency.

Therefore, simply maintaining the status quo is unsustainable. Pioneering new practices is mission critical. By working together smartly and collaboratively, Metropolitan's talented staff can ensure our region is prepared for whatever the future holds.

## MEMORABLE MOMENT

On the first day of the March TAG meeting, Metropolitan's Innovation Program led water managers from other utilities on a tour of Altadena's fire scar. Seeing that devastation firsthand offered a sobering reality and an urgent imperative to safeguard the region's future.

**INNOVATE  
TO PROVIDE  
A RELIABLE  
WATER SUPPLY**

**INNOVATE  
THROUGH  
PARTNERSHIPS**

**INNOVATE  
WITH  
TECHNOLOGIES,  
PILOTS AND  
RESEARCH**

**INNOVATE  
WITH EMPLOYEES**

# Water Supply Conditions Report

Water Year 2024-2025

As of 03/31/2025

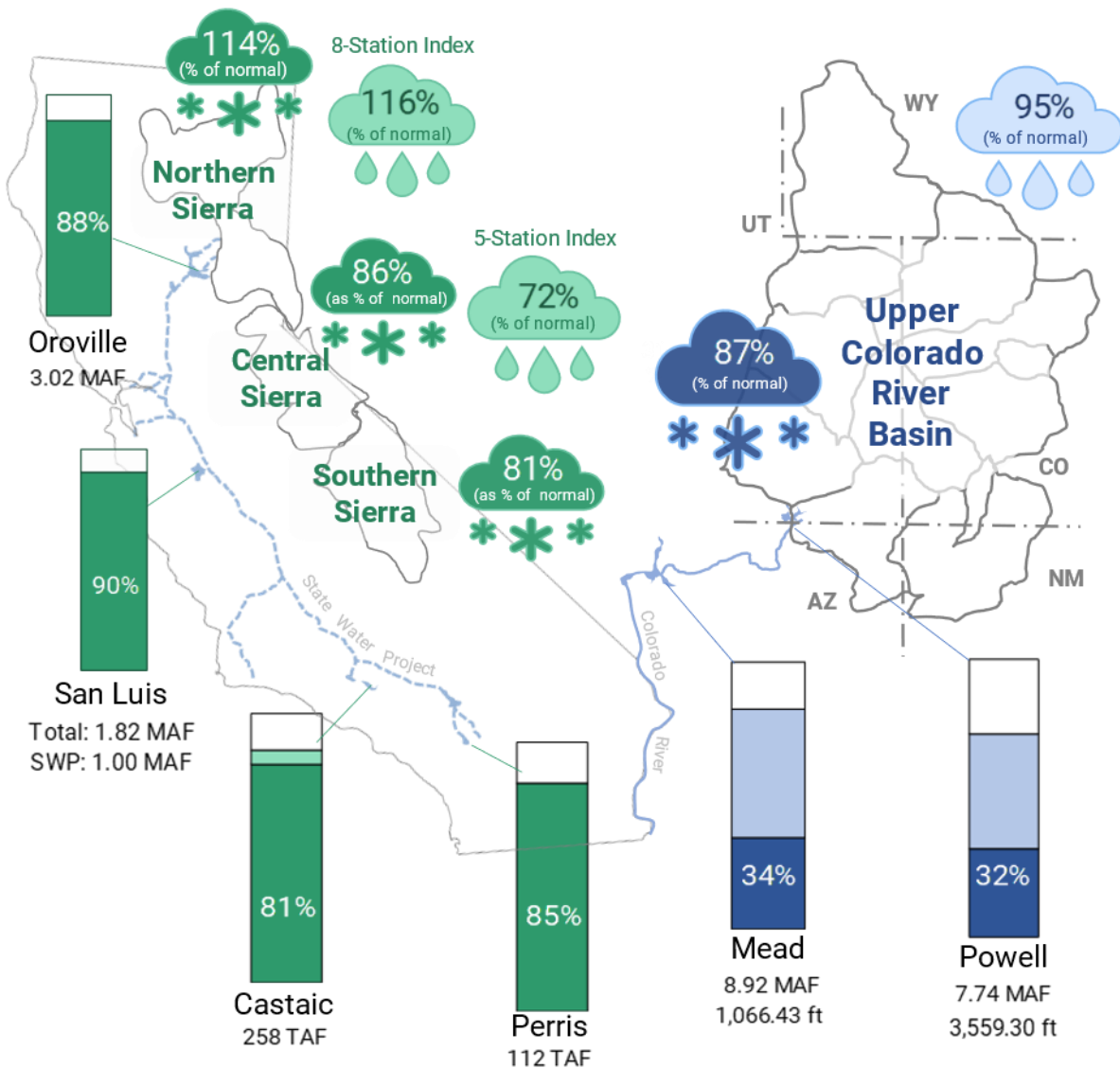
Extended Report: <https://www.mwdh2o.com/WSCR>

## State Water Project Resources

SWP Allocation  
40% Table A: 764,600 acre-feet

## Colorado River Resources

Projected CRA Diversions  
994,000 acre-feet





# Reservoir Report

## End of Month Reservoir Report

Monthly Update as of:

3/31/2025

### Reservoir

### Current Storage

### Percent of Capacity

#### *Colorado River Basin*

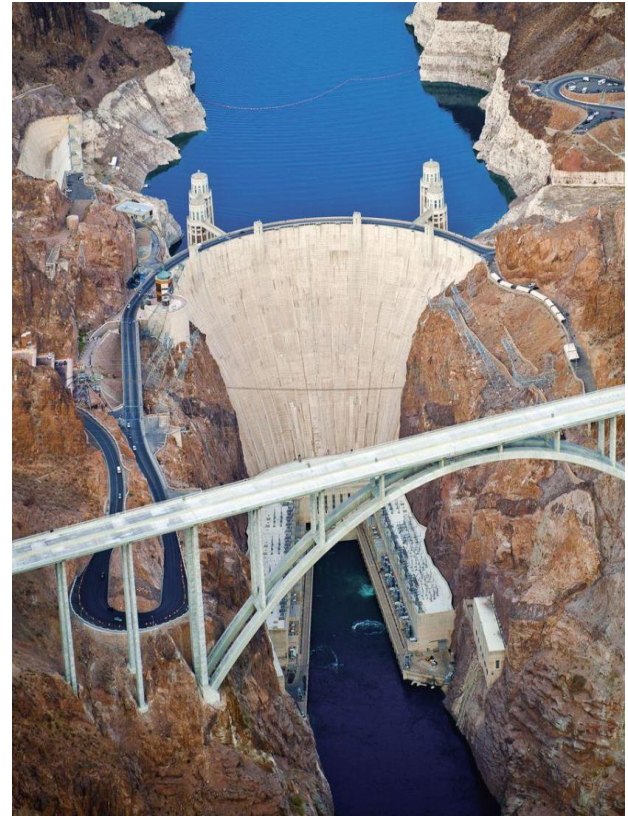
Lake Powell	7,737,232	32%
Lake Mead	8,918,000	34%

#### *DWR*

Lake Oroville	3,023,561	88%
San Luis CDWR	998,855	94%
Castaic Lake	258,376	80%
Silverwood Lake	67,927	91%
Lake Perris	112,255	85%

#### *MWD*

DVL	783,608	97%
Lake Mathews	141,394	78%
Lake Skinner	26,067	59%



Hoover Dam



Metropolitan's Mission is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

700 N. Alameda Street, Los Angeles, CA 90012  
General Information (213) 217-6000  
[www.mwdh2o.com](http://www.mwdh2o.com) [www.bewaterwise.com](http://www.bewaterwise.com)

General Manager: Deven Upadhyay  
Office of the GM (213) 217-6139  
[OfficeoftheGeneralManager@mwdh2o.com](mailto:OfficeoftheGeneralManager@mwdh2o.com)



# Board of Directors General Manager's Report

Item 5C  
April 8, 2025



*Congratulations*  
**Robert Velazquez**  
Retiring after  
30+ years of service



Western C&D Unit Manager



Jensen Ozone Startup (2005)



Western Region Unit



Santa Monica Feeder Leak Response (2018)









## Metropolitan Cases

### ***Katano Kasaine v. Metropolitan*** **(Los Angeles County Superior Court)**

On February 24, 2025, employee Katano Kasaine filed an employment lawsuit against Metropolitan and Adel Hagekhalil in Los Angeles County Superior Court. Plaintiff served the lawsuit on Metropolitan on March 3, 2025. The complaint alleges causes of action for discrimination, hostile work environment, retaliation, failure to prevent discrimination, whistleblower retaliation, equal pay violations, intentional infliction of emotional distress, and defamation. The Legal Department has retained Davis Wright Tremaine LLP to defend the lawsuit.

### ***Samer Samir Shafik Shahat v. Metropolitan*** **(Los Angeles County Superior Court)**

On January 17, 2025, plaintiff Samer Samir Shafik Shahat filed a lawsuit against Metropolitan and an employee in Los Angeles County Superior Court for alleged injuries arising out of a vehicle collision on June 12, 2023. Plaintiff served the lawsuit on Metropolitan on February 4, 2025. The complaint alleges causes of action for negligence, motor vehicle, negligent entrustment, and negligent hiring. The Office of the General Counsel is defending this lawsuit and answered the plaintiff's complaint on March 20, 2025.

## Matters Impacting Metropolitan

### **EPA Seeks Input on New Definition of “Waters of the United States”**

On March 12, 2025, the U.S. Environmental Protection Agency (EPA) and the Army Corps of Engineers (Corps) announced plans to seek stakeholder input on implementing a new definition of “waters of the United States” (WOTUS) under the Clean Water Act (CWA). The agencies' goal is to align their WOTUS implementation with the agencies' pre-2015 definition of “WOTUS” and the U.S. Supreme Court's 2023 decision in *Sackett v. Environmental Protection Agency*, 598 U.S. 651 (2023) (*Sackett*). The EPA will host six stakeholder listening sessions to solicit recommendations beginning in April through May 2025. Registration information and dates are available at <https://www.epa.gov/wotus/public-outreach-and-stakeholder-engagement-activities#wotusnotice>. Written recommendations on specific topics -- including the scope of “relatively permanent” waters, “continuous surface connection,” and jurisdictional ditches -- are due by April 23, 2025.

EPA also issued new implementation guidance clarifying what wetlands qualify as a jurisdictional

WOTUS. The new guidance explains that the Supreme Court in *Sackett* provided a clear two-part test for determining CWA jurisdiction over adjacent wetlands. First, the adjacent water must be a traditional navigable water or relatively permanent water body connected to a traditional navigable water. Second, the wetland must have a continuous surface connection to that water in a way that makes it difficult to distinguish where the water ends and the wetland begins. Thus, the guidance clarifies that the agencies interpret WOTUS to include “only those adjacent wetlands that have a continuous surface connection because they directly abut the [requisite jurisdictional water].” Wetlands separated by uplands, a berm, dike, or similar feature will no longer be considered WOTUS. Also, wetlands with only an intermittent, physically remote hydrologic connection to WOTUS do not have the necessary connection to covered waters that triggers CWA jurisdiction.

Metropolitan staff will submit written recommendations consistent with the Board-adopted Policy Principles and continue to track any future rulemakings or other actions affecting the definition of WOTUS, and any related litigation.



## Other Matters

### Miscellaneous

On March 19, 2025, Metropolitan issued \$99,400,000 of Tax-Exempt Flexible Rate Revolving Note, Series 2025 A-1 to reimburse the District for expenditures made from cash in fiscal year 2024-25 for Board-approved debt-financed projects for the Antelope Valley East Kern (AVEK) High Desert Water Banking Program and to prepay

the District's Tax-Exempt Flexible Rate Revolving Note, Series 2024 A1 and the Tax-Exempt Flexible Rate Revolving Note, Series 2024 A-7. Legal Department staff attorneys worked with and assisted outside bond counsel with the drafting and negotiation of several contracts and closing certificates.

## Matters Received

<u>Category</u>	<u>Received</u>	<u>Description</u>						
Action in which MWD is a party	1	Complaint for Damages for: (1) Harassment Based on Race; (2) Harassment Based on Gender; (3) Discrimination Based on Race; (4) Discrimination Based on Gender; (5) Retaliation; (6) Failure to Take All Reasonable Steps to Prevent and Correct Harassment, Discrimination, and Retaliation; (7) Whistleblower Retaliation; (8) Violation of Labor Code § 1197.5 (California Equal Pay Act); (9) Intentional Infliction of Emotional Distress; and (10) Defamation, filed in Los Angeles County Superior Court, in the case <i>Katano Kasaine v. MWD and Adel Hagekhalil</i> , Case No. 25STCV05250						
Subpoenas	1	Worker's Compensation subpoena for personnel, medical, and payroll records for an agency temp						
Government Code Claims	1	Claim relating to an accident involving an MWD vehicle						
Requests Pursuant to the Public Records Act	14	<table><tr><th><u>Requestor</u></th><th><u>Documents Requested</u></th></tr><tr><td>22nd Century Technologies</td><td>Current contracts for: (1) On-Call Information Technology Infrastructure Services; (2) On-Call Information Technology Quality Assurance and Control, Project Management, and Business Analysis Support Services; (3) On-Call Information Technology Application Support Services; and (4) Information Technology Cybersecurity Services</td></tr><tr><td>BTCS Group</td><td>Winning Statements of Qualifications and Evaluation Score Sheets for IT Application Support Services</td></tr></table>	<u>Requestor</u>	<u>Documents Requested</u>	22nd Century Technologies	Current contracts for: (1) On-Call Information Technology Infrastructure Services; (2) On-Call Information Technology Quality Assurance and Control, Project Management, and Business Analysis Support Services; (3) On-Call Information Technology Application Support Services; and (4) Information Technology Cybersecurity Services	BTCS Group	Winning Statements of Qualifications and Evaluation Score Sheets for IT Application Support Services
<u>Requestor</u>	<u>Documents Requested</u>							
22nd Century Technologies	Current contracts for: (1) On-Call Information Technology Infrastructure Services; (2) On-Call Information Technology Quality Assurance and Control, Project Management, and Business Analysis Support Services; (3) On-Call Information Technology Application Support Services; and (4) Information Technology Cybersecurity Services							
BTCS Group	Winning Statements of Qualifications and Evaluation Score Sheets for IT Application Support Services							



<u>Requestor</u>	<u>Documents Requested</u>
Center for Contract Compliance (4 requests)	Contract/bid information relating to the: (1) Solids Removal and Disposal Services at the Jensen Treatment Plant; (2) Landscape Maintenance and Irrigation Repairs at the Jensen Water Treatment Plant; (3) Landscape Maintenance and Repair Services at the Garvey Reservoir; and (4) Lake Skinner Dam Perimeter Drainage Improvements
Deltek	Bidders list for the Intramet Redesign
GHD	Documents relating to any environmental issues with septic systems or water supply wells at Monlux Elementary School in Valley Glen
Private Citizen (2 requests)	(1) Documents relating to the request for proposal and contracts for Multimedia Placement Consulting Services for Water Awareness and Outreach Campaign' and (2) documents relating to a turf removal rebate paid to Casta del Sol Homeowners Association
Rincon Consultants	Turf removal rebate data during the period 2020-2024 for participants in the Vallecitos Water District service area
Santa Margarita Water District	Proposals submitted in response to the 2019 Request for Qualifications for On-Call Consulting Services for Asset Management Program Planning and Development Services
Trellix	Scoring for responses to Request for Proposal for Cybersecurity Operation Center (CSOC) Support Services
Tryfacta	Technical and cost proposals submitted by the awarded vendors and the amount spent on the contracts for: (1) On-Call Information Technology Infrastructure Services; (2) On-Call Information Technology Quality Assurance and Control, Project Management, and Business Analysis Support Services; and (3) Information Technology Application Support Services





<u>Category</u>	<u>Received</u>	<u>Description</u>
Other Matters	1	Wage garnishment



PLEASE NOTE

- ADDITIONS ONLY IN THE FOLLOWING TWO TABLES WILL BE SHOWN IN RED.
- ANY CHANGE TO THE *OUTSIDE COUNSEL AGREEMENTS* TABLE WILL BE SHOWN IN REDLINE FORM (I.E., ADDITIONS, REVISIONS, DELETIONS).



Bay-Delta and SWP Litigation	
Subject	Status
<b>Delta Conveyance Project CEQA Cases</b>  <i>Tulare Lake Basin Water Storage District v. California Department of Water Resources</i> (case name for the consolidated cases)  <i>City of Stockton v. California Department of Water Resources</i>  <i>County of Butte v. California Department of Water Resources</i>  <i>County of Sacramento v. California Department of Water Resources</i>  <i>County of San Joaquin et al. v. California Department of Water Resources</i>  <i>Sacramento Area Sewer District v. California Department of Water Resources</i>  <i>San Francisco Baykeeper, et al. v. California Department of Water Resources</i>  <i>Sierra Club, et al. v. California Department of Water Resources</i>  <i>South Delta Water Agency and Rudy Mussi Investment L.P. v. California Department of Water Resources</i>  <i>Sacramento County Superior Ct. (Judge Acquistio)</i>  3d District Court of Appeal Case No. C101878	<ul style="list-style-type: none"> <li>DWR is the only named respondent/defendant</li> <li>All alleged CEQA violations</li> <li>Most allege violations of the Delta Reform Act, Public Trust Doctrine and Delta and Watershed Protection Acts</li> <li>Two allege violations of the fully protected bird statute</li> <li>One alleges violations of Proposition 9 (1982) and the Central Valley Project Act</li> <li>Deadline for DWR to prepare the administrative record extended to Jan. 31, 2025</li> <li>June 20, 2024 trial court issued a preliminary injunction halting pre-construction geotechnical soil testing until DWR certifies that the DCP is consistent with the Delta Plan</li> <li>Aug. 19, 2024 DWR appealed the injunction</li> <li>Oct. 24, 2024 cases ordered consolidated for all purposes under <i>Tulare Lake Basin Water Storage District v. California Department of Water Resources</i></li> <li><del>April 4, 2025 next case management conference</del></li> <li>Feb. 6, 2025 DWR filed its opening brief on appeal of the preliminary injunction halting preconstruction geotechnical work</li> <li>March 21, 2025 trial court hearing on DWR's motion to for stay of enforcement of injunction to allow the DCA to resume preconstruction geotechnical work</li> <li><u>Aug. 8, 2025 next case management conference</u></li> </ul>
<b>Delta Conveyance Project Water Right Permit Litigation</b>  <i>Central Delta Water Agency et al. v. State Water Resources Control Board</i>  Fresno County Superior Court (Judge <del>Hamilton</del> <u>Lisa Gamoian</u> )	<ul style="list-style-type: none"> <li>Complaint filed April 16, 2024, alleges that the State Water Board must rule on DWR's 2009 petition to extend the time to perfect its State Water Project rights before the State Water Board may begin to adjudicate DWR's petition to change its water rights to add new points of diversion for the Delta Conveyance Project</li> <li>Sept. 19 hearing date for State Water Resources Control Board demurrer (motion to dismiss) and motion to strike and DWR's demurrer (motion to dismiss) taken off calendar by court-entered stipulation of the</li> </ul>



Subject	Status
	<p>parties after DWR withdrew the 2009 petition to extend its SWP water rights</p> <ul style="list-style-type: none"> <li><del>March 11, 2025 Trial Setting Conference</del></li> <li><u>August 27, 2025 Case Management Conference</u></li> </ul>
<p><b>Consolidated DCP Revenue Bond Validation Action and CEQA Case</b></p> <p><i>Sierra Club, et al. v. California Department of Water Resources</i> (CEQA, designated as lead case)</p> <p><i>DWR v. All Persons Interested</i> (Validation)</p> <p>Sacramento County Superior Ct. (Judge Kenneth C. Mennemeier)</p> <p>3d District Court of Appeal Case No. C100552</p>	<ul style="list-style-type: none"> <li><b>Validation Action</b></li> <li>Final Judgment and Final Statement of Decision issued January 16, 2024 ruling the bonds are not valid</li> <li>DWR, Metropolitan and other supporting public water agencies filed Notices of Appeal on or before the February 16, 2024 deadline</li> <li>Eight opposing groups filed Notices of Cross Appeals by March 27, 2024</li> <li>April 16, 2024 DWR moved to dismiss the cross appeals as untimely</li> <li>October 4, 2024 DWR's and Supporting SWP Contractors' Joint Opening Brief and Appellants' Appendix filed</li> <li>October 15, 2024 DWR's and Supporting SWP Contractors' joint motion for calendar preference was granted; the appeal will be accorded priority pursuant to statutory provisions, which should accelerate oral argument and the court's decision once briefing is completed in about March 2025</li> <li>Respondents' and Cross-Appellants' briefs filed Dec. 31, 2024 and Jan. 2, 2025</li> <li>DWR's and Supporting SWP Contractors' filed reply to Howard Jarvis Taxpayers Association's opposition brief Feb. 11, 2025</li> <li>DWR's and Supporting SWP Contractors' combined opposition to cross-appeals and reply brief <u>filed April 1, 2025</u><del>due ~March 18, 2025</del></li> <li><u>Cross-Appellants' reply briefs due May 12, 2025</u></li> </ul>



Subject	Status
<p><b>2025 Delta Conveyance Program Revenue Bond Validation</b></p> <p><i>Department of Water Resources v. All Persons Interested, etc.</i></p> <p>Sacramento County Superior Court (Judge TBD)</p>	<ul style="list-style-type: none"> <li>Jan. 6, 2025, the Department of Water Resources (DWR) adopted a new bond resolution</li> <li>Jan. 7, DWR filed a complaint seeking a judgment validating its authority to issue the bonds under the CVP Act</li> <li>Jan. 27, 2025 summons issued</li> <li>Feb. 27, 2026 Case Management Conference</li> <li>March 25, 2025 deadline to file answers</li> <li><del>Metropolitan and Coachella Valley Water District filed answers in support in mid- and late-February, respectively</del> <u>15 answers filed, 10 in opposition and 5 in support</u></li> <li><u>Two motions to dismiss filed; the first noticed for a June 12, 2025 hearing, the second for October 8, 2025</u></li> </ul>
<p><b>SWP-CVP 2019 BiOp Cases</b></p> <p><i>Pacific Coast Fed'n of Fishermen's Ass'ns, et al. v. Raimondo, et al. (PCFFA)</i></p> <p><i>Calif. Natural Resources Agency, et al. v. Raimondo, et al. (CNRA)</i></p> <p>Federal District Court, Eastern Dist. of California, Fresno Division (Judge Thurston)</p>	<ul style="list-style-type: none"> <li>SWC intervened in both <i>PCFFA</i> and <i>CNRA</i> cases</li> <li>Federal defendants reinitiated consultation on Oct 1, 2021</li> <li>March 28, 2024 order extending the Interim Operations Plan and the stay of the cases through the issuance of a new Record of Decision or December 20, 2024, whichever is first</li> </ul>
<p><b>2020 CESA Incidental Take Permit Cases</b></p> <p><b>Coordinated Case Name <i>CDWR Water Operations Cases</i>, JCCP 5117 (Coordination Trial Judge Gevercer)</b></p> <p><i>Metropolitan &amp; Mojave Water Agency v. Calif. Dept. of Fish &amp; Wildlife, et al. (CESA/CEQA/Breach of Contract)</i></p> <p><i>State Water Contractors &amp; Kern County Water Agency v. Calif. Dept. of Fish &amp; Wildlife, et al. (CESA/CEQA)</i></p> <p><i>San Bernardino Valley Municipal Water Dist. v. Calif. Dept. of Water Resources, et al. (CEQA/CESA/ Breach of Contract/Takings)</i> <i>Sierra Club, et al. v. Calif. Dept. of Water Resources (CEQA/Delta Reform Act/Public Trust)</i></p>	<ul style="list-style-type: none"> <li>Administrative records certified in October 2023</li> <li>Order entered to delay setting a merits briefing schedule by 90 days and extending the time to bring the action to trial by six months</li> <li>Deadline to bring all the coordinated cases to trial is now December 5, 2025</li> <li>December 2024 three petitioner groups filed requests for dismissal without prejudice</li> <li>Remaining petitioner groups meeting and conferring in light of the new, 2024 CESA Incidental Take Permit</li> <li><u>SF Baykeeper dismissed its case on March 18, 2025</u></li> <li><u>March 7May 2, 2025</u> Case Management Conference</li> </ul>



Subject	Status
<del><i>San Francisco Baykeeper, et al. v. Calif. Dept. of Water Resources, et al. (CEQA/CESA)</i></del>	
<b>2024 CESA Incidental Take Permit Cases</b>  <i>San Francisco Baykeeper, et al. v. California Department of Water Resources</i> (CEQA, Delta Reform Act, Public Trust Doctrine)  Sacramento County Superior Ct. Case No. 24WM000185 (Judge Arguelles)  <i>California Sportfishing Protection Alliance, et al. v. California Department of Water Resources, et al.</i> (CEQA, CESA, Delta Reform Act, Public Trust Doctrine)  Sacramento County Superior Ct. Case No. 24WM000181 (Judge Arguelles)  <i>Tehama-Colusa Canal Authority, et al. v. California Department Of Water Resources, et al.</i> (CEQA)  Sacramento County Superior Ct. Case No. 24WM000183 (Judge Rockwell)  <b><i>Central Delta Water Agency and South Delta Water Agency v. California Department of Water Resources</i></b> (CEQA, Delta Reform Act, Watershed Protection Acts, Public Trust Doctrine)  <b>Sacramento County Superior Ct. Case No. 24WM000186</b> (Judge Acquisto)	<ul style="list-style-type: none"><li>Cases challenge DWR's Final EIR and the California Department of Fish and Wildlife's California Endangered Species Act Incidental Take Permit for the updated Long Term Operations plan for the State Water Project</li></ul>



Subject	Status
<p><b>CDWR Environmental Impact Cases</b>  <b>Sacramento Superior Ct. Case No. JCCP 4942,</b>  <b>3d DCA Case No. C100302</b>  <b>(20 Coordinated Cases)</b></p> <p>Validation Action  <i>DWR v. All Persons Interested</i></p> <p>CEQA  17 cases</p> <p>CESA/Incidental Take Permit  2 cases</p> <p>(Judge Arguelles)</p>	<ul style="list-style-type: none"> <li>• Cases dismissed after DWR rescinded project approval, bond resolutions, decertified the EIR, and CDFW rescinded the CESA incidental take permit</li> <li>• January 10, 2020 – Nine motions for attorneys’ fees and costs denied in their entirety</li> <li>• May 11, 2022, court of appeal reversed the trial court’s denial of attorney fees and costs</li> <li>• Coordinated cases remitted to trial court for re-hearing of fee motions consistent with the court of appeal’s opinion</li> <li>• Dec. 26, 2023 order denying fee motions</li> <li>• Six notices of appeal filed</li> <li>• Appellants’ opening briefs and appendices filed Oct. 29 and Oct. 31</li> <li>• Feb. 13, 2025 DWR filed its omnibus respondents’ (opposition) brief</li> <li>• Reply briefs due May 5, 2025</li> </ul>
<p><del><i>North Coast Rivers Alliance v. DWR</i></del>  <del><i>Sacramento County Superior Ct.</i></del>  <del><i>(Judge Rockwell)</i></del></p>	<ul style="list-style-type: none"> <li>• <del>Case dismissed Dec. 12, 2024</del></li> </ul>
<p><b>Water Management Tools Contract Amendment</b></p> <p><i>California Water Impact Network et al. v. DWR</i>  Sacramento County Superior Ct.  (Judge Acquisto)</p> <p><i>North Coast Rivers Alliance, et al. v. DWR</i>  Sacramento County Super. Ct.  (Judge Acquisto)</p>	<ul style="list-style-type: none"> <li>• Filed September 28, 2020</li> <li>• CWIN and Aqualliance allege one cause of action for violation of CEQA</li> <li>• NCRA et al. allege four causes of action for violations of CEQA, the Delta Reform Act, Public Trust Doctrine and seeking declaratory relief</li> <li>• SWC motion to intervene in both cases granted</li> <li>• Dec. 20, 2022 DWR filed notice of certification of the administrative record and filed answers in both cases</li> </ul>



***San Diego County Water Authority v. Metropolitan, et al.***

Cases	Date	Status
<b>2014, 2016</b>	Sept. 30	Based on the Court of Appeal's Sept. 21 opinion in the parties' earlier 2010/2012 cases, and the Board's Sept. 28 authorization, Metropolitan paid \$35,871,153.70 to SDCWA for 2015-2017 Water Stewardship Rate charges under the Exchange Agreement and statutory interest.
<b>2017</b>	July 23, 2020	Dismissal without prejudice entered.
<b>2018</b>	April 11, 2022	Court entered order of voluntary dismissal of parties' WaterFix claims and cross-claims.
<b>2014, 2016, 2018</b>	June 11, 2021	Deposition of non-party witness.
	Aug. 25	Hearing on Metropolitan's motion for further protective order regarding deposition of non-party witness.
	Aug. 25	Court issued order consolidating the 2014, 2016, and 2018 cases for all purposes, including trial.
	Aug. 30	Court issued order granting Metropolitan's motion for a further protective order regarding deposition of non-party witness.
	Aug. 31	SDCWA filed consolidated answer to Metropolitan's cross-complaints in the 2014, 2016, and 2018 cases.
	Feb. 22	Metropolitan and SDCWA each filed motions for summary adjudication.
	April 13	Hearing on Metropolitan's and SDCWA's motions for summary adjudication.
	May 4	Court issued order granting Metropolitan's motion for summary adjudication on cross-claim for declaratory relief that the conveyance facility owner, Metropolitan, determines fair compensation, including any offsetting benefits; and denying its motion on certain other cross-claims and an affirmative defense.
	May 11	Court issued order granting SDCWA's motion for summary adjudication on cross-claim for declaratory relief in the 2018 case regarding lawfulness of the Water Stewardship Rate's inclusion in the wheeling rate and transportation rates in 2019-2020; certain cross-claims and affirmative defenses on the ground that Metropolitan has a duty to charge no more than fair compensation, which includes reasonable credit for any offsetting benefits, with the court also stating that whether that duty arose and whether Metropolitan breached that duty are issues to be resolved at trial; affirmative defenses that SDCWA's claims are untimely and SDCWA has not satisfied claims presentation requirements; affirmative defense in the 2018 case that SDCWA has not satisfied contract dispute resolution requirements; claim, cross-claims, and affirmative defenses regarding applicability of



Cases	Date	Status
<b>2014, 2016, 2018 (cont.)</b>		Proposition 26, finding that Proposition 26 applies to Metropolitan's rates and charges, with the court also stating that whether Metropolitan violated Proposition 26 is a separate issue; and cross-claims and affirmative defenses regarding applicability of Government Code section 54999.7, finding that section 54999.7 applies to Metropolitan's rates. Court denied SDCWA's motion on certain other cross-claims and affirmative defenses.
	May 16-27	Trial occurred but did not conclude.
	June 3, June 24, July 1	Trial continued, concluding on July 1.
	June 24	SDCWA filed motion for partial judgment.
	July 15	Metropolitan filed opposition to motion for partial judgment.
	Aug. 19	Post-trial briefs filed.
	Sept. 14	Court issued order granting in part and denying in part SDCWA's motion for partial judgment (granting motion as to Metropolitan's dispute resolution, waiver, and consent defenses; denying motion as to Metropolitan's reformation cross-claims and mistake of fact and law defenses; and deferring ruling on Metropolitan's cost causation cross-claim).
	Sept. 21	Metropolitan filed response to order granting in part and denying in part SDCWA's motion for partial judgment (requesting deletion of Background section portion relying on pleading allegations).
	Sept. 22	SDCWA filed objection to Metropolitan's response to order granting in part and denying in part SDCWA's motion for partial judgment.
	Sept. 27	Post-trial closing arguments.
	Oct. 20	Court issued order that it will rule on SDCWA's motion for partial judgment as to Metropolitan's cost causation cross-claim simultaneously with the trial statement of decision.
	Dec. 16	Parties filed proposed trial statements of decision.
	Dec. 21	SDCWA filed the parties' stipulation and proposed order for judgment on Water Stewardship Rate claims for 2015-2020.
	Dec. 27	Court entered order for judgment on Water Stewardship Rate claims for 2015-2020 as proposed by the parties.
	March 14, 2023	Court issued tentative statement of decision (tentatively ruling in Metropolitan's favor on all claims litigated at trial, except for those ruled to be moot based on the rulings in Metropolitan's favor)





Cases	Date	Status
<b>2014, 2016, 2018 (cont.)</b>	March 14	Court issued amended order granting in part and denying in part SDCWA's motion for partial judgment (ruling that Metropolitan's claims for declaratory relief regarding cost causation are not subject to court review).
	March 29	SDCWA filed objections to tentative statement of decision
	April 3	Metropolitan filed response to amended order granting in part and denying in part SDCWA's motion for partial judgment (requesting deletion of Background section portion relying on pleading allegations).
	April 25	Court issued statement of decision (ruling in Metropolitan's favor on all claims litigated at trial, except for those ruled to be moot based on the rulings in Metropolitan's favor)
	Jan. 10, 2024	Parties filed joint status report and stipulated proposal on form of judgment
	Jan. 17	Court issued order approving stipulated proposal on form of judgment (setting briefing and hearing)
	April 3	Court entered final judgment
	April 3	Court issued writ of mandate regarding demand management costs
	April 3	SDCWA filed notice of appeal
	April 17	Metropolitan filed notice of cross-appeal
	May 3	Participating member agencies filed notice of appeal
	May 31	Parties filed opening briefs on prevailing party
	June 28	Parties filed response briefs on prevailing party
	July 17	Court issued tentative ruling that there is no prevailing party due to mixed results
	July 18	Hearing on prevailing party; court took matter under submission, stating it expects to rule in mid-Aug.
	Aug. 15	Court issued ruling that Metropolitan is the prevailing party and is entitled to SDCWA's payment of its litigation costs and fees under the Exchange Agreement
	Sept. 25	Court issued order extending time for Metropolitan to file its memorandum of costs and motion for attorneys' fees
	Sept. 27	Metropolitan filed its memorandum of costs in the amount of \$372,788.64



Cases	Date	Status
<b>2014, 2016, 2018 (cont.)</b>	Oct. 18	Parties filed a joint application to extend the briefing schedule in the Court of Appeal
	Oct. 21	Court of Appeal granted parties' joint briefing schedule; briefing begins April 11, 2025 and ends October 10, 2025
	Oct. 29	SDCWA filed its motion to tax (reduce) Metropolitan's costs
	Nov. 26	SDCWA withdrew its motion to tax (reduce) Metropolitan's costs and requested that the court cancel the Dec. 11 motion hearing
	Dec. 17	The court entered the parties' stipulated order that Metropolitan's recoverable attorneys' fees are \$3,402,408.71 and its recoverable costs are \$372,788.64; unless the Court of Appeal reverses the order that Metropolitan is the prevailing party, SDCWA is to pay Metropolitan these amounts, plus interest; and briefing on Metropolitan's motion for attorneys' fees is vacated.
	Dec. 17	The court issued an order reassigning the cases from the Honorable Anne-Christine Massullo to the Honorable Ethan P. Schulman.
	Jan. 28, 2025	Court of Appeal granted parties' modified joint briefing schedule; briefing begins July 11, 2025 and ends January 9, 2026.
<b>All Cases</b>	April 15, 2021	Case Management Conference on 2010-2018 cases. Court set trial in 2014, 2016, and 2018 cases on May 16-27, 2022.
	April 27	SDCWA served notice of deposition of non-party witness.
	May 13-14	Metropolitan filed motions to quash and for protective order regarding deposition of non-party witness.
	June 4	Ruling on motions to quash and for protective order.



Outside Counsel Agreements				
Firm Name	Matter Name	Agreement No.	Effective Date	Contract Maximum
Albright, Yee & Schmit, APC	Employment Matter	222524	11/24	\$75,000
	Employment Matter	222529	12/24	\$50,000
	<u>Employment Matter</u>	<u>222536</u>	<u>03/25</u>	<u>\$50,000</u>
	<u>Employment Matter</u>	<u>222542</u>	<u>03/25</u>	<u>\$50,000</u>
Andrade Gonzalez LLP	MWD v. DWR, CDFW and CDNR Incidental Take Permit (ITP) CESA/CEQA/Contract Litigation	185894	07/20	\$250,000
Aleshire & Wynder	Oil, Mineral and Gas Leasing	174613	08/18	\$50,000
Anzel Galvan LLP	Bond Issues	220411	07/24	N/A
Atkinson Andelson Loya Ruud & Romo	Employee Relations	59302	04/04	\$1,316,937
	Delta Conveyance Project Bond Validation-CEQA Litigation	185899	09/21	\$250,000
	MWD Drone and Airspace Issues	193452	08/20	\$50,000
	AFSCME Local 1902 in Grievance No. 1906G020 (CSU Meal Period)	201883	07/12/21	\$30,000
	<del>AFSCME Local 1902 v. MWD, PERB Case No. LA-CE-1438-M</del>	<del>201889</del>	<del>09/15/21</del>	<del>\$20,000</del>
	MWD MOU Negotiations**	201893	10/05/21	\$100,000
	Misconduct Investigation	222533	01/25	\$25,000
	Ethics Investigation	222534	01/25	\$25,000
	<u>PRA Issues</u>	<u>222539</u>	<u>02/25</u>	<u>\$20,000</u>
BDG Law Group, APLC	Gutierrez v. MWD	216054	03/24	\$250,000



Firm Name	Matter Name	Agreement No.	Effective Date	Contract Maximum
Best, Best & Krieger	Bay-Delta Conservation Plan/Delta Conveyance Project (with SWCs)	170697	08/17	\$500,000
	Environmental Compliance Issues	185888	05/20	\$100,000
	Grant Compliance Issues	211921	05/23	\$150,000
	Pure Water Southern California	207966	11/22	\$250,000
	Progressive Design Build	216053	04/24	\$250,000
Blooston, Mordkofsky, Dickens, Duffy & Prendergast, LLP	FCC and Communications Matters	110227	11/10	\$100,000
Brown White & Osborn LLP	Employment Matter	222523	10/24	\$50,000
	Employment Matter	222525	11/24	\$50,000
Buchalter, a Professional Corp.	Union Pacific Industry Track Agreement	193464	12/07/20	\$50,000
Burke, Williams & Sorensen, LLP	Real Property – General	180192	01/19	\$100,000
	Labor and Employment Matters	180207	04/19	\$75,000
	General Real Estate Matters	180209	08/19	\$200,000
	Rancho Cucamonga Condemnation Actions (Grade Separation Project)	207970	05/22	\$100,000
Law Office of Alexis S.M. Chiu*	Bond Counsel	200468	07/21	N/A
	Bond Counsel	220409	07/24	N/A
Castañeda + HeideIman LLP	Employment Matter	216055	04/24	\$100,000
	Employment Matter	222530	11/24	\$100,000
Cislo & Thomas LLP	Intellectual Property	170703	08/17	\$100,000
Curls Bartling P.C.*	Bond Counsel	200470	07/21	N/A
Davis Wright Tremaine, LLP	Advice and Representation re Potential Litigation	220424	10/24	\$250,000
Duane Morris LLP	SWRCB Curtailment Process	138005	09/14	\$615,422



Firm Name	Matter Name	Agreement No.	Effective Date	Contract Maximum
Duncan, Weinberg, Genzer & Pembroke	Power Issues	6255	09/95	\$3,175,000
Ellison, Schneider, Harris & Donlan	Colorado River Issues	69374	09/05	\$175,000
	Issues re SWRCB	84457	06/07	\$200,000
Erin Joyce Law, PC	Employment Matter	216039	11/23	<del>\$100,000</del>
	Ethics Advice	216058	05/24	\$100,000
Glaser Weil Fink Howard Jordan & Shapiro	Employment Matter	220395	7/24	<del>\$160,000</del> <del>\$150,000</del>
Greines, Martin, Stein & Richland LLP	SDCWA v. MWD	207958	10/22	\$100,000
	Colorado River Matters	207965	11/22	\$100,000
Hackler Flynn & Associates	Government Code Claim Advice	216059	5/24	\$150,000
Haden Law Office	Real Property Matters re Agricultural Land	180194	01/19	\$50,000
Hanna, Brophy, MacLean, McAleer & Jensen, LLP	Workers' Compensation	211926	06/23	\$500,000
Hanson Bridgett LLP	Finance Advice	158024	12/16	\$100,000
	Deferred Compensation/HR	170706	10/17	<del>\$600,000</del> <del>\$500,000</del>
	Tax Issues	180200	04/19	\$50,000
	Alternative Project Delivery (ADP)	207961	10/22	\$250,000
	Ad Valorem Property Taxes	216042	11/23	\$100,000
Harris & Associates	Employment Matter	220397	7/24	<del>\$100,000</del>
Hausman & Sosa, LLP	Jones v. MWD	216056	05/24	\$100,000
	Villavicencio v. MWD	220426	10/24	\$100,000
	Jensen Operator Standby Removal	222522	10/24	\$100,000



Firm Name	Matter Name	Agreement No.	Effective Date	Contract Maximum
Hawkins Delafield & Wood LLP*	Bond Counsel	193469	07/21	N/A
	Bond Counsel	220405	07/24	N/A
Hemming Morse, LLP	Baker Electric v. MWD	211933	08/23	\$175,000
Horvitz & Levy	SDCWA v. MWD	124100	02/12	\$1,250,000
	General Appellate Advice	146616	12/15	\$200,000
	Colorado River	203464	04/22	\$100,000
	Delta Conveyance Bond Validation Appeal	216047	03/24	\$25,000
	PFAS Multi-District Litigation – Appeal	216050	03/24	\$200,000
Innovative Legal Services, P.C.	Employment Matter	211915	01/19/23	\$175,000
Internet Law Center	Cybersecurity and Privacy Advice and Representation	200478	04/13/21	\$100,000
	Systems Integrated, LLC v. MWD	201875	05/17/21	\$100,000
Amira Jackmon, Attorney at Law*	Bond Counsel	200464	07/21	N/A
Jackson Lewis P.C.	Employment: Department of Labor Office of Contract Compliance	137992	02/14	\$45,000
Jones Hall, A Professional Law Corp*	Bond Counsel	200465	07/21	N/A
Katten Muchin Rosenman LLP	Bond Counsel	220412	07/24	N/A
Kronenberger Rosenfeld, LLP	Systems Integrated, LLC v. MWD	211920	04/23	\$250,000
Kutak Rock LLP	Delta Islands Land Management	207959	10/22	<del>\$160,000</del> <del>\$60,000</del>
<u>Lesnick Prince &amp; Pappas LLP</u>	<u>Kidde-Fenwal Bankruptcy</u>	<u>216061</u>	<u>06/24</u>	<u>\$50,000</u>





Firm Name	Matter Name	Agreement No.	Effective Date	Contract Maximum
Liebert Cassidy Whitmore	Labor and Employment	158032	02/17	<del>\$244,741</del> <del>\$240,824</del>
	FLSA Audit	180199	02/19	\$50,000
	EEO Advice	216041	12/23	\$250,000
Lieff Cabraser Heimann & Bernstein, LLP	PFAS Multi-District Litigation	216048	03/24	\$200,000
Manatt, Phelps & Phillips	SDCWA v. MWD rate litigation	146627	06/16	\$4,400,000
	Raftelis-Subcontractor of Manatt, Agr. #146627: Per 5/2/22 Engagement Letter between Manatt and Raftelis, MWD paid Raftelis Financial Consultants, Inc.	Invoice No. 23949		\$56,376.64 for expert services & reimbursable expenses in SDCWA v. MWD
Marten Law LLP	PFAS Multi-District Litigation	216034	09/23	\$550,000
	PFAS-Related Issues (PWSC)	220414	08/24	\$100,000
	Perris Valley Pipeline Project	220415	07/24	\$100,000
	PFAS-Related Issues (General)	220413	10/24	\$50,000
Meyers Nave Riback Silver & Wilson	Pure Water Southern California	207967	11/22	\$100,000
Miller Barondess, LLP	SDCWA v. MWD	138006	12/14	\$600,000
Morgan, Lewis & Bockius	SDCWA v. MWD	110226	07/10	\$8,750,000
	Project Labor Agreements	200476	04/21	\$100,000
Musick, Peeler & Garrett LLP	Colorado River Aqueduct Electric Cables Repair/Contractor Claims	193461	11/20	\$3,250,000
	Arvin-Edison v. Dow Chemical	203452	01/22	\$150,000
	Semitropic TCP Litigation	207954	09/22	\$75,000
	Employment Matter	220417	08/24	\$100,000



Firm Name	Matter Name	Agreement No.	Effective Date	Contract Maximum
Nixon Peabody LLP*	Bond Counsel [re-opened]	193473	07/21	N/A
	Special Finance Project	207960	10/22	\$50,000
	Bond Counsel	220404	07/24	N/A
Norton Rose Fulbright US LLP*	Bond Counsel	200466	07/21	N/A
	Bond Counsel	220407	7/24	N/A
Olson Remcho LLP	Government Law	131968	07/14	\$600,000
	Executive Committee/Ad Hoc Committees Advice	207947	08/22	\$60,000
	Advice/Assistance re Proposition 26/Election Issues	211922	05/23	\$100,000
Pearlman, Brown & Wax, L.L.P.	Workers' Compensation	216037	10/23	\$100,000
Procopio, Cory, Hargreaves & Savitch, LLP	CityWatch Los Angeles Public Records Act Request	216046	02/24	\$75,000
	Public Records Act Requests	220399	7/24	\$75,000
<u>Redwood Public Law, LLP</u>	<u>PRA and Conflicts Issues</u>	<u>222540</u>	<u>02/25</u>	<u>\$150,000</u>
Renne Public Law Group, LLP	<del>ACE v. MWD (PERB Case No. LA-CE-1574-M)</del>	<del>203466</del>	<del>05/22</del>	<del>\$100,000</del>
	ACE v. MWD (PERB Case No. LA-CE-1611-M)	207962	10/22	\$50,000
	Employee Relations and Personnel Matters	216045	01/24	\$50,000
	ACE v. MWD (PERB Case No. LA-CE-1729-M)	220421	09/24	\$35,000
	AFSCME v. MWD (PERB Case No. LA-CE-1733-M)	220422	09/24	\$35,000
	AFSCME v. MWD (PERB Case No. LA-CE-1738-M)	220425	10/24	\$35,000



Firm Name	Matter Name	Agreement No.	Effective Date	Contract Maximum
	SAMWD v. MWD (PERB Case No. LA-CE-1745-M)	220527	11/24	\$35,000
	AFSCME v. MWD (PERB Case No. LA-CE-1746-M)	222528	11/24	\$35,000
Melanie Ross Law P.C.	Tiegs v. MWD	222535	01/25	\$25,000
Ryan & Associates	Leasing Issues	43714	06/01	\$200,000
	Oswalt v. MWD	211925	05/23	\$100,000
	Unlawful Encroachment on Metropolitan Rights-of-Way	216065	06/24	\$100,000
Seyfarth Shaw LLP	Claim (Contract #201897)	201897	11/04/21	\$350,000
	Claim (Contract #203436)	203436	11/15/21	\$350,000
	Claim (Contract #203454)	203454	01/22	\$210,000
	Reese v. MWD	207952	11/22	\$900,000
	General Labor/Employment Advice	211917	3/23	\$250,000
	Civil Rights Department Complaint	211931	07/23	\$100,000
	Crawford v. MWD	216035	09/23	\$525,000
	Tiegs v. MWD	216043	12/23	\$525,000
	Zarate v. MWD	216044	01/24	<del>\$250,000</del> \$500,000
Shaw Law Group, PC	Administrative Investigation	222531	12/24	\$30,000
Sheppard Mullin Richter & Hampton LLP	Lorentzen v. MWD	216036	09/23	\$250,000
	Iverson v. MWD	222532	12/24	\$100,000
Stradling Yocca Carlson & Rauth*	Bond Counsel	200471	07/21	N/A
	Bond Counsel	220408	7/24	N/A



Firm Name	Matter Name	Agreement No.	Effective Date	Contract Maximum
Theodora Oringher PC	Construction Contracts - General Conditions Update	185896	07/20	\$100,000
Thompson Coburn LLP	NERC Energy Reliability Standards	193451	08/20	\$300,000
Van Ness Feldman, LLP	General Litigation	170704	07/18	\$50,000
	Colorado River MSHCP	180191	01/19	\$50,000
	Bay-Delta and State Water Project Environmental Compliance	193457	10/15/20	\$50,000
	Colorado River Issues	211924	05/23	\$250,000

\*Expenditures paid by Bond Proceeds/Finance

\*\*Expenditures paid by another group



## Office of the General Auditor

### • General Auditor's Report for March 2025

#### Summary

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This report highlights significant activities of the Office of the General Auditor for the month ended March 31, 2025.

#### Purpose

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Informational

#### Attachments

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Three audit reports were issued during this period:

1. Operational Audit: Employee Tuition Reimbursement Program
2. Contract Audit: Sensis, Inc., Agreement No. 185391
3. Cybersecurity Audit: Inventory & Control of IT Assets

#### Detailed Report

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##### Audit & Advisory Projects

Twenty-six projects are in progress:

- Seven audit projects are in the report preparation phase.
  - One management response is outstanding:
    - Operational Audit: Fallowed Land; management response was due 3/27/2025
- Nineteen projects are in the execution phase, including nine audits and ten advisories.
  - One new advisory project was added this month per management's request:
    - Process Matters Efficiency Initiative

Work priority is being given to the seven (down two from last month) carryforward audits.

##### Audit Report Details

1. **Operational Audit: Employee Tuition Reimbursement Program** issued March 24, 2025.
  - Audit scope included the review of the Employee Tuition Reimbursement Program for the period January 1, 2018 through October 31, 2021.
  - Ten recommendations with the following ratings: nine **Priority 2**; one **Priority 3**.

Date of Report: April 8, 2025

## Board Report (General Auditor's Report for March 2025)

2. **Contract Audit: Sensis, Inc. Agreement No. 185391** issued March 24, 2025.
  - Audit scope included evaluating selected accounting and administrative controls over the agreement with Sensis, Inc. for the mwdh2o.com redesign project from July 1, 2018 to February 28, 2022.
  - Five recommendations with the following ratings: four **Priority 1**; one **Priority 3**.
3. **Cybersecurity Audit: Inventory & Control of IT Assets** issued March 26, 2025.
  - Audit scope included Information Technology Group (ITG) inventory records and all IT assets under the control of the ITG with the potential to store or process data, including end-user devices (e.g., laptops, desktop computers), network devices (e.g., firewalls, switches), non-computer/IoT devices, and servers connected to Metropolitan's network as of March 31, 2024.
  - Two recommendations with the following ratings: one **Priority 2**; one **Priority 3**.

### **Follow-Up Reviews**

Thirteen audits are in the follow-up phase:

- Seven follow-up reviews are in progress.
- Two follow-up reviews are in planning.
- Four follow-up review forms have been received; however, validation of management action is pending.

No follow-up audit forms are overdue; one form previously reported as overdue was received.

### **Other General Auditor Activities**

#### **1. Global Internal Audit Standards**

Evaluation and adoption of the updated standards issued by the Institute of Internal Auditors, effective January 9, 2025, is in progress. Board roles and responsibilities, per the Standards, will be presented as an information item at the September meeting of the Audit Committee.

#### **2. Internal Quality Assessment**

**Completed.** Results of the annual Internal Quality Assessment were presented at the March meeting of the Audit Committee.

#### **3. Annual Risk Assessment**

The General Auditor's risk assessment methodology is being refreshed and will be presented at the April meeting of the Audit Committee. Board input on risk areas and internal control concerns will be solicited.

#### **4. Annual Audit Plan**

Planning is underway for next fiscal year's audit plan, which includes meetings with Metropolitan senior management. The FY 2025/26 audit plan will be presented to Board for approval at the June meetings of the Audit Committee and Board of Directors.

#### **5. Department Head Collaboration**

The General Auditor is participating with the General Manager, General Counsel, and Ethics Officer in facilitated workshops.

#### **6. Senior Audit Manager Recruitment**

An initial strategy meeting was held with a professional recruiting firm, and a tentative recruiting calendar was set.

#### **7. External Resources RFQ**

Collaboration with Contracting Services to draft and issue an RFQ for specialty internal audit services is ongoing.



## Board Report (General Auditor's Report for March 2025)

### 8. On-Demand Advisory Services

Completed one advice request involving a contract extension.

### 9. Training

Audit staff attended The Art of the Audit Interview, TeamMate+ Reporting API Basics, and the IIA Western District Conference.



*Metropolitan Audit Department Staff with Anthony Pugliese, President & CEO – Institute of Internal Auditors at the IIA Western District Conference in Anaheim, CA*



*Anthony Pugliese, President & CEO – Institute of Internal Auditors, presenting at the IIA Western District Conference on what internal audit will look like in 2035 and what internal audit departments need to do to get there.*



Office of the General Auditor \_

# Contract Audit: Sensis, Inc., Agreement No. 185391

Project Number: 22-3020  
March 24, 2025

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# Executive Summary

## BACKGROUND

One of Metropolitan's most effective ways to communicate with the public and provide access to information is via Metropolitan's enterprise website, mwdh2o.com. The website allows Metropolitan to strategically communicate water issues in its service area with member agencies, local officials, media, educators, and the public on a broad number of topics, including water policy and operational issues, Board meetings, events, programs, and projects. As the public face of the organization and with an ever-growing number of users, the site must effectively deliver information on a wide range of staff and Board activities, projects, programs, and initiatives that support Metropolitan's mission.

On April 9, 2019, the Metropolitan Board authorized a professional services agreement with Sensis, Inc., not to exceed \$1,500,000, to design, develop, and deploy the new mwdh2o.com website, create a multi-site content management system (CMS), and redesign bewaterwise.com. The prior Metropolitan website required replacement to enhance the mobile experience, integrate with social media, optimize search results, improve navigation and technology, and communicate key strategic goals. The agreement was effective from May 28, 2019 through February 28, 2023. As of September 25, 2024, Metropolitan has paid \$965,903 to Sensis, Inc. for the project and three other purchase orders (for hosting/support).

## WHAT WE DID

Our audit scope included evaluating selected accounting and administrative controls over the agreement with Sensis, Inc. (No. 185391) for the mwdh2o.com redesign project from July 1, 2018 to February 28, 2022.

Our audit objectives were to:

- (1) Determine if invoices were certified, payments were accurate and valid, and project charges were properly accounted for.
- (2) Determine if the most qualified bidder was recommended for selection and if the project was properly approved.
- (3) Determine if agreement monitoring for insurance and project progress was performed.

## WHAT WE CONCLUDED

- (1) Invoice payments were accurate and valid and project charges were properly accounted for; however, invoice certification was not performed by the vendor as required.
- (2) The most qualified bidder was recommended for selection; however, there are opportunities to improve transparency in Board Letter reporting, and the contracted scope of services should better align with the request for proposal (RFP).
- (3) Agreement monitoring for insurance and project progress was performed.

## WHAT WE RECOMMEND

We recommend Metropolitan: (1) review significant variances between the RFP and contracted scope of services; (2) provide training to project managers; (3) update policies and procedures; (4) include additional key information in Board Letters; and (5) ensure contractor invoices comply with agreement terms and conditions.

Management agreed with our observations and recommendations.

## NUMBER OF RECOMMENDATIONS



**PRIORITY 1**  
Response time:  
Immediate



**PRIORITY 2**  
Response time:  
Within 90 days



**PRIORITY 3**  
Response time:  
Within 180 days



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

**Date:** March 24, 2025  
**To:** Audit Committee  
**From:** Scott Suzuki, CPA, CIA, CISA, CFE, General Auditor  
**Subject:** Contract Audit: Sensis, Inc., Agreement No. 185391  
(Project Number 22-3020)

This report presents the results of our contract audit of Sensis, Inc., Agreement No. 185391.

Results, including our observations and recommendations, follow this letter. Supplemental information, including our scope and objectives, is included in Appendix A. Appendix B includes a description of our new recommendation priority rating system. Finally, management's response to our audit is now included in Appendix C.

We appreciate the cooperation and courtesies provided by the External Affairs Group, Information Technology Group, and Finance & Administration Group.

The results in this report will be summarized for inclusion in a status report to the Board. If you have any questions regarding our audit, please do not hesitate to contact me directly at 213.217.6528 or Assistant General Auditor Kathryn Andrus at 213.217.7213.

#### Attachments

cc: Board of Directors  
General Manager  
General Counsel  
Ethics Officer  
Office of the General Manager Distribution  
Assistant General Managers  
External Affairs Distribution  
Finance & Administration Distribution  
Information Technology Distribution  
External Auditor



# RESULTS

## RECOGNITION

Positive aspects observed during our audit include:

- 💧 Insurance certificates for the consultant were kept current and in Oracle.
- 💧 Invoices were accurate and applied to the correct accounts.

## RESULTS OVERVIEW

	OBSERVATION	RISK	RECOMMENDATION	MANAGEMENT AGREEMENT
PRIORITY 1				
1	The scope of services awarded to the contractor differed significantly from the RFP and evaluation committee recommendation.	Vendor bid protest	Review the appropriateness of variances between the RFP and the contracted scope of services.	Agree
			Provide training to project managers.	Agree
			Update policies and procedures.	Agree
2	Key information was not presented in the Board Letter.	Lack of transparency on how Metropolitan funds will be spent  Impede the Board's ability to evaluate proposals	Include RFP evaluation committee recommendation details.  Break down the agreement amount by service and options.  Disclose costs of operation covered by other procurement means.	Agree
PRIORITY 2				
	None			
PRIORITY 3				
3	Contractor invoices did not comply with the agreement's terms and conditions.	Financial loss	Contractor invoice format should comply with agreement terms and conditions.	Agree





## OBSERVATIONS & RECOMMENDATIONS

### 1 Scope of Services

*The scope of services awarded to the contractor differed significantly from the RFP and evaluation committee recommendation.*

Section 2 of the request for proposal (RFP) for Metropolitan Website Redesign (RFP-PL-1186) stated that Metropolitan was seeking proposals for:

- (1) redesign/replacement of mwdh2o.com;
- (2) an updated and user-friendly content management system (CMS) for mwdh2o.com;
- (3) content migration of mwdh2o.com to the new platform;
- (4) search engine optimization of mwdh2o.com; and
- (5) knowledge transfer for information technology staff and content owners.

The RFP also mentioned that Metropolitan would like a cloud-hosted site option.

On December 18, 2018, the RFP evaluation committee recommended an agreement for website redesign services not to exceed \$750,000, with a follow-on agreement for annual hosting and website support not to exceed \$250,000, totaling a recommended \$1 million, be awarded to Sensis, Inc.

However, Board approval was sought for an agreement valued at \$1.5 million, or **50% higher** than the RFP's recommendation, and included a redesign of an additional website not mentioned in the RFP and the creation of a multi-site CMS. Additionally, the recommended hosting and support were not included in the contract and were ultimately covered by separate purchase orders.

The original proposal for the website development was \$604,191. This was revised to \$509,347 and additional **options** were added to increase the agreement amount to \$1.5 million; see Observation No. 2 below for a breakdown.

#### Priority 1

*Significant variances between the RFP and the final agreement could result in a vendor bid protest.*

#### Recommendation 1

We recommend management review variances between the RFP and contracted scope of services for appropriateness.

#### Management Response Agree.

Current practice now requires the contract analyst to advise Agreement Administrators/Project Managers (AAs) during contract development/negotiations that the services awarded must be from/within the scope of work of the RFP. The analyst may participate or be an observer in the scope negotiations to reinforce this requirement. Contracting workflow requires that the draft agreement from the contract analyst be reviewed by a principal analyst for scope issues. Legal also participates in



the review of the contract. Contracting team manager further reviews as part of the final routing prior to contract execution.

Management's action plan was implemented in November 2021.

### **Recommendation 2**

We recommend management provide training to project managers to ensure the contracted scope of services is reasonably derived from the RFP.

### **Management Response**

**Agree.**

Current practice requires each agreement administrator/project manager to enroll in training to be certified as an agreement administrator. Recertification is required every 3 years. The recertification process has been updated to include specific training to ensure the contracted scope of services is reasonably derived from the solicitation.

Management's action plan was implemented in January 2025.

### **Recommendation 3**

We recommend management update policies and procedures to require reviews and training related to RFP and contract scope of services variances.

### **Management Response**

**Agree.**

The Contracting Procedures Manual has been updated (Chapter 17, section C)

Management's action plan was implemented in November 2021.

## **2 Board Letter**

*Key information was not presented in the Board Letter.*

At the April 9, 2019 Board meeting, the subject for Item 7-2 was "Authorize a professional services agreement with Sensis, Inc. not to exceed \$1,500,000 to design, develop, and deploy the new mwdh2o.com website."

The Board Letter and presentation for Item 7-2 did not include:

- **Addition of bewaterwise.com to the scope of work.** The agreement included an option for redesign services of an additional website, bewaterwise.com for \$324,000.



- **RFP evaluation committee recommendation details.** In its December 18, 2018 memo, the evaluation committee recommended that Sensis, Inc. be awarded an agreement not to exceed \$750,000 to provide Metropolitan Website Redesign Services and a follow-on agreement not to exceed \$250,000 annually to provide hosting and support of the website.
- **Breakdown of the \$1.5 million to design, develop, and deploy the new mwdh2o.com website.** Exhibit C of the agreement shows primary services to include redesigning mwdh2o.com, migrating all external facing websites to a hosting platform, Amazon Web Services, and building a bulk loader for .pdf files for \$509,347. Additionally, there were two options including \$580,276 for a CMS (\$399,276 to create a multi-site CMS, \$126,000 to migrate seven websites into the CMS, \$55,000 to migrate bewaterwise.com into the CMS), \$324,000 to redesign bewaterwise.com, and \$86,377 (not-to-exceed hourly billing) for additional related services.
- **Discussion of costs to support/host the website (part of the RFP).** Three purchase orders were issued to Sensis, Inc. to cover hosting/support separately from the agreement reviewed in this audit in the following amounts: \$216,000, \$246,000, and \$24,000.

#### Priority 1

*Not disclosing RFP evaluation committee results, breaking down the scope of service cost components, or discussing RFP components not included in the award could result in a lack of transparency on how Metropolitan funds will be expended and impede the Board's ability to make informed decisions during agreement award proceedings.*

#### Recommendation 4

We recommend management with respect to future Board Letters:

- (1) Include RFP evaluation committee recommendation details, especially if it differs significantly from the agreement to be awarded.
- (2) Break down the agreement amount by services and options.
- (3) Disclose additional costs of operation covered by other procurement means, especially for RFP scope of work items not awarded.

#### Management Response

**Agree.**

Implement the recommended actions under this Priority for all future Board Letters. IT PMO staff will be trained regarding these recommendations.

The estimated implementation date is April 2025.



### 3 Agreement Terms & Conditions

*Contractor invoices did not comply with the agreement's terms and conditions.*

All seven contractor invoices reviewed were not certified as true and correct by the contractor, as required by the agreement terms and conditions.

#### Priority 3

*Failure to comply with the terms and conditions of the agreement could result in a financial loss to Metropolitan due to fraudulent, erroneous, or unauthorized invoicing.*

#### Recommendation 5

We recommend management ensure invoices comply with the terms and conditions of the agreement and are certified as correct and accurate.

#### Management Response Agree.

IT PMO staff will be trained to ensure invoices are certified by the contractor as correct and accurate.

The estimated implementation date is April 2025.

### EVALUATION OF MANAGEMENT'S RESPONSE

Internal Audit considers management's responses are appropriate to the recommendations, and their corrective actions should resolve the conditions identified in the report.

### AUDIT TEAM

Chris Gutierrez, CPA, CIA, Audit Program Manager



## APPENDIX A: SUPPLEMENTAL INFORMATION

### SCOPE & OBJECTIVES

Our audit scope included evaluating selected accounting and administrative controls over the agreement with Sensis, Inc. (No. 185391) for the mwdh2o.com redesign project from July 1, 2018 to February 28, 2022.

Our audit objectives were to:

- (1) Determine if invoices were certified, payments were accurate and valid, and project charges were properly accounted for.
- (2) Determine if the most qualified bidder was recommended for selection and if the project was properly approved.
- (3) Determine if agreement monitoring for insurance and project progress was performed.

### EXCLUSIONS

Our audit scope did not include internal costs incurred in the administration of the agreement nor review of purchase orders issued to Sensis, Inc. for work separate from this audit.

### PRIOR AUDIT COVERAGE

We have not completed any audit reports with a similar scope within the last five years.

### AUTHORITY

We performed this audit in accordance with the FY 2021/22 Audit Plan presented to the former Audit & Ethics Committee and our FY 2023/24 Audit Plan approved by the Board.



## PROFESSIONAL INTERNAL AUDIT STANDARDS

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Our audit was conducted in conformance with the International Standards for the Professional Practice of Internal Auditing issued by the International Internal Audit Standards Board.

## FOLLOW-UP REVIEWS

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The Office of the General Auditor has implemented a new follow-up process to ensure management has effectively implemented corrective action related to our recommendations. Management is required to report recommendation implementation status to our office within six months following the issuance of this report and a first follow-up review will occur shortly thereafter. All audit recommendations are expected to be implemented within a year of this report and if necessary, a second follow-up review will occur approximately six months after issuance of the first follow-up review report. Any audit recommendations not implemented after the second follow-up review will be shared with the Board/Audit Committee at its next scheduled meeting.

## INTERNAL CONTROL SYSTEM

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An internal control system is a continuously operating and integrated component of Metropolitan's operations. Internal controls are implemented by the Metropolitan team and seek to provide reasonable (not absolute) assurance that the District's business objectives will be achieved. However, limitations are inherent in any internal control system no matter how well designed, implemented, or operated. Because of these limitations, errors or irregularities may occur and may not be detected. Specific examples of limitations include but are not limited to, poor judgment, carelessness, management override, or collusion. Accordingly, our audit would not necessarily identify all internal control weaknesses or resultant conditions affecting operations, reporting, or compliance. Additionally, our audit covers a point in time and may not be representative of a future period due to changes within Metropolitan and/or external changes impacting the District.

## METROPOLITAN'S RESPONSIBILITY FOR INTERNAL CONTROL

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It is important to note that Metropolitan management is responsible for designing, implementing, and operating a system of internal control. The objectives of internal controls are to provide reasonable assurance as to the reliability and integrity of information; compliance with policies, plans, procedures, laws, and regulations; the safeguarding of assets; the economic and efficient use of resources; and the accomplishment of established goals and objectives. In fulfilling this responsibility, management judgment is required to assess the expected benefits and related costs of internal control policy and procedures and to assess whether those policies and procedures can be expected to achieve Metropolitan's operational, reporting, and compliance objectives.





## APPENDIX B: PRIORITY RATING DEFINITIONS

The Office of the General Auditor utilizes a priority rating system to provide management with a measure of urgency in addressing the identified conditions and associated risks. We assess the significance of each observation identified during the audit using professional judgment and assign priority ratings to each recommendation using the criteria listed below. Factors taken into consideration in assessing the priority include the likelihood of a negative impact if not addressed, the significance of the potential impact, and how quickly a negative impact could occur.

PRIORITY			
<b>Definition</b>	Observation is <i>serious</i> enough to warrant <i>immediate</i> corrective action. The condition may represent a <i>serious</i> financial, operational, or compliance risk. A priority 1 recommendation may result from a <i>key</i> control(s) being absent, not adequately designed, or not operating effectively.	Observation is of a <i>significant</i> nature and warrants <i>prompt</i> corrective action. It may represent a moderate financial, operational, or compliance risk. A priority 2 recommendation may result from a <i>process</i> or less critical control(s) not being adequate in design and/or not operating effectively on a consistent basis.	Observation involves an internal control issue or compliance lapse that can be corrected in the <i>timely</i> course of <i>normal</i> business. A priority 3 recommendation may result from a <i>process</i> or control that <i>requires</i> enhancement to better support Metropolitan's objectives and manage risk.
<b>Response Time</b>	Immediate	Within 90 Days of report issuance	Within 180 Days of report issuance



## APPENDIX C: MANAGEMENT'S RESPONSE



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

**Date:** March 18, 2025

**To:** Scott Suzuki, General Auditor

**From:** Charles Eckstrom, IT Group Manager

**cc:** Deven Upadhyay, General Manager  
Mohsen Mortada, Chief of Staff  
Shane Chapman, Assistant General Manager  
Dee Zinke, Assistant General Manager  
Katano Kasaine, Assistant General Manager  
Sue Sims, External Affairs Group Manager  
Adam Benson, Finance Group Manager

**Subject:** Management Response to Audit Number 22-3020

**The General Manager has reviewed and concurs with the following response.**

A handwritten signature in black ink, appearing to read "Charles Eckstrom".

Please find attached the management response to the Contract Audit: Sensis, Inc., Agreement No. 185391. Thank you for your recommendations to improve our systems and controls and to increase our capacity and effectiveness. Your partnership will continue to be important as we implement the recommendations. Please do not hesitate to contact me if you would like to discuss the response or any other matters related to this audit.



**Contract Audit: Sensis, Inc., Agreement No. 185391****Project Number 22-3020****Management Response****OBSERVATION 1****Scope of Services**

Section 2 of the request for proposal (RFP) for Metropolitan Website Redesign (RFP-PL-1186) stated that Metropolitan was seeking proposals for:

- (1) redesign/replacement of mwdh2o.com;
- (2) an updated and user-friendly content management system (CMS) for mwdh2o.com;
- (3) content migration of mwdh2o to the new platform;
- (4) search engine optimization of mwdh2o.com; and
- (5) knowledge transfer for information technology staff and content owners.

The RFP also mentioned that Metropolitan would like a cloud-hosted site option.

On December 18, 2018, the RFP evaluation committee recommended an agreement for website redesign services not to exceed \$750,000, with a follow-on agreement for annual hosting and website support not to exceed \$250,000, totaling a recommended \$1 million, be awarded to Sensis, Inc.

However, Board approval was sought for an agreement valued at \$1.5 million, or 50% higher than the RFP's recommendation, and included a redesign of an additional website not mentioned in the RFP and the creation of a multi-site CMS. Additionally, the recommended hosting and support was not included in the contract and was ultimately covered by separate purchase orders.

The original proposal for the website development was \$604,191. This was revised to \$509,347 and additional options were added to increase the agreement amount to \$1.5 million; see Observation No. 2 below for a breakdown.

**RECOMMENDATIONS 1-3****PRIORITY 1****Recommendation 1**

We recommend management review variances between the RFP and contracted scope of services for appropriateness.

**MANAGEMENT ACTION PLAN**

x

**AGREE**

Current practice now requires the contract analyst to advise Agreement Administrators/Project Managers (AAs) during contract development/negotiations that the services awarded must be from/within the scope of work of the RFP. The analyst may participate or be an observer in the scope negotiations to reenforce this

FORM

MANAGEMENT RESPONSE FORM

PAGE

**1 OF 4**

NOVEMBER 2023 (Rv. N/A)



		requirement. Contracting workflow requires that the draft agreement from the contract analyst be reviewed by a principal analyst for scope issues. Legal also participates in the review of the contract. Contracting team manager further reviews as part of the final routing prior to contract execution.
	<b>ESTIMATED IMPLEMENTATION</b>	November 2021 (already implemented with Contracting Procedures Manual revision November 2021)
<input type="checkbox"/>	PARTIALLY AGREE	EXPLANATION
<input type="checkbox"/>	DO NOT AGREE	

RECOMMENDATIONS 1-3		Recommendation 2
PRIORITY 1		We recommend management provide training to project managers to ensure the contracted scope of services is reasonably derived from the RFP.
x	<b>AGREE</b>	Current practice requires each agreement administrator/project manager to enroll in training to be certified as an agreement administrator. Recertification is required every 3 years. The recertification process has been updated to include specific training to ensure the contracted scope of services is reasonably derived from the solicitation.
	<b>ESTIMATED IMPLEMENTATION</b>	January 2025 (already implemented, recertification module updated and in place in MyLearning)
<input type="checkbox"/>	PARTIALLY AGREE	EXPLANATION
<input type="checkbox"/>	DO NOT AGREE	

RECOMMENDATIONS 1-3		Recommendation 3
PRIORITY 1		We recommend management update policies and procedures to require reviews and training related to RFP and contract scope of services variances.
x	<b>AGREE</b>	The Contracting Procedures Manual has been updated (Chapter 17, section C)
	<b>ESTIMATED IMPLEMENTATION</b>	November 2021 (already implemented with Contracting Procedures Manual revision November 2021)
<input type="checkbox"/>	PARTIALLY AGREE	EXPLANATION
<input type="checkbox"/>	DO NOT AGREE	

OBSERVATION 2	Board Letter
	At the April 9, 2019 Board meeting, the subject for Item 7-2 was "Authorize a professional services agreement with Sensis, Inc. not to exceed \$1,500,000 to design, develop, and deploy the new mwdh2o.com website."





		<p>The Board Letter and presentation for Item 7-2 did not include:</p> <ul style="list-style-type: none"> <li>• <b>Addition of bewaterwise.com to the scope of work.</b> The agreement included an option for redesign services of an additional website, bewaterwise.com for \$324,000.</li> <li>• <b>RFP evaluation committee recommendation details.</b> In its December 18, 2018 memo, the evaluation committee recommended that Sensis, Inc. be awarded an agreement not to exceed \$750,000 to provide Metropolitan Website Redesign Services and a follow-on agreement not to exceed \$250,000 annually to provide hosting and support of the website.</li> <li>• <b>Breakdown of the \$1.5M to design, develop, and deploy the new mwdh2o.com website.</b> Exhibit C of the agreement shows primary services to include redesigning mwdh2o.com, migrating all external facing websites to a hosting platform, Amazon Web Services, and building a bulk loader for .pdf files for \$509,347. Additionally, there were two options including \$580,276 for a CMS (\$399,276 to create a multi-site CMS, \$126,000 to migrate seven websites into the CMS, \$55,000 to migrate bewaterwise.com into the CMS), \$324,000 to redesign bewaterwise.com, and \$86,377 (not-to-exceed hourly billing) for additional related services.</li> <li>• <b>Discussion of costs to support/host the website (part of the RFP).</b> Three purchase orders were issued to Sensis, Inc. to cover hosting/support separately from the agreement reviewed in this audit in the following amounts: \$216,000, \$246,000, and \$24,000.</li> </ul>	
<p><b>RECOMMENDATION 4</b> <b>PRIORITY 1</b></p>		<p>We recommend management with respect to future Board Letters:</p> <ol style="list-style-type: none"> <li>(1) Include RFP evaluation committee recommendation details, especially if it differs significantly from the agreement to be awarded.</li> <li>(2) Break down the agreement amount by services and options.</li> <li>(3) Disclose additional costs of operation covered by other procurement means, especially for RFP scope of work items not awarded.</li> </ol>	
x	<b>AGREE</b>	<b>MANAGEMENT ACTION PLAN</b>	Implement the recommended actions under this Priority for all future Board Letters. IT PMO staff will be trained regarding these recommendations.
		<b>ESTIMATED IMPLEMENTATION</b>	April 2025
	<b>PARTIALLY AGREE</b>	<b>EXPLANATION</b>	
	<b>DO NOT AGREE</b>		
FORM		MANAGEMENT RESPONSE FORM	
		PAGE	3 OF 4 NOVEMBER 2023 (Rv. N/A)



<b>OBSERVATION 3</b>			<b>Agreement Terms &amp; Conditions</b>
			All seven contractor invoices reviewed were not certified as true and correct by the contractor, as required by the agreement terms and conditions.
<b>RECOMMENDATION 5</b>			We recommend management ensure invoices comply with the terms and conditions of the agreement and are certified as correct and accurate.
<b>PRIORITY 3</b>			
x	<b>AGREE</b>	<b>MANAGEMENT ACTION PLAN</b>	IT PMO staff will be trained to ensure invoices are certified by the contractor as correct and accurate.
		<b>ESTIMATED IMPLEMENTATION</b>	April 2025
	<b>PARTIALLY AGREE</b>	<b>EXPLANATION</b>	
	<b>DO NOT AGREE</b>		







Office of the General Auditor

# Operational Audit: Employee Tuition Reimbursement Program

Project Number: 22-4060  
March 24, 2025



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# Executive Summary

## BACKGROUND

Metropolitan has established a Tuition Reimbursement Program (Program) aimed at facilitating educational opportunities at accredited educational institutions that benefit both the organization and its employees. The Program covers tuition expenses, course-specific registration fees, costs associated with textbooks, and essential course materials. Eligible individuals can receive financial support up to a maximum of \$9,000 per calendar year for undergraduate courses and up to \$11,000 per calendar year for graduate programs. There is a prescribed limit of 12 units per quarter or semester for course enrollment.

The Human Resources Group directs and administers the Program, which encompasses evaluating the accreditation status of academic and professional institutions, making definitive decisions regarding the approval or denial of reimbursement requests, and facilitating the submission of approved applications along with their requisite supporting documentation to the Controller Section for payment processing.

The Program is open to regular full-time and part-time employees who have completed a minimum of six months of service and meet specific requisites, such as selecting courses relevant to their current job responsibilities. For fiscal years 2017/18 through 2020/21, the Program had an average of 107 participants per fiscal year, with an average program cost of \$545,186 per fiscal year, or \$5,095 per participant.

## WHAT WE DID

Our audit scope included the review of the Employee Tuition Reimbursement Program (Program) for the period January 1, 2018 through October 31, 2021.

Our audit objectives were to:

- (1) Evaluate compliance with established policies, procedures, and guidelines.
- (2) Evaluate the employee tuition reimbursement process for operational efficiency opportunities.

## WHAT WE CONCLUDED

- (1) Compliance with established policies and procedures should be improved.
- (2) Operational efficiencies should be implemented in the employee tuition reimbursement process.

## WHAT WE RECOMMEND

We recommend management: (1) formalize the review process for tuition requests and reimbursements; (2) form a working group or, at a minimum, ensure the review and approval process for all submissions is applied consistently and occurs at an appropriate management level; (3) establish a monitoring process to identify trends requiring further focus; (4) implement EForm approvals that incorporate proper duties segregation and align with policy; (5) implement distinct EForms for the initial application and for the reimbursement; (6) retain sequentially numbered EForms in the EForm database; (7) perform EForm testing in a test environment; (8) establish criteria for evaluating trade/correspondence schools; (9) post the approved trade and correspondence schools list; (10) update tuition reimbursement policies and procedures.

Management agreed with our observations and recommendations.

## NUMBER OF RECOMMENDATIONS



**PRIORITY 1**  
Response time:  
Immediate



**PRIORITY 2**  
Response time:  
Within 90 days



**PRIORITY 3**  
Response time:  
Within 180 days



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

**Date:** March 24, 2025  
**To:** Audit Committee  
**From:** Scott Suzuki, CPA, CIA, CISA, CFE, General Auditor  
**Subject:** Operational Audit: Employee Tuition Reimbursement Program  
(Project Number 22-4060)

This report presents the results of our audit of the Employee Tuition Reimbursement Program.

Results, including our observations and recommendations, follow this letter. Supplemental information, including our scope and objectives, is included in Appendix A. Appendix B includes a description of our new recommendation priority rating system. Finally, management's response to our audit is now included in Appendix C.

We appreciate the cooperation and courtesies provided by the Human Resources Group.

The results in this report will be summarized for inclusion in a status report to the Board. If you have any questions regarding our audit, please do not hesitate to contact me directly at 213.217.6528 or Assistant General Auditor Kathryn Andrus at 213.217.7213.

#### Attachments

cc: Board of Directors  
General Manager  
General Counsel  
Ethics Officer  
Office of the General Manager Distribution  
Assistant General Managers  
Human Resources Group Distribution  
External Auditor

# RESULTS

## RECOGNITION

Positive aspects observed during our audit include:

- The Employee Tuition Reimbursement Program remained within budget for fiscal years 2018/19, 2019/20, and 2020/21.

## RESULTS OVERVIEW

	OBSERVATION	RISK	RECOMMENDATION	MANAGEMENT AGREEMENT
PRIORITY 1				
	None			
PRIORITY 2				
1	Review of application requirements was not sufficient.	Enrollment granted for non-qualifying individuals and/or non-qualifying classes/programs Disparity in the application of program rules	Formalize the review process for tuition requests and reimbursements.  Form a working group or, at a minimum, ensure the review and approval process is applied consistently and occurs at an appropriate management level.	Agree  Agree
2	Adherence to reimbursement requirements did not occur consistently.	Invalid/unauthorized claims paid	Establish a monitoring process to identify trends requiring further focus.	Agree
3	Tuition Reimbursement Policy was not applied consistently.	Financial loss Claims of bias		
4	Improvements should be made to the EForm design, and retention, approval, and testing controls.	Unauthorized approvals Applicant confusion Increased administrative errors	Implement EForm approvals that incorporate proper duties segregation and align with policy.  Implement distinct EForms for the initial application and for the reimbursement.  Retain sequentially numbered EForms in the EForm database.  Perform EForm testing in a test environment.	Agree  Agree  Agree



	OBSERVATION	RISK	RECOMMENDATION	MANAGEMENT AGREEMENT
5	A process for the evaluation and communication of approved trade and correspondence schools does not exist.	Applicants may enroll in non-qualifying courses	Establish criteria for evaluating trade/ correspondence schools.	Agree
			Post the approved trade and correspondence schools list.	Agree
PRIORITY 3				
6	Employee Tuition Reimbursement Program policy and procedures were not current.	Inconsistent or incorrect treatment of application/ reimbursement requests	Update tuition reimbursement policies and procedures.	Agree





## OBSERVATIONS & RECOMMENDATIONS

### 1 Application Requirements

*The review of application requirements was not sufficient.*

The Employee Tuition Reimbursement Program (Program) is available to all regular full-time and part-time employees who have completed a minimum of six months of service. Temporary and contracted staff and employees with less than six months of service are not eligible to participate in the Program. The courses must relate to the employee's current job or to Metropolitan work the employee can reasonably be expected to perform in the future. Courses are to be taken on the employee's own time. (See Appendix A for the specifics on the Program requirements/guidelines regarding the application process.)

We statistically selected 56 tuition reimbursement application requests for testing.

#### Form Completion

- 32 of 56 (57%) had incomplete information wherein the taking of the course outside of working hours could not be substantiated.
- 30 of 56 (54%) of the EForms were incomplete, missing items such as school name, course title, or program name.
- 26 of 56 (46%) requests for first-time degree or certificate programs were missing a copy of the program plan.

As such, the applicability of the degree or program to Metropolitan-related work could not be ascertained.

#### Approvals

- 30 of 56 (54%) did not contain the appropriate management approvals per policy; thus, authorization by department management could not be ascertained.
- 20 of 56 (36%) did not contain the Human Resources (HR) Group Manager or designee signature; thus, an acknowledgment that the employee qualified under the program requirements could not be substantiated.
- In one instance, three employees from different departments applied for the same course. One of the submissions incorrectly indicated the class was a "one-time course," requiring no group manager approval, resulting in insufficient approval being obtained.

#### Submission

- 10 of 56 (18%) were submitted late, ranging from 1 to 89 days after the course start date, which could result in the enrollment in the course or class not being reimbursable.



- 3 of 56 (5%) did not include the course start date, preventing the assessment of timely submission.

#### Course Applicability

- 1 of 56 (2%) requested a course not applicable to Metropolitan-related work (home inspection). The request has been neither approved nor denied and remains open in the system.

### Priority 2

*Inadequate tuition reimbursement application oversight controls can result in enrollment being granted for non-qualifying individuals or non-qualifying classes/programs and create disparity in the application of rules among participants.*

#### **Recommendation 1**

We recommend Human Resources management formalize the review process for:

- (1) Applications and reimbursements, including remediation of non-compliant submissions.
- (2) Non-conforming reimbursement recovery requests.
- (3) Documenting exceptions made to the published policy, including appropriate approvals.

#### **Management Response Agree.**

- (1) This is addressed in the operating policy update (Tuition Reimbursement J-01), which is under final review with the Technical Writing Team and due to be distributed via email memo, published on the MWD intranet, as well as hyperlinked to the updated Tuition Reimbursement e-form.
- (2) This is addressed in the updated policy (Tuition Reimbursement J-01).
- (3) Approvals are to be made by Training Administrator or Specialist. Any exceptions will be documented and based on a decision made by the HR Group Manager.

The estimated implementation date is May 2025.

#### **Recommendation 2**

We recommend Human Resources management form a working group to review application, reimbursement, and non-conforming reimbursement recovery requests, or at a minimum, ensure the review and approval process is applied consistently and occurs at an appropriate management level.

#### **Management Response Agree.**

The review and approval process are now supported with an updated submission process (eForm) that collects the information required to evaluate the request. Along with the updated operating policy, this allows HR staff to accurately and consistently process requests. Any exceptions will be documented and based on a decision made by the HR Group



Manager. These changes have been implemented and will continue to improve once the latest version of the eForm and operating policy are finalized.

The estimated implementation date for the EForm and operating policy is May 2025.

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### **Recommendation 3**

We recommend Human Resources management establish a monitoring process to identify trends requiring further focus.

### **Management Response**

**Agree.**

This is addressed in the policy update (Tuition Reimbursement J-01) and outlines the new internal audit process that will ensure employees do not exceed annual limits.

The estimated implementation date is May 2025.

## **2 Reimbursement Requirements**

*Adherence to reimbursement requirements did not occur consistently.*

Per the Tuition Reimbursement Policy (J-01), when requesting reimbursement for tuition, an employee must prepare and submit the Reimbursement EForm, provide transcripts showing a grade of "C" or better, and provide original receipts to Human Resources within 30 days after completion of the course.

We statistically selected 61 paid tuition reimbursements for testing.

- For 6 of 61 (10%) totaling \$15,656, transcripts for the courses could not be provided.
- For 5 of 61 (8%) totaling \$10,589, receipts for \$9,580 could not be provided.
- For 1 of 61 (2%) totaling \$4,257, the EForm requesting reimbursement could not be located.
- For 1 of 61 (2%) totaling \$2,440, neither the grade report nor the receipt contained the name of the university or organization; thus, the reimbursement could not be substantiated.

### **Priority 2**

*Inadequate oversight controls can result in invalid/ unauthorized claims being paid.*

See Recommendation Nos. 1 through 3 and associated Management Responses at Observation No. 1.



### 3 Reimbursement Recovery

*The Tuition Reimbursement Policy was not applied consistently.*

The Tuition Reimbursement Policy requires a minimum one-year work commitment after receiving tuition reimbursement.

We statistically selected 65 refund requests for testing.

- For 1 of 65 (2%), Human Resources permitted a pro-rated collection of the reimbursed amount based on the number of months an employee had worked subsequent to receiving the reimbursement.
- For 1 of 65 (2%), reimbursement of \$14,592 was not sought, although the employee left before meeting the one-year work commitment.

No approved exception to the policy was documented to file by the HR Group Manager.

#### Priority 2

*Inconsistent application of the Tuition Reimbursement Policy can result in financial loss and claims of bias.*

See Recommendation Nos. 1 through 3 and associated Management Responses at Observation No. 1.

### 4 EForm Improvements

*Improvements should be made to the EForm design, and retention, approval, and testing controls.*

When an employee seeks approval for enrollment in a class or course, the employee is to submit the request using the Tuition Reimbursement EForm. Upon clicking on the EForm, a sequentially numbered EForm is generated and saved, regardless of whether the EForm is submitted or abandoned. As a result, the database contains many incomplete, non-submitted forms creating tracking and reconciliation challenges.

Further, when an employee seeks reimbursement for tuition, the employee initiates the process by modifying the same EForm used to apply for the Tuition Reimbursement program. Within this EForm, the employee provides additional details, including the exact tuition and fee amounts, a description of the expenses, and the date the tuition and fees were paid. Moreover, the employee is to change the dropdown selection in the "Reason Section" from "Enroll in a new course" to "Request for reimbursement."

Per review of the 61 tuition reimbursements selected for testing:

- 58 of 61 (95%) did not have the appropriate field selected. Specifically, the "Reason Section" of the EForm showed "Enroll in a new course" rather than "Request for Reimbursement."



- EForm signature lines do not agree to the required signatures per the Tuition Reimbursement Operating Policy (Policy). The Policy states that a request for a new degree or certificate program is to be approved by the submitter's group manager and supervisor. In contrast, the EForm states signatures from a section manager and supervisor are needed.

We also noted that the EForm date is not updated when the employee modifies the request to submit the reimbursement, making it impossible to determine if the employee submitted the request within 30 days of course completion, as required by the Policy.

Moreover, the EForm approval process allows an individual to e-sign for all four required approvals (i.e., requestor, supervisor, group manager, and Human Resources).

One such EForm was noted in our sample. The creator of the EForm indicated it was a test; however, nowhere on the EForm did it indicate it was a test document. Further, the EForm was created in the production environment, not the test environment. We did not identify any reimbursements made for EForm requests where all signatures were by the same individual.

#### Priority 2

*Insufficient design of the EForm may lead to unauthorized approvals, applicant confusion, and increased administrative errors.*

#### Recommendation 4

We recommend Human Resources management, in coordination with Administrative Services, implement EForm approvals that:

- (1) Limit those with approval authority to authorized personnel at each approval level.
- (2) Align to the Tuition Reimbursement Operating Policy.

#### Management Response

##### Agree.

- (1) The EForm is being updated to streamline the approval process to require only one departmental approval by the Unit Manager (or one level up if Unit Manager is submitting) before submission to Training for final approval and initiation.
- (2) The form also now only generates and registers a number when the request is submitted. If it is a new request, certain fields are now pre-populated to improve accuracy. When submitting for reimbursement, the form is adjusted to show the boxes for all appropriate information (e.g. populates itemization fields).

The estimated implementation date for (1) is April 2025. Management's action plan for (2) has been implemented.



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**Recommendation 5**

We recommend Human Resources management, in coordination with Administrative Services, implement two distinct EForms or, at a minimum, two distinct EForm records, one for applying to the Tuition Reimbursement Program prior to course enrollment and one for requesting reimbursement after course completion.

**Management Response**

**Agree.**

HR partnered with the Administrative Services Eforms team to upgrade the form to be able to better serve both purposes (initial application and reimbursement).

Management's action plan was implemented.

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**Recommendation 6**

We recommend Human Resources management, in coordination with Administrative Services, only retain submitted EForms in the EForm database and ensure that only submitted EForms are assigned a sequential number.

**Management Response**

**Agree.**

This has been corrected within the existing system in early 2024.

Management's action plan was implemented.

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**Recommendation 7**

We recommend Human Resources management, in coordination with Administrative Services, perform EForm testing only in the test environment. If testing in production is necessary, clearly mark all created files as test documents.

**Management Response**

**Agree.**

All Eform changes occurred in the testing environment in early 2024 before being deployed in the production environment. This practice will continue.

Management's action plan was implemented.





## 5 Trade/ Correspondence Schools

*A process for the evaluation and communication of approved trade and correspondence schools does not exist.*

In accordance with the Tuition Reimbursement Policy, a college/university degree program must be affiliated with educational institutions officially recognized and accredited by the United States Department of Education. Additionally, courses may be pursued at academically accredited entities, including colleges, universities, university extensions, adult education schools, and approved trade or correspondence schools.

Per review of the 56 tuition reimbursement application requests selected for testing:

- 9 of 56 (16%) listed schools were not accredited, as per the United States Department of Education Database.

Furthermore, evaluation criteria used to assess a college/university degree or certificate program has not been established, nor could a list of approved trade schools eligible for tuition reimbursement be provided. Evaluation criteria would allow for consistency in assessment, and a list would serve as a valuable reference during the consideration process by employees and the authorization process.

### Priority 2

*Insufficient or conflicting trade/correspondence school information may result in applicants enrolling in non-qualifying courses.*

### Recommendation 8

We recommend Human Resources management establish specific criteria for evaluating and designating trade and/or correspondence schools approved for tuition reimbursement to ensure a standardized approach when assessing eligibility.

#### Management Response Agree.

This was updated in the policy (Tuition Reimbursement J-01) and the new Eform. As an additional control, the Eform will include the link to the approved institutions.

The estimated implementation date is April 2025.

### Recommendation 9

We recommend Human Resources management post the approved trade and correspondence school list on the IntraMET or another easily accessible location.

#### Management Response Agree.

This has been included in the updated policy (Tuition Reimbursement J-01), which is in final review stages with the Administrative Services Technical Writing Team. Once finalized, the policy will be updated on the IntraMET.

The estimated implementation date is April 2025.



## 6 Policy & Procedures

*Employee Tuition Reimbursement Program policy and procedures were not current.*

Human Resources staff refer to the HR Training Administrators Handbook for Tuition Reimbursement Administration and Metropolitan's Operating Policy J-01: Tuition Reimbursement for administering the Program. These documents establish the policy applicable to employees not covered by a Memorandum of Understanding (MOU) that includes a negotiated tuition reimbursement provision.

The latest revision of Operating Policy J-01 (Policy) was in 2009 and does not incorporate the modifications implemented in the MOUs since 2009 or the current Administrative Code (Section 6524). For instance, the Policy specifies a reimbursement rate of 85% for tuition costs up to \$9,000 annually. However, per Administrative Code Section 6524 and the current MOUs with all four employee organizations, the reimbursement rate stands at 100% of tuition expenses, capped at a maximum of \$9,000 per year for undergraduate degrees. In addition, the Policy does not address current Human Resources practices such as approving "grandfathered in" non-accredited trade school classes for reimbursement such as American Water Works Association (AWWA), California Water Board, and American Water College, and does not agree to the HR Training Administrators Handbook for Tuition Reimbursement Administration.

### Priority 3

*Outdated policies and procedures can result in inconsistent or incorrect treatment of application/reimbursement requests.*

### Recommendation 10

We recommend Human Resources management revise both Operating Policy J-01: Tuition Reimbursement and HR Training Administrators Handbook for Tuition Reimbursement Administration to ensure:

- (1) Alignment with the Administrative Code and the current Memorandums of Understanding.
- (2) Address the inclusion/exclusion of trade schools.

### Management Response Agree.

- (1) Reimbursement standards have been updated in the new policy to align to MOU's and Administrative Code.
- (2) AWWA and American Water College were added to the policy.

The estimated implementation date is April 2025.



## EVALUATION OF MANAGEMENT'S RESPONSE

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Internal Audit considers management's response appropriate to the recommendations, and management's corrective actions should resolve the conditions identified in the report.

## AUDIT TEAM

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Kathryn Andrus, CPA, Assistant General Auditor  
Chris Gutierrez, CPA, CIA, Audit Program Manager  
Bonita Leung, Senior Deputy Auditor, CPA, CIA, CRMA, CGMA  
Neena Mehta, Senior Deputy Auditor  
Faviola Sanchez, Deputy Auditor III



## APPENDIX A: SUPPLEMENTAL INFORMATION

### ADDITIONAL INFORMATION

#### **Application Policy Details**

The program requirements/guidelines in place for application requests, including required documentation, are summarized below.

#### Application Information

Submitted applications are to contain the following data:

- (1) Requestor details
- (2) School name
- (3) Type of degree program (graduate or undergraduate)
- (4) Course title, course number, credit hours
- (5) Start and end dates of the course
- (6) Course tuition, associated fees
- (7) Rationale for enrolling in the class/program
- (8) Endorsements
- (9) Copy of the program plan if a first-time degree or certification program

#### Documentation Requirements/Approvals

For a new degree or certification program, applications must:

- (1) Meet the defined criteria for reimbursement, including:
  - (a) A regular employee with at least six months at the District
  - (b) A completed reimbursement EForm 63
  - (c) Approval prior to the start of the course
  - (d) A program or schedule of courses for first-time degrees or certificates
- (2) Receive the group manager's and supervisor's approvals

For continuing degree or certificate courses, one-time professional examination preparation courses, and one-time professional courses at accredited institutions, applications must be:

- (1) Approved by the employee's supervisor
- (2) Submitted to the Human Resources Group Manager or designee

Any exceptions to the policy require approval of the Human Resources Group Manager or designee. All approvals are to be obtained prior to the start of a class/course and are to be documented on the EForm.



## SCOPE & OBJECTIVES

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Our audit scope included the review of the Employee Tuition Reimbursement Program (Program) for the period January 1, 2018 through October 31, 2021.

Our audit objectives were to:

- (1) Evaluate compliance with established policies, procedures, and guidelines.
- (2) Evaluate the employee tuition reimbursement process for operational efficiency opportunities.

## EXCLUSIONS

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Our audit scope did not include (1) the effectiveness of the Program and (2) the cost-benefit analysis of the Program.

## PRIOR AUDIT COVERAGE

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We have not completed any audit reports with a similar scope within the last five years.

## AUTHORITY

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We performed this audit in accordance with the FY 2021/22 Audit Plan presented to the former Audit & Ethics Committee and our FY 2023/24 Audit Plan approved by the Board.



## PROFESSIONAL INTERNAL AUDIT STANDARDS

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Our audit was conducted in conformance with the International Standards for the Professional Practice of Internal Auditing issued by the International Internal Audit Standards Board.

## FOLLOW-UP REVIEWS

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The Office of the General Auditor has implemented a new follow-up process to ensure management has effectively implemented corrective action related to our recommendations. Management is required to report recommendation implementation status to our office within six months following the issuance of this report and a first follow-up review will occur shortly thereafter. All audit recommendations are expected to be implemented within a year of this report and if necessary, a second follow-up review will occur approximately six months after issuance of the first follow-up review report. Any audit recommendations not implemented after the second follow-up review will be shared with the Board/Audit Committee at its next scheduled meeting.

## INTERNAL CONTROL SYSTEM

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An internal control system is a continuously operating and integrated component of Metropolitan's operations. Internal controls are implemented by the Metropolitan team and seek to provide reasonable (not absolute) assurance that the District's business objectives will be achieved. However, limitations are inherent in any internal control system no matter how well designed, implemented, or operated. Because of these limitations, errors or irregularities may occur and may not be detected. Specific examples of limitations include but are not limited to, poor judgment, carelessness, management override, or collusion. Accordingly, our audit would not necessarily identify all internal control weaknesses or resultant conditions affecting operations, reporting, or compliance. Additionally, our audit covers a point in time and may not be representative of a future period due to changes within Metropolitan and/or external changes impacting the District.

## METROPOLITAN'S RESPONSIBILITY FOR INTERNAL CONTROL

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It is important to note that Metropolitan management is responsible for designing, implementing, and operating a system of internal control. The objectives of internal controls are to provide reasonable assurance as to the reliability and integrity of information; compliance with policies, plans, procedures, laws, and regulations; the safeguarding of assets; the economic and efficient use of resources; and the accomplishment of established goals and objectives. In fulfilling this responsibility, management judgment is required to assess the expected benefits and related costs of internal control policy and procedures and to assess whether those policies and procedures can be expected to achieve Metropolitan's operational, reporting, and compliance objectives.





## APPENDIX B: PRIORITY RATING DEFINITIONS

The Office of the General Auditor utilizes a priority rating system to provide management with a measure of urgency in addressing the identified conditions and associated risks. We assess the significance of each observation identified during the audit using professional judgment and assign priority ratings to each recommendation using the criteria listed below. Factors taken into consideration in assessing the priority include the likelihood of a negative impact if not addressed, the significance of the potential impact, and how quickly a negative impact could occur.

PRIORITY			
<b>Definition</b>	Observation is <i>serious</i> enough to warrant <i>immediate</i> corrective action. The condition may represent a <i>serious</i> financial, operational, or compliance risk. A priority 1 recommendation may result from a <i>key</i> control(s) being absent, not adequately designed, or not operating effectively.	Observation is of a <i>significant</i> nature and warrants <i>prompt</i> corrective action. It may represent a moderate financial, operational, or compliance risk. A priority 2 recommendation may result from a <i>process</i> or less critical control(s) not being adequate in design and/or not operating effectively on a consistent basis.	Observation involves an internal control issue or compliance lapse that can be corrected in the <i>timely</i> course of <i>normal</i> business. A priority 3 recommendation may result from a <i>process</i> or control that <i>requires</i> enhancement to better support Metropolitan's objectives and manage risk.
<b>Response Time</b>	Immediate	Within 90 Days of report issuance	Within 180 Days of report issuance



## APPENDIX C: MANAGEMENT'S RESPONSE



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

**Date:** March 2, 2025

**To:** Scott Suzuki, General Auditor

**From:** Mark Brower, Human Resources Group Manager

**cc:** Deven Upadhyay, General Manager  
Katano Kasaine, Assistant General Manager / Chief Financial Officer

**Subject:** Management Response to Audit Number (22-4060)

**The General Manager has reviewed and concurs with the following response.**

Included is the management response to the Employee Tuition Reimbursement Program Audit (22-4060) covering Fiscal Years 2017/18 – 2020/21. Since the audit was conducted, the Human Resources team had already made significant changes to the administration of tuition reimbursement. The team also made changes as a direct result of feedback received through this audit process. We appreciate the time the Audit team took to evaluate this work and for your insight into opportunities to improve.

Thank you for your continued partnership and please do not hesitate to contact me if you would like to discuss the response or any other matters related to this audit.

*Mark Brower*

Mark Brower, Group Manager – Human Resources

*Katano Kasaine*

Katano Kasaine, Assistant General Manager / Chief Financial Officer

*Deven Upadhyay*

Deven Upadhyay (Mar 5, 2025 08:25 PST)

Deven Upadhyay, General Manager



## Operational Audit – Employee Tuition Reimbursement

Project Number 22-4060

### Management Response

#### OBSERVATION 1

##### Application Requirements

The Employee Tuition Reimbursement Program (Program) is available to all regular full-time and part-time employees who have completed a minimum of six months of service. Temporary and contracted staff and employees with less than six months of service are not eligible to participate in the Program. The courses must relate to the employee's current job or to Metropolitan work the employee can reasonably be expected to perform in the future. Courses are to be taken on the employee's own time. (See Appendix A for the specifics on the Program requirements/guidelines regarding the application process.)

We statistically selected 56 tuition reimbursement application requests for testing.

##### Form Completion

- 32 of 56 (57%) had incomplete information wherein the taking of the course outside of working hours could not be substantiated.
- 30 of 56 (54%) of the EForms were incomplete, missing items such as school name, course title, or program name.
- 26 of 56 (46%) requests for first-time degree or certificate programs were missing a copy of the program plan.

As such, the applicability of the degree or program to Metropolitan-related work could not be ascertained.

##### Approvals

- 30 of 56 (54%) did not contain the appropriate management approvals per policy; thus, authorization by department management could not be ascertained.
- 20 of 56 (36%) did not contain the Human Resources (HR) Group Manager or designee signature; thus, an acknowledgment that the employee qualified under the program requirements could not be substantiated.
- In one instance, three employees from different departments applied for the same course. One of the submissions incorrectly indicated the class was a "one-time course," requiring no group manager approval, resulting in insufficient approval being obtained.

FORM

MANAGEMENT RESPONSE FORM

PAGE

1 OF 10

NOVEMBER 2023 (Rv. N/A)



	<p><u>Submission</u></p> <ul style="list-style-type: none"> <li>10 of 56 (18%) were submitted late, ranging from 1 to 89 days after the course start date, which could result in the enrollment in the course or class not being reimbursable.</li> <li>3 of 56 (5%) did not include the course start date, preventing the assessment of timely submission.</li> </ul> <p><u>Course Applicability</u></p> <p>1 of 56 (2%) requested a course not applicable to Metropolitan-related work (home inspection). The request has been neither approved nor denied and remains open in the system.</p>
<p><b>OBSERVATION 2</b></p>	<p><b>Reimbursement Requirements</b></p> <p>Per the Tuition Reimbursement Policy (J-01), when requesting reimbursement for tuition, an employee must prepare and submit the Reimbursement EForm, provide transcripts showing a grade of "C" or better, and provide original receipts to Human Resources within 30 days after completion of the course.</p> <p>We statistically selected 61 paid tuition reimbursements for testing.</p> <ul style="list-style-type: none"> <li>For 6 of 61 (10%) totaling \$15,656, transcripts for the courses could not be provided.</li> <li>For 5 of 61 (8%) totaling \$10,589, receipts for \$9,580 could not be provided.</li> <li>For 1 of 61 (2%) totaling \$4,257, the EForm requesting reimbursement could not be located.</li> </ul> <p>For 1 of 61 (2%) totaling \$2,440, neither the grade report nor the receipt contained the name of the university or organization; thus, the reimbursement could not be substantiated.</p>
<p><b>OBSERVATION 3</b></p>	<p><b>Reimbursement Recovery</b></p> <p>The Tuition Reimbursement Policy requires a minimum one-year work commitment after receiving tuition reimbursement.</p> <p>We statistically selected 65 refund requests for testing.</p> <ul style="list-style-type: none"> <li>For 1 of 65 (2%), Human Resources permitted a pro-rated collection of the reimbursed amount based on the number of months an employee had worked subsequent to receiving the reimbursement.</li> <li>For 1 of 65 (2%), reimbursement of \$14,592 was not sought, although the employee left before meeting the one-year work commitment.</li> </ul>

FORM

MANAGEMENT RESPONSE FORM

PAGE

2 OF 10

NOVEMBER 2023 (Rv. N/A)





		No approved exception to the policy was documented to file by the HR Group Manager.
<b>RECOMMENDATIONS 1 - 3</b>		<b>Recommendation 1</b>
<b>PRIORITY 2</b>		We recommend Human Resources management formalize the review process for:
		(1) Applications and reimbursements, including remediation of non-compliant submissions.
		(2) Non-conforming reimbursement recovery requests.
		(3) Documenting exceptions made to the published policy, including appropriate approvals.
X	<b>AGREE</b>	<p>(1) This is addressed in the operating policy update (Tuition Reimbursement J-01), which is under final review with the Technical Writing Team and due to be distributed via email memo, published on the MWD intranet, as well as hyperlinked to the updated Tuition Reimbursement e-form.</p> <p>(2) This is addressed in the updated policy (Tuition Reimbursement J-01).</p> <p>3) Approvals are to be made by Training Administrator or Specialist. Any exceptions will be documented and based on a decision made by the HR Group Manager.</p>
	<b>MANAGEMENT ACTION PLAN</b>	
	<b>ESTIMATED IMPLEMENTATION</b>	May 2025
	PARTIALLY AGREE	<b>EXPLANATION</b>
	DO NOT AGREE	
<b>RECOMMENDATIONS 1 - 3</b>		<b>Recommendation 2</b>
<b>PRIORITY 2</b>		We recommend Human Resources management form a working group to review application, reimbursement, and non-conforming reimbursement recovery requests, or at a minimum, ensure the review and approval process is applied consistently and occurs at an appropriate management level.
x	<b>AGREE</b>	The review and approval process are now supported with an updated submission process (eForm) that collects the information required to evaluate the request. Along with the updated operating policy, this allows HR staff to accurately and consistently process requests. Any exceptions will be documented and based on a decision made by the HR Group Manager. These changes have been implemented and will continue to improve once the latest version of the eForm and operating policy are finalized.
	<b>MANAGEMENT ACTION PLAN</b>	
	<b>ESTIMATED IMPLEMENTATION</b>	May 2025
	PARTIALLY AGREE	<b>EXPLANATION</b>
	DO NOT AGREE	



<b>RECOMMENDATIONS 1 - 3</b>		<b>Recommendation 3</b>
<b>PRIORITY 2</b>		We recommend Human Resources management establish a monitoring process to identify trends requiring further focus.
X	<b>AGREE</b>	<b>MANAGEMENT ACTION PLAN</b>
		This is addressed in the policy update (Tuition Reimbursement J-01) and outlines the new internal audit process that will ensure employees do not exceed annual limits.
		<b>ESTIMATED IMPLEMENTATION</b>
	<b>PARTIALLY AGREE</b>	May 2025
	<b>DO NOT AGREE</b>	<b>EXPLANATION</b>

FORM

MANAGEMENT RESPONSE FORM

PAGE

4 OF 10

NOVEMBER 2023 (Rv. N/A)





**OBSERVATION 4****EForm Improvements**

When an employee seeks approval for enrollment in a class or course, the employee is to submit the request using the Tuition Reimbursement EForm. Upon clicking on the EForm, a sequentially numbered EForm is generated and saved, regardless of whether the EForm is submitted or abandoned. As a result, the database contains many incomplete, non-submitted forms creating tracking and reconciliation challenges.

Further, when an employee seeks reimbursement for tuition, the employee initiates the process by modifying the same EForm used to apply for the Tuition Reimbursement program. Within this EForm, the employee provides additional details, including the exact tuition and fee amounts, a description of the expenses, and the date the tuition and fees were paid. Moreover, the employee is to change the dropdown selection in the "Reason Section" from "Enroll in a new course" to "Request for reimbursement."

Per review of the 61 tuition reimbursements selected for testing:

- 58 of 61 (95%) did not have the appropriate field selected. Specifically, the "Reason Section" of the EForm showed "Enroll in a new course" rather than "Request for Reimbursement".
- EForm signature lines do not agree to the required signatures per the Tuition Reimbursement Operating Policy (Policy). The Policy states that a request for a new degree or certificate program is to be approved by the submitter's group manager and supervisor. In contrast, the EForm states signatures from a section manager and supervisor are needed.

We also noted that the EForm date is not updated when the employee modifies the request to submit the reimbursement, making it impossible to determine if the employee submitted the request within 30 days of course completion, as required by the Policy.

Moreover, the EForm approval process allows an individual to e-sign for all four required approvals (i.e., requestor, supervisor, group manager, and Human Resources).

One such EForm was noted in our sample. The creator of the EForm indicated it was a test; however, nowhere on the EForm did it indicate it was a test document. Further, the EForm was created in the production environment, not the test environment. We did not identify any reimbursements

FORM

MANAGEMENT RESPONSE FORM

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		made for EForm requests where all signatures were by the same individual.
<b>RECOMMENDATIONS 4-7</b>		<b>Recommendation 4</b>
<b>PRIORITY 2</b>		We recommend Human Resources management, in coordination with Administrative Services, implement EForm approvals that:
		(1) Limit those with approval authority to authorized personnel at each approval level.
		(2) Align to the Tuition Reimbursement Operating Policy.
X	<b>MANAGEMENT ACTION PLAN</b>	(1) The EForm is being updated to streamline the approval process to require only one departmental approval by the Unit Manager (or one level up if Unit Manager is submitting) before submission to Training for final approval and initiation.
		(2) The form also now only generates and registers a number when the request is submitted. If it is a new request, certain fields are now pre-populated to improve accuracy. When submitting for reimbursement, the form is adjusted to show the boxes for all appropriate information (e.g. populates itemization fields).
	<b>ESTIMATED IMPLEMENTATION</b>	Recommended changes were made to the form with one remaining pending change (approval routing process) projected to be implemented April 2025.
<b>PARTIALLY AGREE</b>		<b>EXPLANATION</b>
<b>DO NOT AGREE</b>		
<b>RECOMMENDATIONS 4-7</b>		<b>Recommendation 5</b>
<b>PRIORITY 2</b>		We recommend Human Resources management, in coordination with Administrative Services, implement two distinct EForms or, at a minimum, two distinct EForm records, one for applying to the Tuition Reimbursement Program prior to course enrollment and one for requesting reimbursement after course completion.
X	<b>MANAGEMENT ACTION PLAN</b>	HR partnered with the Administrative Services Eforms team to upgrade the form to be able to better serve both purposes (initial application and reimbursement).
	<b>ESTIMATED IMPLEMENTATION</b>	Completed
	<b>PARTIALLY AGREE</b>	<b>EXPLANATION</b>
<b>DO NOT AGREE</b>		
<b>RECOMMENDATIONS 4-7</b>		<b>Recommendation 6</b>
<b>PRIORITY 2</b>		We recommend Human Resources management, in coordination with Administrative Services, only retain submitted EForms in the EForm database and ensure that only submitted EForms are assigned a sequential number.
<b>FORM</b>		<b>PAGE</b>
<b>MANAGEMENT RESPONSE FORM</b>		<b>6 OF 10</b>
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X	<b>AGREE</b>	<b>MANAGEMENT ACTION PLAN</b>	This has been corrected within the existing system in early 2024.
		<b>ESTIMATED IMPLEMENTATION</b>	Completed
	<b>PARTIALLY AGREE</b>	<b>EXPLANATION</b>	
	<b>DO NOT AGREE</b>		

RECOMMENDATIONS 4-7		Recommendation 7	
PRIORITY 2		We recommend Human Resources management, in coordination with Administrative Services, perform EForm testing only in the test environment. If testing in production is necessary, clearly mark all created files as test documents.	
X	AGREE	MANAGEMENT ACTION PLAN	All Eform changes occurred in the testing environment in early 2024 before being deployed in the production environment. This practice will continue.
		ESTIMATED IMPLEMENTATION	Completed
	PARTIALLY AGREE	EXPLANATION	
	DO NOT AGREE		



<b>OBSERVATION 5</b>		<b>Trade/Correspondence Schools</b>	
		<p>In accordance with the Tuition Reimbursement Policy, a college/university degree program must be affiliated with educational institutions officially recognized and accredited by the United States Department of Education. Additionally, courses may be pursued at academically accredited entities, including colleges, universities, university extensions, adult education schools, and approved trade or correspondence schools.</p> <p>Per review of the 56 tuition reimbursement application requests selected for testing:</p> <ul style="list-style-type: none"> <li>9 of 56 (16%) listed schools were not accredited, as per the United States Department of Education Database.</li> </ul> <p>Furthermore, evaluation criteria used to assess a college/university degree or certificate program has not been established, nor could a list of approved trade schools eligible for tuition reimbursement be provided. Evaluation criteria would allow for consistency in assessment, and a list would serve as a valuable reference during the consideration process by employees and the authorization process.</p>	
<b>RECOMMENDATIONS 8-9</b>		<b>Recommendation 8</b>	
<b>PRIORITY 2</b>		We recommend Human Resources management establish specific criteria for evaluating and designating trade and/or correspondence schools approved for tuition reimbursement to ensure a standardized approach when assessing eligibility.	
X	<b>AGREE</b>	<b>MANAGEMENT ACTION PLAN</b>	This was updated in the policy (Tuition Reimbursement J-01) and the new Eform. As an additional control, the Eform will include the link to the approved institutions.
		<b>ESTIMATED IMPLEMENTATION</b>	Hyperlink will be added to the Eform by April 2025. The updated policy (Tuition Reimbursement J-01) will also include the link to the approved institutions.
	<b>PARTIALLY AGREE</b>	<b>EXPLANATION</b>	
	<b>DO NOT AGREE</b>		
<b>RECOMMENDATIONS 8-9</b>		<b>Recommendation 9</b>	
<b>PRIORITY 2</b>		We recommend Human Resources management post the approved trade and correspondence school list on the IntraMET or another easily accessible location.	
X	<b>AGREE</b>	<b>MANAGEMENT ACTION PLAN</b>	This has been included in the updated policy (Tuition Reimbursement J-01), which is in final review stages with the Administrative Services Technical Writing Team. Once finalized, the policy will be updated on the IntraMET.
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	<b>ESTIMATED IMPLEMENTATION</b>	April 2025
<b>PARTIALLY AGREE</b>	<b>EXPLANATION</b>	
<b>DO NOT AGREE</b>		

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<b>OBSERVATION 6</b>		<b>Policy &amp; Procedures</b> <p>Human Resources staff refer to the HR Training Administrators Handbook for Tuition Reimbursement Administration and Metropolitan's Operating Policy J-01: Tuition Reimbursement for administering the Program. These documents establish the policy applicable to employees not covered by a Memorandum of Understanding (MOU) that includes a negotiated tuition reimbursement provision.</p> <p>The latest revision of Operating Policy J-01 (Policy) was in 2009 and does not incorporate the modifications implemented in the MOUs since 2009 or the current Administrative Code (Section 6524). For instance, the Policy specifies a reimbursement rate of 85% for tuition costs up to \$9,000 annually. However, per Administrative Code Section 6524 and the current MOUs with all four employee organizations, the reimbursement rate stands at 100% of tuition expenses, capped at a maximum of \$9,000 per year for undergraduate degrees. In addition, the Policy does not address current Human Resources practices such as approving "grandfathered in" non-accredited trade school classes for reimbursement such as American Water Works Association (AWWA), California Water Board, and American Water College, and does not agree to the HR Training Administrators Handbook for Tuition Reimbursement Administration.</p>
<b>RECOMMENDATION 10</b> <b>PRIORITY 3</b>		<b>Recommendation 10</b> <p>We recommend Human Resources management revise both Operating Policy J-01: Tuition Reimbursement and HR Training Administrators Handbook for Tuition Reimbursement Administration to ensure:</p> <p>(1) Alignment with the Administrative Code and the current Memorandums of Understanding (MOUs).</p> <p>(2) Address the inclusion/exclusion of trade schools.</p>
X	<b>AGREE</b> <b>MANAGEMENT ACTION PLAN</b>	<p>(1) Reimbursement standards have been updated in the new policy to align to MOU's and Administrative Code.</p> <p>(2) AWWA and American Water College were added to the policy.</p>
	<b>ESTIMATED IMPLEMENTATION</b>	April 2025
	<b>PARTIALLY AGREE</b> <b>DO NOT AGREE</b>	<b>EXPLANATION</b>

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**PUBLIC INFORMATION**

THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

**Date:** March 26, 2025  
**To:** Audit Committee  
**From:** Scott Suzuki, CPA, CIA, CISA, CFE, General Auditor  
**Subject:** Cybersecurity Audit: Inventory & Control of IT Assets  
(Project Number 23-31)

We have completed a cybersecurity audit of inventory and control of IT assets for the Information Technology Group (ITG).

Due to the sensitive nature of the critical infrastructure information, details of our observations and recommendations were shared with select members of the Board and management in a separate confidential report not subject to public release.

Our audit objectives were to: (1) determine if an accurate, detailed, and up-to-date inventory of IT assets on the network has been established and is maintained and (2) determine if there is a process to address unauthorized assets. Our audit scope included ITG inventory records and all IT assets under the control of ITG with the potential to store or process data, including end-user devices (e.g., laptops, desktop computers), network devices (e.g., firewalls, switches), non-computer/IoT devices, and servers connected to Metropolitan's network as of March 31, 2024.

Our audit scope did not include: (1) software assets, (2) data, (3) hardware assets outside of Metropolitan's network, (4) hardware assets maintained by Integrated Operations, Planning, and Support Services, (5) cloud-based servers, nor (6) servers on virtual machines.

We have not completed any audit reports with a similar scope within the last five years.

Using our priority rating system, we reported two observations (one Priority 2 and one Priority 3) and two associated recommendations. Management agreed with our observations and recommendations. We consider management's response appropriate to the recommendations and their corrective actions should resolve the conditions identified.

We appreciate the cooperation and courtesies provided by the Information Technology Group.

The results from this audit will be summarized for inclusion in a status report to the Board. If you have any questions regarding our audit, please do not hesitate to contact me directly at 213.217.6528 or Assistant General Auditor Kathryn Andrus at 213.217.7213.

**PUBLIC INFORMATION**

cc: Board of Directors  
General Manager  
General Counsel  
Ethics Officer  
Office of the General Manager Distribution  
Assistant General Managers  
Information Technology Group Distribution  
External Auditor



## Monthly Report

March 2025

### EDUCATION Program

Ethics Education staff presented an Ethics Office overview at new employee orientations hosted by Human Resources, held an ethics policy overview session at the General Manager's Group Manager meeting, and attended: "Getting the Message: Measuring Impact of Your Training," hosted by the Council on Governmental Ethics Laws.

Education staff also met with External Affairs and Human Resources staff for feedback and subject matter expertise related to education and outreach resources and opportunities at Metropolitan.

### COMPLIANCE Program

**Form 700/Filing Officer Duties** – Pursuant to state law and the Administrative Code, Compliance staff assisted directors and employees with their Annual, Assuming Office, and Leaving Office Form 700 filings. Assistance included troubleshooting the electronic filing system and issuing notices of deadlines. Staff also navigated the recent Annual Form 700 filing deadline extension for certain filers adopted by the Fair Political Practices Commission. In total, staff addressed 78 compliance-related matters for Metropolitan Directors and staff related to Form 700.

**Conflict of Interest Code** – Staff evaluated which new Metropolitan positions must file Form 700 and determined the appropriate level of disclosure for each position. Staff also initiated the state-mandated biennial COI Code review process and began working with a consultant to assist with the Code amendment process.

**AB 1234 compliance** – Staff managed AB 1234 state ethics training compliance for Metropolitan. 84% of Metropolitan officials required to take ethics training have complied with the state requirement. Nine have not completed the training. Staff will continue efforts to seek 100% compliance.

## ADVICE Program

Advice staff addressed 44 time-sensitive advice requests for directors and employees related to the following ethics laws and policies: conflicts of interest, financial disclosure, gifts, outside employment, revolving door restrictions, and other ethics-related topics. Examples of advice requested includes:

- Whether officials must disclose a personal residence on Form 700 where the residence is also used for business purposes and a portion of the property is claimed as a tax deduction.
- Whether the revolving door and conflict of interest provisions prevent a recently retired Metropolitan employee from working for a consultant on a Metropolitan project the employee worked on while employed by Metropolitan.
- Whether a Metropolitan department may hire a former employee for a sole source contract.
- Whether an employee may accept an event ticket from a current Metropolitan contractor.
- Whether an official may accept a consulting opportunity with a Metropolitan partner organization.

Staff also helped identify and advise on potential conflicts of interest in Committee and Board agenda items.

# INVESTIGATION Program

**Complaints** – The Ethics Office received eight new complaints involving the following allegations:

- Retaliation by a manager against an employee for reporting potential workplace violations.
- Unprofessional behavior by an employee.
- Improper outside employment activity by an employee.
- Improper influence over a recruitment by a Metropolitan official.
- Improper acceptance of a gift from a Metropolitan vendor by a manager.
- Improper receipt of gifts, outside employment activity, misuse of authority, and conflict of interest by a Metropolitan manager.
- Two instances of misuse of authority and conflict of interest by two Metropolitan officials.

Open Complaints and Investigations – As of March 31, 2025, the Investigations Program is managing a total of 19 open complaints and one open ethics investigation.

## SNAPSHOT for March 2025

Advice Matters 44	Pending Complaints 19
Compliance Assistance 78	Investigations Opened 0
New Complaints Received 8	Pending Investigations 1

## Mission

The Ethics Office promotes the highest standards of government integrity to support Metropolitan’s mission through an independent and comprehensive program that enhances trust, transparency, and accountability for the benefit of the workforce and the public it serves.

## Vision

Our vision is to be a leader in governmental ethics with an unparalleled commitment to supporting an ethical organizational culture.



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

# Board Information

## • Board of Directors

4/8/2025 Board Meeting

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### Subject

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Sufficiency of Credentials for Appointment of a Director from the City of San Marino.

### Description

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On February 12, 2025, the governing body of the above-entitled member agency approved the appointment of Gretchen Shepherd Romey as its representative on Metropolitan's Board of Directors.

The oath of office is expected to be given on or before the April 8, 2025 Board meeting.

*Rickita C. Hudson*

*Rickita Hudson*  
*Board Executive Secretary*

3/13/25

*Date*

### Legal Review

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Credentials were examined and found to be in compliance with the Metropolitan Water District Act for:

☒ an Indefinite Term pursuant to the Metropolitan Water District Act Section 51

☐ a Specified Term pursuant to the Metropolitan Water District Act Section 54.

*MScully*

*Marcia Scully*  
*General Counsel*

3/13/25

*Date*

## Attachment 1 – Credentials



**MINUTES  
REGULAR MEETING  
OF THE SAN MARINO CITY COUNCIL  
WEDNESDAY, FEBRUARY 12, 2025 AT 6:00 PM  
CITY HALL COUNCIL CHAMBERS**

**CALL TO ORDER**

Mayor Shepherd Romey called the regular meeting to order at 6:08 p.m. in the City Hall Council Chambers, located at 2200 Huntington Drive, San Marino, California 91108.

**PLEDGE OF ALLEGIANCE**

The Pledge of Allegiance was led by Mayor Sheperd Romey.

**ROLL CALL:**   **PRESENT:** Council Member Chang, Council Member Chou,  
Council Member Lo, Mayor Shepherd Romey

**ABSENT:** Vice Mayor Chou

**PUBLIC COMMENTS**

The following person(s) provided comment:

- Saerlaith Anying Dunn, Miss LA Chinatown

**CITY MANAGER'S REPORT**

City Manager Eskandar gave the report.

**CONTINUED BUSINESS**

**1. CONSIDERATION OF RESOLUTION R-25-06, EXTENDING THE  
DECLARATION OF LOCAL EMERGENCY, RATIFYING THE CITY MANAGER'S  
ADOPTION OF CERTAIN INTERIM RULES, AND TEMPORARILY  
SUSPENDING THE COLLECTION OF THE LACY PARK WEEKEND NON-  
RESIDENT ADMISSION FEE**

City Manager Eskandar and Chief Rueda gave the presentation.

The following person(s) provided comment:

- Kevin (provided comment by Zoom chat)

Council Member Chou moved, seconded by Council Member Lo to adopt Resolution No. R-25-06 to (1) approve the continuation of the declaration of the state of local emergency for San Marino, (2) approve the confirmation of Emergency Rules, and (3) approve the temporary suspension of the Lacy Park Non-Resident Entrance Fee.

Motion passed by the following vote:

AYES: Council Member Chang, Council Member Chou, Council Member Lo, Mayor Shepherd Romey  
NOES: None  
ABSTAIN: None  
ABSENT: Vice Mayor Chou

## **NEW BUSINESS**

### **2. FY 2025-26 BUDGET PROCESS OVERVIEW AND PRIORITY INITIATIVE DISCUSSION**

The City Council discussed priority initiatives presented by City Manager Eskandar and gave direction.

The following person(s) provided comment:

- None

## **CONSENT CALENDAR**

Council Member Chou moved, seconded by Council Member Lo, to approve Item 3 of the consent calendar.

Motion passed by the following vote:

AYES: Council Member Chang, Council Member Chou, Council Member Lo, Mayor Shepherd Romey  
NOES: None  
ABSTAIN: None  
ABSENT: Vice Mayor Chou

### **3. APPROVAL OF RESOLUTION R-25-04 AUTHORIZING THE TRANSFER OF PROPOSITION 68 PER CAPITA GRANT FUNDS TO THE CITY OF ALHAMBRA**

The City Council approved Resolution No. R-25-04 authorizing the transfer of \$186,097 of the City's Proposition 68 Per Capita Grant Funds under the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Act of 2018 to the City of Alhambra.

Council Member Chang moved, seconded by Council Member Chou, to approve Items 4 through 11 of the consent calendar.

Motion passed by the following vote:

AYES: Council Member Chang, Council Member Chou, Council Member Lo, Mayor Shepherd Romey  
NOES: None  
ABSTAIN: None  
ABSENT: Vice Mayor Chou

**4. AWARD OF PROFESSIONAL SERVICES AGREEMENT TO EMS QI PARTNERS, LLC FOR NURSE EDUCATOR SERVICES**

The City Council (1) authorized the City Manager to execute a contract with EMS QI Partners, LLC, in the amount not to exceed \$99,267; and (2) delegated the City Manager the authority to award two optional one-year Professional Service agreements, not to exceed \$39,917 and \$43,909, subject to satisfactory performance and Council allocation in the annual budget.

**5. ADOPT THE 2021-2029 HOUSING ELEMENT UPDATE (6TH CYCLE) OF THE SAN MARINO GENERAL PLAN AND UPDATE THE CITY'S OFFICIAL GENERAL LAND USE MAP AS ADOPTED ON NOVEMBER 13, 2024.**

The City Council approved Resolution No. R-25-05, a resolution of the San Marino City Council adopting both the General Plan Land Use map and the City's 6th Cycle Housing Element updates consistent with the statutory requirements of the California Housing Element Law that were previously adopted by the City Council on November 13, 2024.

**6. APPROVAL OF \$18,995 BUDGET AMENDMENT TO THE FIRE DEPARTMENT MATERIAL & SUPPLIES DONATIONS FUND ACCOUNT**

The City Council approved a Fiscal Year 2024-25 expenditure amendment of \$18,995 to account 281-34-4376-0000 (Fire Donation Materials & Supplies) from the Departments accumulated donations Fund Reserve Balance of \$12,395 and current Fiscal Year donations received in the amount of \$6,600 from account 281-34-3601-0000 (Fire Donations Received).

**7. APPROVAL OF NOTICE OF COMPLETION FOR THE STORM DRAIN TRASH CAPTURE FILTER PROGRAM PROJECT NO. 46-8026**

The City Council accepted the FY 24-25 Storm Drain Trash Capture Filter Program Project No. 46-8026, performed by G2 Construction, Inc. as complete and authorized City staff to file the notice of completion.

**8. CASH AND INVESTMENT REPORT FOR THE MONTH OF DECEMBER 2024**

The City Council received and filed the Cash and Investment Report for the month of December 2024.

**9. RECEIVE AND FILE MONTHLY DISBURSEMENTS REPORT FOR JANUARY 2025**

The City Council received and filed the Monthly Disbursements Report for the month of January 2025.

**10. APPROVAL OF CITY COUNCIL DELEGATE AND ALTERNATE LIST FOR 2025 AND DIRECT THE CITY CLERK TO UPDATE THE AGENCY REPORT OF PUBLIC OFFICIAL APPOINTMENTS FORM 806**

The City Council (1) approved the Council List of Delegates and Alternates to agency boards, commissions, and City activities for 2025; (2) appointed Mayor Shepherd Romey as the City's Metropolitan Water District representative; and (3) directed the City Clerk to update the Agency Report of Public Official Appointments Form 806 based on the appointments made, delegate the City Manager as signatory on said form, and directed the City Clerk to place the updated Form 806 on the City's website.

#### **11. APPROVAL OF MINUTES**

The City Council approved the minutes of the Regular Meeting of January 8, 2025, and the Special Meeting of January 21, 2025.

#### **WRITTEN COMMUNICATIONS OR PUBLIC WRITINGS DISTRIBUTION**

The following person(s) provided written communications or public writings:

- None

#### **FUTURE AGENDA ITEMS**

The following item(s) were requested:

- None

#### **ADJOURNMENT**

At 7:58 p.m., Mayor Shepherd Romey adjourned the meeting to Friday, February 28, at 8:30 a.m. in the City Hall Council Chambers.



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ALISON WALKER  
CITY CLERK

# **THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

## **Minutes**

### **SPECIAL AUDIT SUBCOMMITTEE OF THE EXECUTIVE COMMITTEE**

**November 20, 2024**

Chair Armstrong called the meeting to order at 9:00 a.m.

Members present: Directors Armstrong and Fong-Sakai.

Members absent: Directors Cordero, De Jesus, and Garza.

Other Board Members present: Directors Erdman, Goldberg, McMillan, Morris, Ortega, Quinn, and Smith.

Chair of the Board Ortega was present for purposes of quorum

Committee Staff present: Andrus, Elias, Parsons, Suzuki, Upadhyay, and Wheeler.

#### **1. OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO ADDRESS THE COMMITTEE ON MATTERS WITHIN THE COMMITTEE'S JURISDICTION**

None

#### **CONSENT CALENDAR ITEMS – ACTION**

#### **2. CONSENT CALENDAR OTHER ITEMS – ACTION**

- A. Subject: Approval of the Minutes of the Audit Subcommittee of the Executive Committee for July 23, 2024 (Copies have been submitted to each Director, with any additions, corrections, or omissions)

Chair of the Board Ortega was present for purposes of quorum

Director Fong-Sakai made a motion, seconded by Director Armstrong to approve the consent calendar consisting of item 2A.

The vote was:

Ayes: Directors Armstrong and Fong-Sakai

Noes: None

Abstentions: None

Absent: Director Cordero, De Jesus, and Garza

The motion for item 2A passed by a vote of 2 ayes, 0 noes, 0 abstain, and 3 absent.

**\*\*END OF CONSENT CALENDAR ITEMS\*\***

### **3. SUBCOMMITTEE ITEMS**

- a. Subject: Discussion of Independent Auditor's Report from Macias Gini & O'Connell, LLP for fiscal year 2023/24

Presented by: David Bullock, Partner at Macias Gini & O'Connell LLP

Ms. Andrus introduced Mr. David Bullock, Partner at Macias Gini & O'Connell LLP, who presented the Independent Auditor's Report for fiscal year 2023/24.

The following Directors asked questions and provided comments:

1. Ortega
2. Erdman
3. Armstrong

Mr. Bullock responded to the Directors' comments and questions.

- b. Subject: General Auditor's Quarterly Report

Presented by: Scott Suzuki, General Auditor

Mr. Suzuki presented the General Auditor's quarterly report dashboard.

The following Directors asked questions and provided comments:

1. Smith
2. Armstrong
3. Ortega

Staff responded to the Directors' comments and questions.

- c. Subject: Audit Department Charter Revisions

Presented by: Scott Suzuki, General Auditor

Mr. Suzuki presented the Audit Department Charter Revisions.

The following Directors asked questions and provided comments:

1. Armstrong
2. Ortega



- d. Subject: Study, advise, or recommend on Board member/Board committee audit assignment requests

Presented by: Scott Suzuki, General Auditor

Mr. Suzuki introduced the item to study, advise, or recommend on Board member/Board committee audit assignment requests.

Director Erdman requested information on Metropolitan property leases and Metropolitan's large salvage projects. Board Chair Ortega requested information on preparations for Memorandums of Understanding.

The following Directors asked questions and provided comments:

1. Erdman
2. Ortega
3. Armstrong

Staff responded to the Directors' comments and questions.

#### **4. FOLLOW-UP ITEMS**

Director Armstrong requested follow up on the requests from Director Erdman and Board Chair Ortega, as discussed by the committee under item 3d.

#### **5. FUTURE AGENDA ITEMS**

None

#### **6. ADJOURNMENT**

Meeting adjourned at 10:02 a.m.

Jeff Armstrong  
Chair

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

**MINUTES**

**ETHICS, ORGANIZATION AND PERSONNEL COMMITTEE**

**February 10, 2025**

Chair Pressman called the meeting to order at 12:50 p.m.

Members present: Directors Bryant, Camacho, Cordero, Erdman, Faessel, Fong-Sakai, Lewitt, McMillan, Phan (teleconference posted location) and Pressman.

Members absent: Directors Douglas, Jung, Ramos, and Sutley

Other Board Members present: Directors Alvarez, Armstrong, De Jesus (teleconference posted location), Dennstedt, Dick, Goldberg, Kurtz, Lefevre (teleconference posted location), McCoy, Miller (teleconference posted location), Ortega, and Seckel.

Committee Staff present: Brower, Kasaine, H. Rodriguez, Rubin, Salinas, H. Torres, Upadhyay, and Wisdom.

**1. OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO ADDRESS THE COMMITTEE ON MATTERS WITHIN THE COMMITTEE’S JURISDICTION**

Ellen Mackey      MWD Employee, PR Resource Specialist      Item 6a

**CONSENT CALENDAR ITEMS — ACTION**

**2. CONSENT CALENDAR OTHER ITEMS – ACTION**

- A.      Approval of the Minutes of the Ethics, Organization, and Personnel Committee for January 13, 2025

**3. CONSENT CALENDAR ITEMS – ACTION**

None

Director Erdman made a motion, seconded by Director Bryant to approve the consent calendar consisting of item 2A.

The vote was:

Ayes: Directors Bryant, Camacho, Cordero, Erdman, Faessel, Fong-Sakai, Lewitt, McMillan, Phan, and Pressman.

Noes: None

Abstentions: None

Absent: Directors Douglas, Jung, Ramos, and Sutley.

The motion passed by a vote of 10 ayes, 0 noes, 0 abstentions, and 4 absent.

#### **END OF CONSENT CALENDAR ITEMS**

#### **4. OTHER BOARD ITEMS – ACTION**

None

#### **5. BOARD INFORMATION ITEMS**

None

#### **6. COMMITTEE ITEMS**

a. Subject: Independent Workplace Culture Survey by Shaw Law Group

Presented by: Jennifer Shaw, Shaw Law Group

Abel Salinas, Ethics Officer

Mr. Salinas introduced Jennifer Shaw of Shaw Law Group to present the results and recommendations for the 2024 workplace cultural assessment survey.

The Following Directors had questions or comments.

1. Faessel
2. Ortega
3. Kurtz

Staff responded to directors' questions or comments.

- b. Subject: Update on District Wide Workplace Assessment

Presented by: Mark Brower, Human Resources Group Manager  
Aron Brown, Quantum

Mr. Brower provided an overview of the Workplace Assessment conducted by Quantum and announced that a SharePoint site was created to view survey results, comments, and future plans to resolve issues presented by employees.

The following directors had comments or questions.

1. Ortega

Staff responded to directors' questions or comments.

## **7. MANAGEMENT REPORT**

- a. Subject: Ethics Officer's Report

Presented by: Abel Salinas, Ethics Officer

Mr. Salinas introduced a new member to the ethics team Hiroshi Ishikawa. Mr. Salinas also reported that since January, the Ethics Office has not initiated new investigations or entered into any new contracts. Mr. Salinas reported that there is currently one Ethics investigation, opened in September and alleges misuse of authority. The Ethics Officer anticipates completing this investigation within the regular six-month timeline. Mr. Salinas reported that the Ethics Office received five complaints in January; two separate allegations of discrimination and or harassment were referred to EEO Office. One allegation of a potential ethics violation was closed after a preliminary review. Two allegations of potential ethics violation are currently under review by the office to determine any appropriate next steps. The Ethics Office has established a new alternative complaint hotline for reporting concerns against directors and senior officials.

The following Directors made comments or asked questions:

1. Pressman

Staff responded to director's comments and questions.

- b. Subject: Equal Employment Opportunities activities  
Human Resources activities  
Safety, Security, and Protective activities

Ms. Wisdom provided an update on Equal Employment Opportunities activities and reminded Board members of an approaching deadline to take the mandatory EEO training to remain in compliance.

No reports for Human Resources, and Safety, Security, and Protection activities.

**8. FOLLOW-UP ITEMS**

Director Pressman stated there will be follow-up reports on Human Resources and the Shaw report.

**9. FUTURE AGENDA ITEMS**

None

**10. ADJOURNMENT**

Meeting adjourned at 2:57 p.m.

Barry Pressman  
Chair

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

**MINUTES**

**ETHICS, EEO, DIVERSITY, EQUITY & INCLUSION COMMITTEE**

**March 10, 2025**

Chair McCoy called the meeting to order at 12:37 p.m.

Members present: Directors Cordero, Dennstedt, Dick, Faessel, Fellow, Fong-Sakai, Garza, Gray (entered after roll call, teleconference posted location), and McCoy.

Members absent: Director Luna.

Other Board Members present: Ackerman, Armstrong, Bryant, Erdman, Goldberg, Katz, Kurtz, Miller, Morris, Ortega, Pressman (teleconference posted location), Ramos, and Seckel.

Committee Staff present: Aguirre, Kasaine, Redin, Rubin, Salinas, Thomas, Upadhyay, and Wisdom.

**1. OPPORTUNITY FOR MEMBERS OF THE PUBLIC TO ADDRESS THE COMMITTEE ON MATTERS WITHIN THE COMMITTEE’S JURISDICTION**

None

**CONSENT CALENDAR ITEMS — ACTION**

**2. CONSENT CALENDAR OTHER ITEMS – ACTION**

- A. Subject: Approval of the Minutes of the Equity, Inclusion, and Affordability Committee for October 7, 2024 (Copies have been submitted to each Director, Any additions, corrections, or omissions)

**3. CONSENT CALENDAR ITEMS – ACTION**

None



Director Faessel made a motion, seconded by Director Fellow to approve the consent calendar consisting of item 2A.

The vote was:

Ayes: Directors Cordero, Dennstedt, Dick, Faessel, Fellow, Fong-Sakai, Garza, and McCoy

Noes: None

Abstentions: None

Absent: Directors Gray and Luna

The motion for item 2A passed by a vote of 8 ayes, 0 noes, 0 abstain, and 2 absent.

#### **END OF CONSENT CALENDAR ITEMS**

#### **4. OTHER BOARD ITEMS – ACTION**

None

#### **5. BOARD INFORMATION ITEMS**

None

#### **6. COMMITTEE ITEMS**

- a        Subject:        State of Diversity, Equity, and Inclusion and Metropolitan's Approach  
Presented By:    Liji Thomas, Diversity, Equity, and Inclusion Officer  
                              Juan Redin, Sr. Deputy General Counsel

Ms. Kasaine introduced the item, and Ms. Thomas provided an update on the state of Diversity, Equity, and Inclusion at Metropolitan, highlighting DEI as a critical business imperative that fosters fairness, innovation, and organizational success. Mr. Redin discussed the recent Executive Orders and their legal implications. Ms. Thomas concluded by reaffirming Metropolitan's long-standing commitment to DEI, emphasizing the importance of adapting to legal changes while maintaining a high-performing and inclusive organization.

The following Directors provided comments or asked questions:

1. Garza

Director Gray entered the meeting.

b        Subject:            Quarterly Workforce Development Update

Presented By:   Brenda Martinez, Unit Mgr-Diversity, Equity & Inclusion  
Workforce Development

Ms. Martinez provided an update on Metropolitan's Workforce Development efforts, emphasizing partnerships, training, and outreach to bridge skill gaps and enhance career opportunities. Key initiatives include collaborations with member agencies, community engagement through MOUs and events, certification, and skills training, and expanded outreach to Native Nations. Metropolitan is also prioritizing veteran and disability outreach while strengthening career pathways and succession planning.

The following Directors provided comments or asked questions:

1. Dick
2. Ortega
3. Seckel
4. Armstrong
5. Fellow
6. Ramos
7. Cordero

Staff responded to the Directors' comments and questions.

## **7. MANAGEMENT ANNOUNCEMENTS AND HIGHLIGHTS**

a.        Subject:            Ethics Officer's report on monthly activities

Presented:        Abel Salinas, Ethics Officer

Mr. Salinas updated the committee on the Ethics Office's programs, staffing, and initiatives, including expanding ethics education and lobbying outreach. Mr. Salinas reported that one misuse of authority investigation is nearing completion and that the office received five complaints. Two allegations of potential ethics violations are currently under review. Directors were reminded to submit AB 1234 training certificates at their earliest convenience and file annual Form 700s by April 1, 2025.

b.        Subject:            Diversity, Equity, and Inclusion activities  
Equal Employment Opportunity Activities

Presented:        Liji Thomas, Diversity, Equity, and Inclusion Officer  
Jonaura Wisdom, Chief EEO Officer

Ms. Thomas highlighted the Diversity, Equity, and Inclusion Team's collaborative efforts with various organizations, including engaging with small business owners, supporting workforce development initiatives, and hosting a "Career in Water" webinar that reached over 120 students. The team also advanced outreach to Native nations and achieved 70% staff completion of Civil & Inclusive Workplace Training.

Ms. Wisdom announced that the Equal Employment Opportunity Activities update is available online.

**8. FOLLOW-UP ITEMS**

None

**9. FUTURE AGENDA ITEMS**

None

**10. ADJOURNMENT**

The meeting adjourned at 2:08 pm

Tana McCoy  
Chair

**MINUTES**  
**MEETING OF THE**  
**BOARD OF DIRECTORS**  
**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**  
**February 11, 2025**

**53951** The Board of Directors of The Metropolitan Water District of Southern California met in on Tuesday, February 11, 2025.

Chair Ortega called the teleconference meeting to order at 1:15 p.m.

Director Ackerman stated that she is using AB 2449 just cause due medical condition.

**53952** The Meeting was opened with an invocation by Director Tana McCoy, City of Compton.

**53953** The Pledge of Allegiance was given by Director Garry E. Bryant, Foothill Municipal Water District.

**53954** Board Secretary Fong-Sakai administered the roll call. Those responding present were: Directors Ackerman (AB2449-Just Cause), Alvarez, Armstrong, Bryant, Camacho, Cordero, De Jesus, Dennstedt, Dick, Douglas, Erdman, Faessel, Fellow, Fong-Sakai, Garza, Gold, Goldberg, Jung (teleconference posted location available for the public), Kassakhian, Kurtz, Lefevre (teleconference posted location available for the public), Lewitt, McCoy, McMillan, Miller (teleconference posted location available for the public), Morris, Ortega, , Pressman (teleconference posted location available for the public), Quinn, Ramos, Seckel, and Sutley.

Those not responding were: Directors Crawford, Gray, Katz, Luna, and Petersen.

Board Secretary Fong-Sakai declared a quorum present.

Those entered after roll call: Director Phan (teleconference posted location available for the public)

Chair Ortega called on Director Alvarez to introduce Member Agency Manager Guest E.J. Caldwell, General Manager of West Basin Water District. Chair Ortega, Director Alvarez, and Mr. Caldwell made remarks.

Chair Ortega welcomed and thanked Mr. Caldwell for joining the board and encouraged them to comment on matters important to West Basin Municipal Water District.

**53955** Chair Ortega invited members of the public to address the Board on matters within the Board's jurisdiction (in-person and via teleconference).

	Name	Affiliation	Comment
1.	Richard Atwater	President, Foothill Municipal Water District	Eaton Fire response from Metropolitan
2.	Nina Jazmadarian	General Manager, Foothill Municipal Water District	Eaton Fire response from Metropolitan
3.	Darcy Burke	Elsinore Valley Municipal Water District	Eaton Fire response from Metropolitan
4.	Laura Garcia	Metropolitan Employee, VP, AFSCME	Item 7-3
5.	John Mendoza	Resident of the City of Pomona	Alternate Board Members

**53956** Chair Ortega discussed his Second Term Priorities with Key Objectives: proposed committee structures and appointments to align oversight and policy initiatives around three critical goals: 1. Stabilizing Metropolitan internally by addressing longstanding issues that have disrupted morale and occasionally diverted us from our mission; 2. Redoubling commitment to climate action and long-term water supply sustainability through responsible stewardship of the Metropolitan workforce, resources, and infrastructure; 3. Working towards long-term financial stability to ensure operations remain sustainable. (Agenda Item 5A).

Chair Ortega addressed the following: Other Matters and Reports.

**53957** Chair Ortega asked if there were any corrections to the report of events attended by Directors at Metropolitan's expense during the month of January, as previously posted and distributed to the Board. None were made.

**53958** Chair Ortega referred to the Chair's monthly report, which was previously posted and distributed to the Board. In addition, the Black Employees' Association kicked off its Black History Month celebration with an event honoring the legacy of activism in the fight for racial equality. Lastly, we invite the Board to the dedication ceremony of the Water Quality Laboratory, which will be named in Honor of Dr. Michael J. McGuire, on February 20<sup>th</sup> at 1:30 p.m. In addition, on behalf of the board, Director Dennstedt presented a monetary gift to Directors Bryant and Quinn as they were affected by the Eaton fires. Chair Ortega asked if there are any questions. None were made.

**53959** General Manager Upadhyay reported in addition to the written report previously posted, he reported on the public comment speakers Eaton fire response from Metropolitan; at the Executive Committee, he will present the 2025 vision and priorities plan. Lastly, he highlighted the Jensen Safety Committee.

The following Director(s) asked questions or made comments:

Director(s)

1. Gold
2. Sutley
3. Ortega
4. Fellow

The General Manager responded to the Directors' comments and questions.

**53960** General Counsel Scully stated she had nothing to add to her written report.

**53961** General Auditor Suzuki stated he had nothing to add to his written report.

**53962** Ethics Officer Salinas stated he had nothing to add to his written report.

**53963** Presentation of 10-year service pin to Director Ramos, the City of Burbank. Director Ramos made remarks. (Agenda Item 5H)

**53964** Presentation commendatory resolution for Former Director Tim Smith representing San Diego County Water Authority. Former Director Tim Smith made remarks. (Agenda Item 5I)

**53965** Chair Ortega asked the Directors if there were any comments or discussions on the Approval of the Minutes of the Special Board of Directors meeting for January 11, 2025, and the Board of Directors meeting for January 14, 2025 (Agenda Item 6A). None were made.

**53966** Approve Chairs and Vice Chairs for the term commencing on February 11, 2025, governance changes to Committees and Committee formation including the modification of Standing Committees and the creation and elimination of Ad Hoc Committees as set in the board letter, and direct staff to bring back the required changes to the Administrative Code for Board approval. Chair Ortega asked if there are any questions. (Agenda Item 6B). None were made.

**53967** Chair asked Directors to email Jon Rubin or himself of their committee assignment preference for the current term. The Committee members will remain in place until the March Board meeting. (Agenda Item 6C)

Chair Ortega called on Directors who are requesting that any items be pulled from the Consent Calendar Action Items and to state any recusals, abstentions, and disclosures. None were made.

Consent Calendar Items- Action

**53968** Award a \$2,556,478.19 construction contract to MasTec Network Solutions LLC for upgrades to the desert microwave communication tower sites; B. awarded a \$1,531,044 procurement contract to Logicalis Inc. for communications site network equipment; C. authorized an increase of \$591,000 to the agreement with Nokia of America Corporation for a

new not-to-exceed amount of \$5,888,000 for network materials and manufacturer's field services; and D. authorized an increase of \$680,000 to the agreement with Hatfield & Dawson Consulting Engineers LLC for a new not-to-exceed amount of \$1,410,000 to provide specialized technical support during construction and commissioning, as set forth in Agenda Item 7-1 board letter.

**53969** Award a \$1,931,217 contract to Fencecorp. Inc. for perimeter fencing for housing and playground areas and shade improvements for the playground area at four CRA pumping plant villages, as set forth in Agenda Item 7-2 board letter.

**53970** Authorize an agreement with Computer Aid, Inc. in an amount not to exceed \$6 million for co-managed support services for the operation and maintenance of the Metropolitan Cybersecurity Operations Center, as set forth in Agenda Item 7-3 board letter.

**53971** Authorize the General Manager to enter into an agreement with Palo Verde Irrigation District to jointly fund community investment in Palo Verde Irrigation District's service area, as set forth in Agenda Item 7-4 board letter.

**53972** Authorize the General Manager to approve a new three-year agreement with WaterWise Consulting Inc. for the Large Landscape and Residential Survey Program, for a total agreement not to exceed \$200,000/year, as set forth in Agenda Item 7-5 board letter.

**53973** Authorize the General Manager to expand the Bard Seasonal Fallowing Program and amend the System Conservation Implementation Agreement for Bard Seasonal Fallowing Program to increase its program size from 3,000 acres to 6,000 acres for the years 2025 and 2026, as set forth in Agenda Item 7-6 board letter.

**53974** Review and consider the Lead Agency's certified Environmental Impact Report and Initial Study, took related CEQA actions, and adopted a resolution for the 117th Fringe Area Annexation concurrently to Eastern Municipal Water District and Metropolitan, as set forth in Agenda Item 7-7 board letter.

Director Morris moved, seconded by Director Camacho, that the Board approve the Consent Calendar Items 6A, 6B, 7-1 through 7-7.

The following Director(s) asked questions or made comments:

Director(s)

1. Kurtz
2. DeJesus
3. Garza

The General Manager and staff responded to the Directors' comments and questions.

Chair Ortega called for a vote to approve the Consent Calendar Items 6A, 6B, 7-1 through 7-7.



The following is a record of the vote:

Record of Vote on Consent Item(s):	6A, 6B, and 7-1 through 7-7								
Member Agency	Total Votes	Director	Present	Yes	Yes Vote	No	No Vote	Abstain	Abstain Vote
Anaheim	6306	Faessel	x	x	6306				
Beverly Hills	4677	Pressman	x	x	4677				
Burbank	3330	Ramos	x	x	3330				
Calleguas Municipal Water District	13627	McMillan	x	x	13627				
Central Basin Municipal Water District	20265	Garza	x	x	20265				
		Crawford							
			Subtotal:		20265				
Compton	678	McCoy	x	x	678				
Eastern Municipal Water District	13623	Armstrong	x	x	13623				
Foothill Municipal Water District	2543	Bryant	x	x	2543				
Fullerton	2766	Jung	x	x	2766				
Glendale	4165	Kassakhian	x	x	4165				
Inland Empire Utilities Agency	17103	Camacho	x	x	17103				
Las Virgenes	3224	Lewitt	x	x	3224				
Long Beach	6805	Cordero	x	x	6805				
Los Angeles	83835	Sutley	x	x	27945				
		Petersen							
		Quinn	x	x	27945				
		Luna							
		Douglas	x	x	27945				
			Subtotal:		83835				
Municipal Water Dist. of Orange County	68102	Ackerman	x	x	17026				
		Seckel	x	x	17026				
		Dick	x	x	17026				
		Erdman	x	x	17026				
			Subtotal:		68102				
Pasadena	4042	Kurtz	x	x	4042				
San Diego County Water Authority	70158	Fong-Sakai	x	x	23386				
		Goldberg	x	x	23386				
		Miller	x	x	23386				
		Katz							
			Subtotal:		70158				
San Fernando	274	Ortega	x	x	274				
San Marino	836	Morris	x	x	836				
Santa Ana	3569	Phan	x	x	3569				
Santa Monica	5055	Gold	x	x	5055				
Three Valleys Municipal Water District	9019	De Jesus	x	x	9019				
Torrance	3781	Lefevre	x	x	3781				
Upper San Gabriel Valley Mun. Wat. Dist.	14079	Fellow	x	x	14079				
West Basin Municipal Water District	28764	Alvarez	x	x	28764				
		Gray							
			Subtotal:		28764				
Western Municipal Water District	15689	Dennstedt	x	x	15689				
<b>Total</b>	<b>406315</b>				<b>406315</b>				
<b>Present and not voting</b>									
<b>Absent</b>	<b>0</b>								

The motion to approve the Consent Calendar Items 6A, 6B, 7-1 through 7-7 (**M.I. No. 53965 through 53974**) passed by a vote of 406,315 ayes; 0 noes; 0 abstain; 0 not voting; and 0 absent.

Director Ackerman stated during the vote that she was alone.

Chair Ortega called on Directors who would request to vote on Board Items 8-1, 8-2, or 8-3 separately or discuss Board Items 8-2 or 8-3 in closed session.

Chair Ortega requested if there are any changes and reports from the Committee Chairs on the recommendation from the Committee.

Committee Chair Quinn announced Board Item 8-1 changes reflected below.

Committee Vice Chair Dick announced Board Item 8-2 changes reflected below.

**53975** Authorize the General Manager to execute transfers, exchanges, and other State Water Project management transactions during 2025 and 2026 and grant final decision-making authority to the General Manager subject to the terms set forth in this letter with the understanding that 1) such transactions will only be pursued under conditions when Metropolitan projects adding to or spilling stored supplies accessible by the State Water Project -dependent areas; 2) staff will monitor, evaluate, and report on the efficacy and impacts of this program as it progresses; and 3) an Ad Hoc Committee will be established to provide ongoing oversight and review of this program (Board Item 8-1).

**53976** Authorize the execution of lease amendments with existing tenants, D&L Farms, Inc., Dinelli Farms, and Sierra Cattle Company, to extend the term up to two years for Dinelli Farms, Sierra Cattle, and provide D&L Farms with up to a one-year, move-out period while adjusting the rent for all three tenants, thereby allowing the existing tenants to continue farming on Metropolitan's fee-owned property in the Sacramento-San Joaquin Delta, subject to the price and terms direction given in closed session and with temporary tenant replacement and land preservation procedures in the event of tenant default or surrender of land (Board Item 8-2).

**53977** Authorize an increase in the maximum amount payable under the contract for legal services in Ryan Tiegs v. Metropolitan Water District of Southern California with Seyfarth Shaw LLP in the amount of \$300,000 for a total amount not to exceed \$825,00 (Board Item 8-3).

Director Sutley moved, seconded by Director Dick, that the Board approve the Board Items 8-1, 8-2, and 8-3 as follows:

Chair Ortega called for a vote on to approve Board Items 8-1, 8-2, and 8-3, as stated.

The following is a record of the vote:

<b>Record of Vote on Item:</b>	<b>8-1, 8-2, and 8-3</b>								
<b>Member Agency</b>	<b>Total Votes</b>	<b>Director</b>	<b>Present</b>	<b>Yes</b>	<b>Yes Vote</b>	<b>No</b>	<b>No Vote</b>	<b>Abstain</b>	<b>Abstain Vote</b>
Anaheim	6306	Faessel	x	x	6306				
Beverly Hills	4677	Pressman	x	x	4677				
Burbank	3330	Ramos	x	x	3330				
Calleguas Municipal Water District	13627	McMillan	x	x	13627				
Central Basin Municipal Water District	20265	Garza	x	x	20265				
		Crawford							
			Subtotal:		20265				
Compton	678	McCoy	x	x	678				
Eastern Municipal Water District	13623	Armstrong	x	x	13623				
Foothill Municipal Water District	2543	Bryant	x	x	2543				
Fullerton	2766	Jung	x	x	2766				
Glendale	4165	Kassakhian	x	x	4165				
Inland Empire Utilities Agency	17103	Camacho	x	x	17103				
Las Virgenes	3224	Lewitt	x	x	3224				
Long Beach	6805	Cordero	x	x	6805				
Los Angeles	83835	Sutley	x	x	27945				
		Petersen							
		Quinn	x	x	27945				
		Luna							
		Douglas	x	x	27945				
			Subtotal:		83835				
Municipal Water Dist. of Orange County	68102	Ackerman	x	x	17026				
		Seckel	x	x	17026				
		Dick	x	x	17026				
		Erdman	x	x	17026				
			Subtotal:		68102				
Pasadena	4042	Kurtz	x	x	4042				
San Diego County Water Authority	70158	Fong-Sakai	x	x	23386				
		Goldberg	x	x	23386				
		Miller	x	x	23386				
		Katz							
			Subtotal:		70158				
San Fernando	274	Ortega	x	x	274				
San Marino	836	Morris	x	x	836				
Santa Ana	3569	Phan	x	x	3569				
Santa Monica	5055	Gold	x	x	5055				
Three Valleys Municipal Water District	9019	De Jesus	x	x	9019				
Torrance	3781	Lefevre	x	x	3781				
Upper San Gabriel Valley Mun. Wat. Dist.	14079	Fellow	x	x	14079				
West Basin Municipal Water District	28764	Alvarez	x	x	28764				
		Gray							
			Subtotal:		28764				
Western Municipal Water District	15689	Dennstedt	x	x	15689				
<b>Total</b>	<b>406315</b>				<b>406315</b>				
<b>Present and not voting</b>									
<b>Absent</b>	<b>0</b>								

The motion to approve the Board Items 8-1, 8-2, and 8-3 (**M.I. No. 53975 through 53977**) passed by a vote of 406,315 ayes; 0 noes; 0 abstain; 0 not voting; and 0 absent.

Director Ackerman stated during the vote that she was alone.

**53978** Chair Ortega asked if there were questions or need for discussion on Board Information Items 9-1, 9-2 or 9-3. No requests were made.

**53979** Chair Ortega announced we do not have any other matters.

**53980** Chair Ortega asked if there were any Follow-Up Items. No requests were made.


**53981** Chair Ortega asked if there were any Future Agenda Items. No requests were made.

The following Director(s) asked questions or made comments:

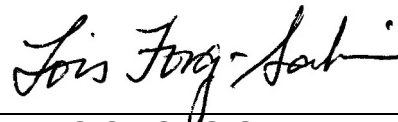
Director(s)

1. Fellow

**53982** There being no objection, the meeting was adjourned in remembrance of Ralph Ramirez and San Diego Director Mel Katz's mother, Beatrice Katz. The meeting was adjourned at 2:50 p.m.



**ADÁN ORTEGA, JR.**  
**CHAIR OF THE BOARD**



**LOIS FONG-SAKAI**  
**BOARD SECRETARY**

**MINUTES**  
**MEETING OF THE**  
**BOARD OF DIRECTORS**  
**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**  
**March 11, 2025**

**53983** The Board of Directors of The Metropolitan Water District of Southern California met in on Tuesday, March 11, 2025.

Chair Ortega called the teleconference meeting to order at 12:16 p.m.

**53984** The Meeting was opened with an invocation by Director Brenda Dennstedt, Western Municipal Water District of Riverside County.

**53985** The Pledge of Allegiance was given by Director Jacque McMillan, Calleguas Municipal Water District.

**53986** Board Secretary Fong-Sakai administered the roll call. Those responding present were: Directors Ackerman, Alvarez, Armstrong, Bryant, Camacho, Cordero (teleconference posted location available for the public), Crawford, De Jesus, Dennstedt, Dick, Douglas, Erdman (teleconference posted location available for the public), Faessel, Fellow, Fong-Sakai, Garza, Gold, Goldberg, Jung (teleconference posted location available for the public), Kassakhian, Katz, Kurtz, Lefevre (teleconference posted location available for the public), Lewitt, Luna, McCoy, McMillan, Miller, Morris, Ortega, Pressman, Ramos, and Seckel.

Those not responding were: Directors Gray, Petersen, Phan, Quinn, and Sutley.

Board Secretary Fong-Sakai declared a quorum present.

**53987** Chair Ortega invited members of the public to address the Board on matters within the Board's jurisdiction (in-person and via teleconference).

	Name	Affiliation	Comment
1.	Alan Shanahan	Metropolitan Employee AFSCME Local 1902	Info Tech Contract and Workforce Development
2.	Brett Barbre	Yorba Linda Water District	Item 7-1
3.	Jeff Froehlich	Metropolitan Employee	Safety/Workforce Development
4.	John Medoza	Pomona resident	Climate Change
5.	Quinn Connor	Metropolitan Employee	Safety/Workforce Development
6.	Anthony Ortega	Metropolitan Employee	Safety/Workforce Development

Chair Ortega addressed the following: Other Matters and Reports.

**53988** Chair Ortega asked if there were any corrections to the report of events attended by Directors at Metropolitan's expense during the month of February, as previously posted and distributed to the Board. None were made.

**53989** Chair Ortega referred to the Chair's monthly report, which was previously posted and distributed to the Board. In addition, the month of March is Women's History Month, and March 8 is International Women's Day. In partnership with Metropolitan's employee resource groups, Women at Metropolitan and the Society of Women Engineers will highlight on social media how they both helped support and foster a more inclusive workplace environment for women in water. March is also Persian Heritage Month, with Nowruz, the beginning of the New Year, on March 21<sup>st</sup>. Metropolitan plans to celebrate the Persian and Iranian communities' rich cultural and historical contributions. Lastly, on March 31<sup>st</sup> is Cesar Chavez Day; Metropolitan will highlight the Labor Leader's contributions and legacy. Chair Ortega asked if there are any questions. None were made.

**53990** General Manager Upadhyay acknowledged Women's History Month and reported on the shutdown. In addition, it highlights Metropolitan employees retiring Lori Lalla, Sue Sims, and Gary Syfers.

**53991** General Counsel Scully stated she had nothing to add to her written report.

**53992** General Auditor Suzuki, in addition to his written report, the first audit committee is on March 25<sup>th</sup>.

**53993** Ethics Officer Salinas stated he had nothing to add to the written report.

**53994** Presentation of commendation to Eduardo Rosado Lux Bus Company. Eduardo Rosado made remarks. (Agenda Item 5G)

**53995** Presentation of 35-year service pin to Director John Morris, City of San Marino. Director Morris made remarks. (Agenda Item 5H)

Chair Ortega announced the agenda will be taken out of order. Item 6C will be heard first.

**53996** Nomination and Election of nonofficer members of the Executive Committee for two-year term effective March 11, 2025: Cynthia Kurtz, Carl E. Douglas, and Karl W. Seckel. (Agenda Item 6C)

Motion by Bryant, second by Camacho to elect Director Kurtz, Director Douglas, and Director Seckel as nonofficer members.

Chair Ortega called for a vote to approve the Consent Calendar Item 6C.

The following is a record of the vote:

Record of Vote on Item:		6C							
Member Agency	Total Votes	Director	Present	Yes	Yes Vote	No	No Vote	Abstain	Abstain Vote
Anaheim	6306	Faessel	x	x	6306				
Beverly Hills	4677	Pressman	x	x	4677				
Burbank	3330	Ramos	x	x	3330				
Calleguas Municipal Water District	13627	McMillan	x	x	13627				
Central Basin Municipal Water District	20265	Garza	x	x	10133				
		Crawford	x	x	10133				
			Subtotal:		20265				
Compton	678	McCoy	x	x	678				
Eastern Municipal Water District	13623	Armstrong	x	x	13623				
Foothill Municipal Water District	2543	Bryant	x	x	2543				
Fullerton	2766	Jung							
Glendale	4165	Kassakhian	x	x	4165				
Inland Empire Utilities Agency	17103	Camacho	x	x	17103				
Las Virgenes	3224	Lewitt	x	x	3224				
Long Beach	6805	Cordero	x	x	6805				
Los Angeles	83835	Sutley							
		Petersen							
		Quinn							
		Luna	x	x	41918				
		Douglas	x	x	41918				
			Subtotal:		83835				
Municipal Water Dist. of Orange County	68102	Ackerman	x	x	17026				
		Seckel	x	x	17026				
		Dick	x	x	17026				
		Erdman	x	x	17026				
			Subtotal:		68102				
Pasadena	4042	Kurtz	x	x	4042				
San Diego County Water Authority	70158	Fong-Sakai	x	x	17540				
		Goldberg	x	x	17540				
		Miller	x	x	17540				
		Katz	x	x	17540				
			Subtotal:		70158				
San Fernando	274	Ortega	x	x	274				
San Marino	836	Morris	x	x	836				
Santa Ana	3569	Phan							
Santa Monica	5055	Gold	x	x	5055				
Three Valleys Municipal Water District	9019	De Jesus	x	x	9019				
Torrance	3781	Lefevre	x	x	3781				
Upper San Gabriel Valley Mun. Wat.	14079	Fellow	x	x	14079				
West Basin Municipal Water District	28764	Alvarez	x	x	28764				
		Gray							
			Subtotal:		28764				
Western Municipal Water District	15689	Dennstedt	x	x	15689				
<b>Total</b>	<b>406315</b>				<b>399980</b>				
<b>Present and not voting</b>									
<b>Absent</b>	<b>6335</b>								

The motion to approve the Consent Calendar Item 6C (**M.I. No. 53996**) passed by a vote of 399,980 ayes; 0 noes; 0 abstain; 0 not voting; and 6,335 absent.



**53997** Chair Ortega asked the Directors if there were any comments or discussions on the Approval of the Minutes of the Special Joint Executive Committee and Board of Directors meeting for January 21, 23, and 29, 2025 (Agenda Item 6A). None were made.

**53998** Approve Resolution confirming Director Jacque McMillan for Association of California Water Agencies Region 8 Board Member. (Agenda Item 6B).

**53999** Approve and appoint Committee Assignments. In addition to the committee assignment sent to the directors the following was added:

Ad Hoc Committee on Ag and Tribal Partnerships: Jeffrey D. Armstrong, as a member

Legal and Claims Committee and Legislation and Communications Committee: Michael Camacho, as a member

Organization, Personnel, and Effectiveness: Nancy Sutley, as a member

Director Katz appointed to the Subcommittee on Imported Water: Mark Gold, D. Env., Chair; Linda Ackerman, Vice Chair, Desi Alvarez, Jeffrey D. Armstrong, Michael Camacho, Gloria Cordero, David D. De Jesus, Juan Garza, Cynthia Kurtz, Jay Lewitt, Miguel Angel Luna, Jacque McMillan, and Marty Miller as members.

Director Miller appointed to the Subcommittee on Long-Term Regional Planning Processes and Business Modeling: Matt S. Petersen, Chair, Karl W. Seckel, Vice Chair, Desi Alvarez, Dennis Erdman, Stephen J. Faessel, Anthony R. Fellow, Lois Fong-Sakai, Mark Gold, D. Env., Jacque McMillan, Tracy Quinn, and Nancy Sutley as members. (Agenda Item 6D)

Chair Ortega asked if there were any questions on the committee appointments. No comments were made.

Chair Ortega called on Directors who are requesting that any items be pulled from the Consent Calendar Action Items and to state any recusals, abstentions, and disclosures.

Director McMillan disclosed on Item 7-4 that she receives per diem reimbursements and other benefits from Calleguas for service on the Board, and she will not vote on the item, which is an agreement between Metropolitan and Calleguas.

Director Faessel disclosed on Item 7-6 that he previously received salary and benefits from the City of Anaheim for his service with the city which ended on December 10, 2024. He no longer receives any salary or any other benefits, and he may participate on this item.

Director Dick disclosed that Item 7-8 involves authorizing an agreement with Verizon. He currently owns Verizon stock. Therefore, he will recuse from all participation on this item.

Director Miller disclosed that Item 7-8 involves authorizing an agreement with Verizon. He currently owns Verizon stock. Therefore, he will recuse from all participation on this item.

### Consent Calendar Items- Action

**54000** Award a \$407,740.66 procurement contract to Ireland Inc. dba Core Rosion Products to furnish two 15,000-sodium hypochlorite tanks for the Copper Basin Reservoir, as set forth in Agenda Item 7-1 board letter.

**53401** Award a \$321,575 procurement contract to Integrated 8a Solutions Inc. to furnish two 24-inch diameter gate valves; and a \$2,151,947 contract to Bailey Valve to furnish two 24-inch diameter sleeve valves for the Hollywood Tunnel pressure control structure, as set forth in Agenda Item 7-2 board letter.

**53402** Authorize the General Manager to enter into an agreement with Palo Verde Irrigation District to jointly fund community investment in Palo Verde Irrigation District's service area, as set forth in Agenda Item 7-4 board letter.

**53403** Authorized the General Manager to enter into a Stormwater for Recharge Pilot Program agreement with the City of Anaheim with a maximum amount of up to \$980,000 for the State College Stormwater Tank Project, as set forth in Agenda Item 7-6 board letter.

**53404** Authorized the General Manager to forbear water conserved by two Coachella Valley Water District projects, thus allowing the conserved water to be added to Lake Mead under the U.S. Bureau of Reclamation's Lower Colorado River Basin System Conservation and Efficiency Program, as set forth in Agenda Item 7-7 board letter.

**53405** Reviewed and considered the County of Riverside negative declaration and authorized the General Manager to execute a new ground license agreement with Verizon Wireless for up to 25 years for a new telecommunication site on Metropolitan's fee-owned property in the unincorporated community of Winchester, identified as County of Riverside Assessor Parcel Number 964-030-005, as set forth in Agenda Item 7-8 board letter.

**53406** Reviewed and considered the County of Riverside Final Environmental Impact Report certified by the Lead Agency, adopted the Lead Agency's findings, and authorized the General Manager to execute a thirty-year license agreement with Intersect Power, LLC for renewable energy infrastructure purposes on Metropolitan fee-owned property in the County of Riverside and identified as Assessor Parcel Numbers 808-023-022 and 808-023-030, as set forth in Agenda Item 7-9 board letter.

**53407** Authorized the General Counsel to increase the amount payable under its contract with Hanson Bridgett LLP by \$100,000 to an amount not-to-exceed \$600,000, as set forth in Agenda Item 7-11 board letter.

**53408** Approved amendments to the Metropolitan Water District Administrative Code to modify the structure and duties of various committees and the roles of specified board and committee officers, as set forth in Agenda Item 7-12 board letter.

Director Camacho moved, seconded by Director Garza, that the Board approve the Consent Calendar Items 6A, 6B, 6D, 7-1, 7-2, 7-4, 7-6 through 7-9, 7-11, and 7-12.

The following Director(s) asked questions or made comments:

Director(s)

1. Pressman

Chair Ortega called for a vote to approve the Consent Calendar Items 6A, 6B, 6D, 7-1, 7-2, 7-4, 7-6 through 7-9, and 7-11, and 7-12.

The following is a record of the vote:

Record of Vote on Consent Item(s):	Items: 6A, 6B, 6D, and 7-1, 7-2, 7-4, 7-6 THRU 7-9, 7-11, AND 7-12								
Member Agency	Total Votes	Director	Present	Yes	Yes Vote	No	No Vote	Abstain	Abstain Vote
Anaheim	6306	Faessel	x	x	6306				
Beverly Hills	4677	Pressman	x	x	4677				
Burbank	3330	Ramos	x	x	3330				
Calleguas Municipal Water District	13627	McMillan	x	x	13627				
Central Basin Municipal Water District	20265	Garza	x	x	10133				
		Crawford	x	x	10133				
			Subtotal:		20265				
Compton	678	McCoy	x	x	678				
Eastern Municipal Water District	13623	Armstrong	x	x	13623				
Foothill Municipal Water District	2543	Bryant	x	x	2543				
Fullerton	2766	Jung							
Glendale	4165	Kassakhian	x	x	4165				
Inland Empire Utilities Agency	17103	Camacho	x	x	17103				
Las Virgenes	3224	Lewitt	x	x	3224				
Long Beach	6805	Cordero	x	x	6805				
Los Angeles	83835	Sutley							
		Petersen							
		Quinn							
		Luna	x	x	41918				
		Douglas	x	x	41918				
			Subtotal:		83835				
Municipal Water Dist. of Orange County	68102	Ackerman	x	x	17026				
		Seckel	x	x	17026				
		Dick	x	x	17026				
		Erdman	x	x	17026				
			Subtotal:		68102				
Pasadena	4042	Kurtz	x	x	4042				
San Diego County Water Authority	70158	Fong-Sakai	x	x	17540				
		Goldberg	x	x	17540				
		Miller	x	x	17540				
		Katz	x	x	17540				
			Subtotal:		70158				
San Fernando	274	Ortega	x	x	274				
San Marino	836	Morris	x	x	836				
Santa Ana	3569	Phan							
Santa Monica	5055	Gold	x	x	5055				
Three Valleys Municipal Water District	9019	De Jesus	x	x	9019				
Torrance	3781	Lefevre	x	x	3781				
Upper San Gabriel Valley Mun. Wat. Dist.	14079	Fellow	x	x	14079				
West Basin Municipal Water District	28764	Alvarez	x	x	28764				
		Gray							
			Subtotal:		28764				
Western Municipal Water District	15689	Dennstedt	x	x	15689				
<b>Total</b>	<b>406315</b>				<b>399980</b>				
<b>Present and not voting</b>									
<b>Absent</b>	<b>6335</b>								

The motion to approve the Consent Calendar Items 6A, 6B, 6D, 7-1, 7-2, 7-4 7-6 through 7-9, 7-11, and 7-12 (**M.I. No. 53997 through 53408**) passed by a vote of 399,980 ayes; 0 noes; 0 abstain; 0 not voting; and 6,335 absent.

\*Director McMillian did not vote on Item 7-4. The motion to approve the Consent Calendar Item 7-4 passed by a vote of 386,353 ayes; 0 noes; 0 abstain; 13,627 not voting; and 6,335 absent.

\*Director Dick and Miller recused on Item 7-8. The motion to approve the Consent Calendar Item 7-8 passed by a vote of 399,980 ayes; 0 noes; 0 abstain; 0 not voting; and 6,335 absent.

**53409** Authorize an increase in the maximum amount payable under a contract with Richardson & Company LLP for auditing services related to State Water Project charges from \$5,125,000 to an amount not to exceed \$8,900,000 and extend the term by three years to March 31, 2028 (Board Item 8-1).

Director Katz moved, seconded by Director Morris, that the Board approve the Board Item 8-1.

Chair Ortega called for a vote to approve the Board Item 8-1.

The following is a record of the vote:

Record of Vote on Item: 8-1									
Member Agency	Total Votes	Director	Present	Yes	Yes Vote	No	No Vote	Abstain	Abstain Vote
Anaheim	6306	Faessel	x	x	6306				
Beverly Hills	4677	Pressman	x	x	4677				
Burbank	3330	Ramos	x	x	3330				
Calleguas Municipal Water District	13627	McMillan	x	x	13627				
Central Basin Municipal Water District	20265	Garza	x	x	10133				
		Crawford	x	x	10133				
			Subtotal:		20265				
Compton	678	McCoy	x	x	678				
Eastern Municipal Water District	13623	Armstrong	x	x	13623				
Foothill Municipal Water District	2543	Bryant	x	x	2543				
Fullerton	2766	Jung							
Glendale	4165	Kassakhian	x	x	4165				
Inland Empire Utilities Agency	17103	Camacho	x	x	17103				
Las Virgenes	3224	Lewitt	x	x	3224				
Long Beach	6805	Cordero							
Los Angeles	83835	Sutley							
		Petersen							
		Quinn							
		Luna	x	x	41918				
		Douglas	x	x	41918				
			Subtotal:		83835				
Municipal Water Dist. of Orange County	68102	Ackerman	x	x	17026				
		Seckel	x	x	17026				
		Dick	x	x	17026				
		Erdman	x	x	17026				
			Subtotal:		68102				
Pasadena	4042	Kurtz	x	x	4042				
San Diego County Water Authority	70158	Fong-Sakai	x	x	17540				
		Goldberg	x	x	17540				
		Miller	x	x	17540				
		Katz	x	x	17540				
			Subtotal:		70158				
San Fernando	274	Ortega	x	x	274				
San Marino	836	Morris	x	x	836				
Santa Ana	3569	Phan							
Santa Monica	5055	Gold	x	x	5055				
Three Valleys Municipal Water District	9019	De Jesus	x	x	9019				
Torrance	3781	Lefevre	x	x	3781				
Upper San Gabriel Valley Mun. Wat. Dist.	14079	Fellow	x	x	14079				
West Basin Municipal Water District	28764	Alvarez	x	x	28764				
		Gray							
			Subtotal:		28764				
Western Municipal Water District	15689	Dennstedt	x	x	15689				
<b>Total</b>	<b>406315</b>				<b>393175</b>				
<b>Present and not voting</b>									
<b>Absent</b>	<b>13140</b>								

The motion to approve the Consent Calendar Item 8-1 (**M.I. No. 53409**) passed by a vote of 393,175 ayes; 0 noes; 0 abstain; 0 not voting; and 13,140 absent.

**53410** Approve an employment contract with Mr. Deven N. Upadhyay as General Manager, containing the terms and conditions set forth herein; and authorize retroactive payment of the approved salary to January 29, 2025 (Board Item 8-2).

Director Morris moved, seconded by Director Bryant, that the Board approve the Board Item 8-2.

The following Director(s) asked questions or made comments:

Director(s)

1. Pressman
2. Dick
3. Lewitt

Chair Ortega called for a vote to approve the Board Item 8-2.



The following is a record of the vote:

Record of Vote on Item:		8-2							
Member Agency	Total Votes	Director	Present	Yes	Yes Vote	No	No Vote	Abstain	Abstain Vote
Anaheim	6306	Faessel	x	x	6306				
Beverly Hills	4677	Pressman	x	x	4677				
Burbank	3330	Ramos	x	x	3330				
Calleguas Municipal Water District	13627	McMillan	x	x	13627				
Central Basin Municipal Water District	20265	Garza	x	x	10133				
		Crawford	x	x	10133				
			Subtotal:		20265				
Compton	678	McCoy	x	x	678				
Eastern Municipal Water District	13623	Armstrong	x	x	13623				
Foothill Municipal Water District	2543	Bryant	x	x	2543				
Fullerton	2766	Jung							
Glendale	4165	Kassakhian	x	x	4165				
Inland Empire Utilities Agency	17103	Camacho	x	x	17103				
Las Virgenes	3224	Lewitt	x	x	3224				
Long Beach	6805	Cordero							
Los Angeles	83835	Sutley							
		Petersen							
		Quinn							
		Luna	x	x	41918				
		Douglas	x	x	41918				
			Subtotal:		83835				
Municipal Water Dist. of Orange County	68102	Ackerman	x	x	17026				
		Seckel	x	x	17026				
		Dick	x	x	17026				
		Erdman	x	x	17026				
			Subtotal:		68102				
Pasadena	4042	Kurtz	x	x	4042				
San Diego County Water Authority	70158	Fong-Sakai	x	x	17540				
		Goldberg	x	x	17540				
		Miller	x	x	17540				
		Katz	x	x	17540				
			Subtotal:		70158				
San Fernando	274	Ortega	x	x	274				
San Marino	836	Morris	x	x	836				
Santa Ana	3569	Phan							
Santa Monica	5055	Gold	x	x	5055				
Three Valleys Municipal Water District	9019	De Jesus	x	x	9019				
Torrance	3781	Lefevre	x	x	3781				
Upper San Gabriel Valley Mun. Wat. Dist.	14079	Fellow	x	x	14079				
West Basin Municipal Water District	28764	Alvarez	x	x	28764				
		Gray							
			Subtotal:		28764				
Western Municipal Water District	15689	Dennstedt	x	x	15689				
<b>Total</b>	<b>406315</b>				<b>393175</b>				
<b>Present and not voting</b>									
<b>Absent</b>	<b>13140</b>								

The motion to approve the Consent Calendar Item 8-2 (**M.I. No. 53410**) passed by a vote of 393,175 ayes; 0 noes; 0 abstain; 0 not voting; and 13,140 absent.

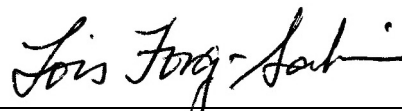
**53411** Chair Ortega asked if there were questions or need for discussion on Board Information Item 9-1. No requests were made.

**53412** Chair Ortega asked if there were questions or need for discussion on Board Information Items 10a or 10. No requests were made.

**53413** Chair Ortega asked if there were any Follow-Up Items. No requests were made.

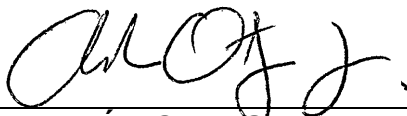
**53414** Chair Ortega asked if there were any Future Agenda Items. No requests were made.

**53415** There being no objection, the meeting was adjourned at 11:31 a.m. 1:33 p.m.



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**LOIS FONG-SAKAI**  
**BOARD SECRETARY**



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**ADÁN ORTEGA, JR.**  
**CHAIR OF THE BOARD**



- **Board of Directors**  
***Engineering, Operations, and Technology Committee***

4/8/2025 Board Meeting

7-1

## Subject

Authorize an increase to a professional services agreement with Grid Subject Matter Experts, LLC for a new not-to-exceed total amount of \$1.245 million for electric transmission planning and North American Electric Reliability Corporation-related electric reliability compliance services; the General Manager has determined the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

On January 3, 2024, Metropolitan entered into a sole source agreement for professional services with Grid Subject Matter Experts, LLC (GridSME) to perform work related to electric transmission planning and North American Electric Reliability Corporation (NERC) reliability compliance assessments. During the second half of 2024, Metropolitan received an unexpected influx of requests for affected system studies and a request from a generator developer to connect a project directly to the Colorado River Aqueduct transmission system (CRATS). Staff is relying on the expertise of GridSME to perform technical analysis in support of these requests, which will exhaust the current authorized amount of \$245,000. This agreement extension will ensure sufficient capacity and duration in the agreement to complete the current study request queue in a timely manner. Expenditures for services provided by GridSME for affected system studies and the direct connection to CRATS will be reimbursed by the parties that have requested affected system studies or a direct connection to the CRATS.

This action authorizes an increase to an existing agreement (Agreement No. 218061) with GridSME for electric transmission planning and NERC-related electric reliability compliance services.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Authorize an increase of \$1.0 million to a professional services agreement with GridSME for a new not-to-exceed total amount of \$1.245 million for electric transmission planning and NERC-related electric reliability compliance services.

**Fiscal Impact:** No immediate fiscal impact

**Business Analysis:** Approving the proposed amendment will ensure sufficient capacity and duration in the agreement to complete the current generator interconnection study request queue in a timely manner.

#### Option #2

Do not authorize the increase to Agreement No. 218061.

**Fiscal Impact:** No immediate fiscal impact

**Business Analysis:** The current authorized amount is insufficient to complete the current study queue. Not approving the extension will delay the completion of the study work.

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## Alternatives Considered

Staff is preparing a Request for Proposals (RFP) for supplemental transmission planning services for board review and approval in 2025; however, the timeline to complete the RFP and obtain the requisite approvals will delay the timely completion of the affected system and generation interconnection request studies.

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## Applicable Policy

Metropolitan Water District Administrative Code Section 8121: General Authority of the General Manager to Enter Contracts

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

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## Related Board Action(s)/Future Action(s)

Staff will present the results of the RFP for transmission planning services for consideration at a later board meeting.

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## California Environmental Quality Act (CEQA)

### CEQA determination for Option #1:

The proposed action is not defined as a project under CEQA because it will not result in a direct physical change in the environment or a reasonably foreseeable indirect physical change. (State CEQA Guidelines Section 15378(a).) In addition, the proposed action is not defined as a project under CEQA because it involves organizational, maintenance, or administrative activities; personnel-related actions; and/or general policy and procedure making that will not result in direct or indirect physical changes in the environment. (Public Resources Code Section 21065; State CEQA Guidelines Section 15378(b)(2) and (5)). Finally, the proposed action is not defined as a project under CEQA because it involves the creation of government funding mechanisms or other government fiscal activities that do not involve any commitment to any specific project that may result in a potentially significant physical impact on the environment. (State CEQA Guidelines Section 15378(b)(4).).

### CEQA determination for Option #2:

None required.

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## Details and Background

### Background

Metropolitan owns a 230,000-volt transmission system that provides power to its Colorado River Aqueduct (CRA) pumps. Metropolitan also has long-term contracts for energy from the Hoover and Parker Dams, which is transmitted to the CRA pumps over Metropolitan's transmission lines. Southern California Edison (SCE) provided Metropolitan with energy and transmission operating (TOP) services under a 1987 Service and Interchange Agreement. SCE decided not to renew this agreement in 2017 due to market changes, and following a search for a new service provider, the Board authorized the successor agreements with the Arizona Electric Power Cooperative.

In 2023, due to changes in the electric market, staff was directed to determine feasible alternatives to contracting for transmission operating services, including building and staffing a dedicated control center. GridSME, a consultant specializing in electric reliability compliance and electric transmission planning headquartered in Folsom, California, was selected for this task due to their work on a similar study for Metropolitan in 2017 and previous knowledge of our unique system and operating philosophy. Metropolitan entered into a sole source agreement with GridSME for this purpose in January 2024 with a maximum value of \$120,000.

In early 2024, Metropolitan received a request for an affected system study from generation developer CDH Vidal. An affected system study is requested by a generator developer who wishes to connect their project to the grid to determine the impact of that generator on adjacent systems. These studies are highly technical in nature and assess a proposed generation project's impacts on the transmission system across several dimensions (steady-state thermal loading, steady-state, transient, and post-transient voltage stability impacts, and so forth). These

studies are critical to ensure that a generation project does not have an adverse impact on Metropolitan's transmission system or water operations and to protect Metropolitan against incurring costs to mitigate any negative impacts through operational procedures or physical system improvements. The timelines of these studies are critical to protect Metropolitan's interests and to support the broader state and national policies promoting renewable energy development and robust electrical energy markets.

These studies are also highly time sensitive from the point of view of the interconnecting generation customer. If there are significant impacts that require mitigation, the generation customers require this information to ensure the viability of their project and secure the necessary financing. Delays in the completion of the study work will impact the implementation of California's energy policy and potentially harm the viability of these generation projects.

Affected system studies are paid for by the generation developer. The developer signs a study agreement and makes a study deposit, typically on the order of \$50,000 to \$250,000, from which the actual study costs are deducted. Any residual funds are returned to the developer once the study is completed.

Due to limited staffing availability, and GridSME's expertise and immediate availability, GridSME was engaged to assist with the technical analysis. To reflect this additional demand, the GridSME agreement was increased to \$180,000 in May 2024.

During the second half of 2024, Metropolitan received an unexpected influx of seven additional affected system study requests from generators interconnecting to the California ISO (CAISO) and Western Area Power Administration systems, as well as a request to connect directly to the CRATS. Due to the complexities of the affected system study requests, ongoing resource constraints, and the time criticality of the work involved, staff elected to consolidate the affected system study requests into a single comprehensive cluster study. GridSME is currently the primary technical resource engaged with this cluster study; to reflect this additional demand, the GridSME contract was extended to the current authorized amount of \$245,000 in August 2024. However, significant additional work is required to meet the study queue in a timely manner; therefore, it is requested to extend the authorized agreement by \$1.0 million to a new authorized amount of \$1.245 million to accommodate the remaining work as well as any additional requests that are received in 2025.

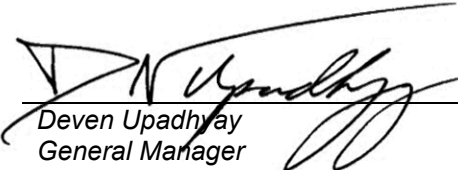
Staff is currently preparing and executing an RFP for supplemental transmission planning professional services; however, this RFP will be available for board review and approval no earlier than the second or third quarter of 2025. Therefore, staff recommends increasing the current agreement with GridSME to ensure continuity in the ongoing study process and to complete this work in a timely manner.

Affected system study requests and generator interconnection requests are funded by customer deposits; therefore, the majority of the costs of these studies will be recovered and will have minimal budget impact.

**Proposed Amendments to the GridSME Agreement**

Amendment to Agreement No. 218061 will extend the agreement with Grid Subject Matter Experts, LLC (GridSME) to December 31, 2029, and increase the authorized amount by \$1.0 million to a new not-to-exceed limit of \$1.245 million.

  
\_\_\_\_\_  
Keith Nobriga  
Group Manager, Integrated Operations  
Planning & Support Services  
3/25/2025  
Date

  
\_\_\_\_\_  
Deven Upadhyay  
General Manager  
3/25/2025  
Date

Ref# wso12698324



Engineering, Operations, & Technology Committee

# Professional Services Agreement for Transmission Planning Services

Item 7-1

April 7, 2025



# Item 7-1

## Professional Services Agreement for Transmission Planning Services

### Subject

Authorize an increase to a professional services agreement with Grid Subject Matter Experts, LLC for a new not-to-exceed total amount of \$1.245 million for electric transmission planning and North American Electric Reliability Corporation-related electric reliability compliance services

### Purpose

Provides information relevant to the Board for approval of an increase and extension to an existing agreement for transmission planning services

### Recommendation and Fiscal Impact

Authorize extension of agreement for transmission planning services in support of third-party affected system study requests

Fiscal impact - None

### Budgeted

# Professional Services Agreement for Transmission Planning Services



## Background

- Metropolitan has received multiple requests from third-party generation developers for system impact studies
  - Seven affected system study requests
  - One interconnection request
  - Additional requests are pending
- These studies identify potential impacts to Metropolitan's transmission and water operations, are highly technical in nature, and are time sensitive
- Critical to meeting regulatory obligations and protecting Metropolitan's energy and water operations

# Professional Services Agreement for Transmission Planning Services



## Background

- The interconnection customer is responsible for the costs of the study, and makes a deposit to offset Metropolitan's expenses at the time of application
  - Study deposits range from \$50k to \$250k
- Metropolitan does not have sufficient staff to manage the queue of study requests and perform the necessary technical analysis
- Staff will rely heavily on industry consultants to perform the technical analysis and develop mitigations and cost estimates

# Professional Services Agreement for Transmission Planning Services



## Alternatives Considered

- RFP for transmission planning consulting services
  - Current RFP timeline will result in delay of the ongoing study work with impacts to requesting development companies
- Rely on Metropolitan staff resources
  - Not supported by current staffing levels
- Selected Alternative – Extend current professional services agreement
  - Allows timely completion of work

## Professional Services Agreement for Transmission Planning Services



## Extend current professional services agreement

- Metropolitan has an on-call professional services agreement with GridSME for transmission planning and electric compliance services
- GridSME has performed similar studies for Metropolitan under the current agreement, and has already started work on the current study queue
- This action will allow Metropolitan to see the current work through to completion and meet customer expectations
- An RFP is in process for additional transmission planning professional services
  - Submit for board review estimated Q2-Q3 2025



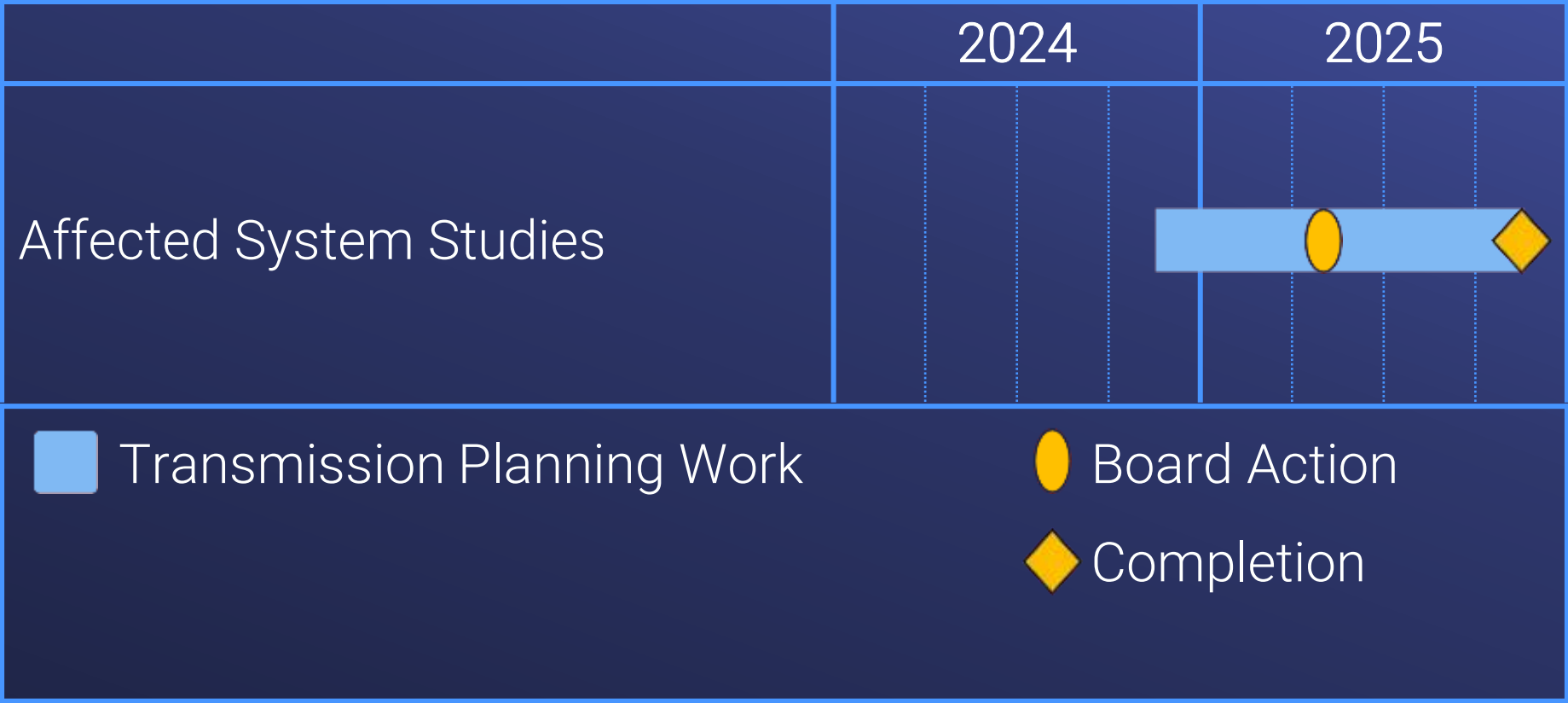
# Professional Services Agreement for Transmission Planning Services



## Affected System Study - Scope of Work

- Transmission Planning Consultant
  - Perform technical analysis to identify system impacts
  - Develop operational and physical improvement mitigations
  - Develop project scope and cost estimates for physical improvements
- Metropolitan Staff
  - Manage interconnection queue, study agreements, and study deposits
  - Set technical study parameters and review consultant work product
  - Track study-related costs for reimbursement
  - Develop Capital Improvement Projects (CIP) as necessary

# Project Schedule





# Board Options

- Option #1  
Authorize an increase to a professional services agreement with Grid Subject Matter Experts, LLC for a new not-to-exceed total amount of \$1.245 million for electric transmission planning and North American Electric Reliability Corporation-related electric reliability compliance services
- Option #2  
Do not authorize the increase

# Staff Recommendation

- Option #1





- **Board of Directors**  
***Engineering, Operations, and Technology Committee***

4/8/2025 Board Meeting

7-2

## Subject

Authorize an agreement with Red8 in an amount not to exceed \$850,000 for the implementation of the Data Storage Infrastructure Refresh project; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

The digital storage system is a critical information technology component used by over 200 Metropolitan applications and systems, including all critical applications such as Supervisory Control and Data Acquisition and Oracle Financial System. Six hundred and sixty-seven terabytes out of 1,187 terabytes (TB), or 56 percent of total digital storage, will go out of manufacturer support in July 2025. The network switches supporting these systems will also need to be upgraded.

This project will eliminate the risks associated with an unsupported digital storage system, such as the lack of cybersecurity patches for emerging cyber threats and no hardware failure support. Additionally, it will provide the necessary storage for future data growth at Metropolitan.

Red8 will provide 790 terabytes of Dell's new digital storage system called PowerStore-5200. This equipment is not expected to go out of support for at least five years. Red8 will also upgrade the necessary network switches and provide installation/implementation services.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Authorize an agreement with Red8 in an amount not to exceed \$850,000 for the implementation of the Data Storage Infrastructure Refresh project.

**Fiscal Impact:** Expenditures of \$850,000 in capital funds for FY 2024-2026

**Business Analysis:** It will replace an existing Dell storage component that is reaching end-of-life with new Dell storage. Additionally, the project will enhance the total storage capacity of Metropolitan's IT systems to accommodate future data growth.

#### Option #2

Do not proceed with the storage infrastructure refresh project.

**Fiscal Impact:** \$0

**Business Analysis:** It will leave Metropolitan with part of our storage infrastructure unsupported, significantly increasing maintenance and support issues for business-critical applications. Additionally, there will be no storage available for future data growth for all applications.

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**Alternatives Considered**

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Option #2

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**Applicable Policy**

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Metropolitan Water District Administrative Code Section 5108: Appropriations.

Metropolitan Water District Administrative Code Section 8121: General Authority of the General Manager to Enter Contracts.

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities.

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**Related Board Action(s)/Future Action(s)**

---

Not applicable

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**Summary of Outreach Completed**

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Not applicable

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**California Environmental Quality Act (CEQA)**

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**CEQA determination(s) for Option #1:**

The proposed action is exempt from CEQA because there is no potential for the activity in question to have a significant effect on the environment. (State CEQA Guidelines Section 15061(b)(3)).

**CEQA determination(s) for Option #2 :**

None required

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**Details and Background**

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**Background**

At Metropolitan, a component of the digital data storage pool is reaching end-of-life in July 2025, after which the manufacturer (Dell) will no longer provide support. This component of Metropolitan's information technology system needs to be replaced. Additionally, staff recommends adding more storage to its current storage pool at this time to accommodate data growth across all applications. This project will mitigate the risks associated with unsupported hardware while also providing the necessary storage capacity for future data growth at Metropolitan.

Metropolitan initiated the procurement for the storage hardware and installation/implementation services under Metropolitan Administrative Code Section 8140(1)(l), which allows Metropolitan to "piggyback" (i.e., gain access to) contracts established by other public agencies that substantially follow Metropolitan's own competitive procurement process. As the lead agency in 2023, the State of Minnesota, acting through its Commissioner of Administration (State), signed a contract with Dell Technologies through a competitive process to provide Computer Equipment, Peripherals & Related Services. Currently, 32 states, including California, participate in this cooperative purchasing program, known as the National Association of State Procurement Officials (NASPO). Dell offers NASPO ValuePoint Computer Equipment, Peripherals & Related Services under Master Contract Number 23026. Metropolitan utilized the Dell NASPO contract to obtain discounts for storage hardware and deployment/implementation services through a quote from Dell through its preferred partner, Red8, authorized to Dell by NASPO Master Contract Number 23026.

This action authorizes \$850,000 for the implementation of the Data Storage Infrastructure Refresh project (790 terabytes). The total project budget includes funds for awarding a new contract with Red8 for \$838,000 for 790 TB of storage and network switches and \$12,000 for installation and implantation services. Other costs included are \$36,500 for internal labor costs by Metropolitan staff, including owner costs and project management, and \$98,500 in contingency funds.

This project has been evaluated and recommended by Metropolitan's Capital Investment Plan Evaluation Team, and funds are available within the fiscal year 2024/25 capital expenditure plan. See **Attachment 1** for the Financial Statement.

***Project Milestone(s)***


Project kickoff and planning – May 2025

Complete storage deployment and verification – End of July 2025

Complete storage configuration – End of September 2025

  
\_\_\_\_\_  
Charlie Eckstrom  
Group Manager, Information Technology

3/28/2025  
Date

  
\_\_\_\_\_  
Deven Upadhyay  
Interim General Manager

3/28/2025  
Date

**Attachment 1 – Financial Statement**

Ref# it12700698

**Allocated Funds for Data Storage Infrastructure Refresh**

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	<b>Current Board Action (Apr. 2025)</b>
Labor	
Studies & Investigations	\$ -
Final Design	-
Owner Costs (Program mgmt.)	36,500
Submittals Review & Record Drwgs	-
Construction Inspection & Support	-
Metropolitan Force Construction	-
Materials & Supplies	838,000
Incidental Expenses	-
Professional/Technical Services	12,000
Equipment Use	-
Contracts	-
Remaining Budget	98,500
<b>Total</b>	<b>\$ 985,000</b>





Engineering, Operations and Technology  
Committee

# Storage Infrastructure Refresh Project

Item 7-2  
April 7, 2025

## Item 7-2

### Authorize an agreement with Red8

#### Subject

Authorize an agreement with Red8 in an amount not to exceed \$850,000 for the implementation of the Data Storage Infrastructure Refresh project.

#### Purpose

Replace end-of-life data storage equipment and switches.

#### Recommendation and Fiscal Impact

Authorize an agreement with Red8 in an amount not to exceed \$850,000 for the implementation of the Data Storage Infrastructure Refresh project.

**Fiscal Impact:** Expenditures of \$850,000 in capital funds for FY 24/25 and 25/26 are planned and budgeted.

The action is budgeted.

## Background & Reasons for Replacement

- Digital storage is used by all Metropolitan applications, such as SCADA, Oracle EBS, PeopleSoft, and Business Intelligence Reporting, among other critical applications
- The total capacity of the digital storage system is currently 1,187 TB. Out of it, 667 TB (56%) of this digital storage is going out of manufacturer support in July 2025
- New storage provides better processing speed which will help improve the overall performance of systems during business hours
- Accommodate future data growth across all business applications
- New storage infrastructure has additional monitoring, alerting, and up-to-date cyber security functions

## Solicitation Process & Vendor Selection

- Utilizing Dell NASPO Master Agreement 23026, Red8 was selected and is a preferred partner of Dell Technologies
- Red8 has expertise in installing and configuring Dell storage solutions both in public and private organizations

# Agreement Scope

- Install and configure 790 Terabytes of new Dell's digital storage system (PowerStore-5200)
- Upgrade network switches that will be used by new PowerStore-5200 storage

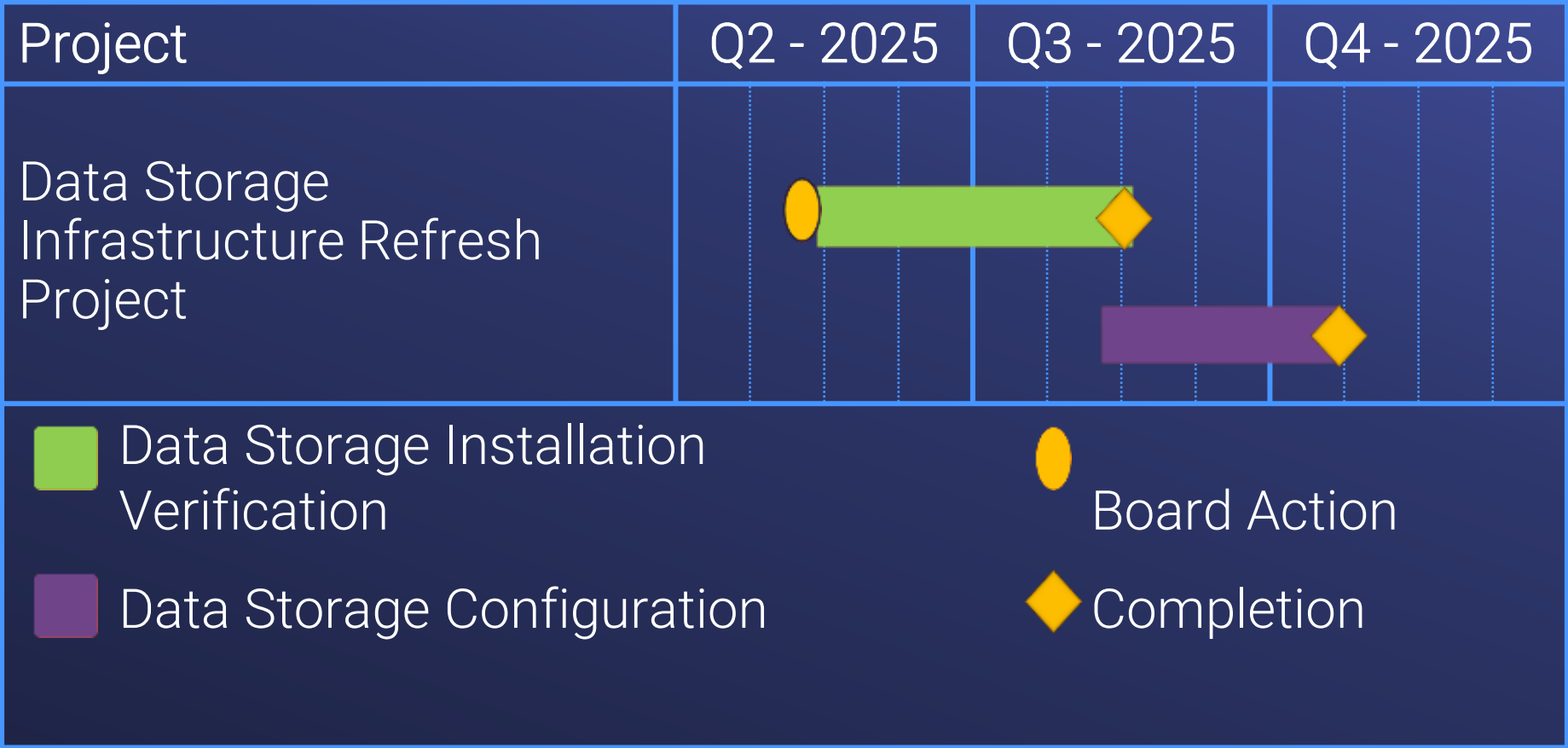
# Project Cost

## Data Storage Infrastructure Refresh Project

Vendor - Red8	\$ 850,000.00
Metropolitan Staff	\$ 50,000.00
Contingency	\$ 85,000.00

Total \$ 985,000

# Project Schedule





# Board Options

## Option #1

- Authorize an agreement with Red8 in an amount not to exceed \$850,000 for the implementation of the Data Storage Infrastructure Refresh project

## Option #2

- Do not proceed with the Storage infrastructure refresh project.
- Impact: It will leave Metropolitan with part of the storage infrastructure unsupported, which will significantly increase maintenance and support issues for business-critical applications. No storage will be available for future data growth for all applications.

# Staff Recommendation

- Option #1





- **Board of Directors**  
***Engineering, Operations, and Technology Committee***

4/8/2025 Board Meeting

7-3

## Subject

Authorize an agreement with Metal Toad Media Inc. for a new fixed cost of \$299,000 per year with a not-to-exceed amount of \$996,200 for the duration of the three-year agreement to host, manage, and maintain Metropolitan's external websites; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

Metropolitan's external websites have been hosted and maintained by the Managed Service Provider (MSP) that was selected for the website redesign project, which was approved in 2019. This action would authorize Metropolitan to enter into an agreement with Metal Toad Media Inc. Metal Toad Media Inc. will serve as the MSP for Metropolitan's four external websites; providing support and maintenance for three years at a not-to-exceed amount of \$996,200. Metal Toad Media Inc. was selected through a competitive Request for Proposal process due to their qualifications and staff expertise on the specific technology used for the external websites, as well as the increased breadth of support activities provided.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Authorize an agreement with Metal Toad Media Inc. for a new fixed cost of \$299,000 per year with a not-to-exceed amount of \$996,200 for the duration of the three-year agreement to host, manage, and maintain Metropolitan's external websites.

**Fiscal Impact:** Expenditures of \$598,000 in operations and maintenance funds for FY 2024/25 and FY 2025/26 are planned and budgeted. The remaining \$299,000 will be budgeted in the future in FY 2026/27.

**Business Analysis:** Ensure continued support and functionality of Metropolitan's external websites, with improvements that optimize and further secure these sites. This will reduce hosting costs over time and improve our cybersecurity posture.

#### Option #2

Do not proceed with the project at this time.

**Fiscal Impact:** Pay the full \$245,000 for the current calendar year agreement with the existing provider, plus any additional costs associated with changes or upgrades. Significant exposure to additional ad hoc support costs; existing agreement covers fewer activities in its fixed scope than Option #1.

**Business Analysis:** Agreement with the current provider will continue, which will perpetuate ongoing support challenges and delay progress on optimizations and feature enhancements, as well as require an agreement renegotiation at an undetermined price later this year.

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## Alternatives Considered

Information Technology has considered migrating the external websites to a Microsoft Azure cloud tenant that is managed by IT staff. Limited staff availability, new technical skills required, and unknown cost implications were justifications to avoid this alternative at this time.

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## Applicable Policy

Metropolitan Water District Administrative Code Section 5108: Appropriations

Metropolitan Water District Administrative Code Section 8121: General Authority of the General Manager to Enter Contracts

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

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## Related Board Action(s)/Future Action(s)

By Minute Item 51557, dated April 9, 2019, the Board authorized a \$1,500,000 agreement with Sensis Inc. to redesign the mwdh2o.com website and implement a Content Management System, as set forth in Agenda Item 7-2 board letter.

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## Summary of Outreach Completed

Not applicable

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## California Environmental Quality Act (CEQA)

### CEQA determination for Option #1:

The proposed action is exempt from CEQA because there is no potential for the activity in question to have a significant effect on the environment. (State CEQA Guidelines Section 15061(b)(3)).

### CEQA determination for Option #2:

None required

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## Background

One of the most effective tools for Metropolitan to communicate with the public and provide access to information is through external-facing websites. These sites allow Metropolitan to disseminate information on water issues in its service area with member agencies, local officials, media, educators, and the general public.

For any business or public agency, a consistently available, well-optimized, and modern website is essential to inspire confidence from visitors and is often the first impression people have when interacting with the organization. The mwdh2o.com redesign project, approved in 2019, modernized the technology used by Metropolitan's websites and introduced the Umbraco Content Management System to improve the efficiency of website management.

Metropolitan's current agreement for maintenance and hosting of public-facing websites expires in December 2025. After internal discussion, it was decided that a search for a new MSP to handle the public-facing websites was necessary in order to improve support and evaluate existing technology for optimization and cost savings opportunities. The four external Metropolitan websites being managed by this service provider are: mwdh2o.com, bewaterwise.com, mwdinnovates.com, and socialwaterdialogue.org.

After a competitive RFP process, the evaluation committee has selected Metal Toad Media Inc. as the preferred service provider. Metal Toad Media Inc. demonstrated the best qualifications both in the firm's completed projects and in the experience of individual staff in the technology stack. In addition to the ongoing maintenance of the existing external websites, services will include an architecture review, cloud computing optimization, an increased threshold for support tasks included in the fixed cost, and no additional cost for upgrades to the Umbraco Content Management System. The new agreement is for fixed-cost services of \$299,000 per year which includes professional services for maintenance of the websites and hosting costs. This cost is budgeted in the

Information Technology group budget for FY 2024/25 and FY 2025/26, and will be budgeted in the future for FY 2026/27.

An amount of \$97,200 has been allocated under this contract for additional services beyond what is included in the fixed costs. These services may include the development of new features, migrations to new or emerging technology, redesign efforts that go beyond basic in-scope changes, and other enhancement requests that fall outside the scope of the fixed-cost services.

  
\_\_\_\_\_  
Charlie Eckstrom  
Group Manager, Information Technology

3/25/2025

Date

  
\_\_\_\_\_  
Deven Upadhyay  
General Manager

3/25/2025

Date

Ref# it12700189



Engineering & Operations Committee

# Authorize Agreement with Metal Toad Media, Inc.

Item 7-3

April 7, 2025



# Item 7-3 Approval of Maintenance Contract for External Websites

## Subject

Authorize an agreement with Metal Toad Media, Inc. for a new fixed cost of \$299,000 per year with a not-to-exceed amount of \$996,200 for the duration of the three-year agreement to host, manage, and maintain Metropolitan's external websites

## Purpose

Since the completion of the mwdh2o.com redesign project, Metropolitan's external websites have been managed by an external provider. After a competitive RFP search, Metropolitan staff identified Metal Toad Media, Inc. as the most qualified provider to support and maintain MWD's external websites moving forward.

## Recommendation and Fiscal Impact

Authorize an agreement with Metal Toad Media, Inc. for a new fixed cost of \$299,000 per year with a not-to-exceed amount of \$996,200 for the duration of the three-year agreement.

**Fiscal Impact:** Expenditures of \$598,000 in operations and maintenance funds for FY 24/25 and 25/26 are planned and budgeted. The remaining \$299,000 will be budgeted in the future in FY 26/27

## External Website Support

### Background

- External affairs and IT support four public-facing websites for Metropolitan
  - mwdh2o.com, bewaterwise.com, mwdinnovates.com, socalwaterdialogue.org
- In 2019, the board approved a \$1,500,000 website redesign to modernize mwdh2o.com
- This project also included back-end and cloud infrastructure upgrades for all public-facing sites

## External Website Support

### Background

- Since this upgrade effort, the Metropolitan external websites have been hosted and administered by a Managed Service Provider (MSP)
- Because of uptime requirements, staff availability, specialized skillsets, and cybersecurity considerations, continuing with an MSP is recommended

## External Website Support

### Vendor Selection

- RFP 1377 was issued on August 29, 2024 and four qualified firms submitted proposals that were evaluated by the committee
- Metal Toad Media, Inc. was selected as the winner of the competitive RFP process due to their staff qualifications, technical expertise, and breadth of included support activities
- This solicitation met the 25% SBE/DVBE participation goal

# Board Options

## Option #1

- Authorize an agreement with Metal Toad Media, Inc. for a new fixed cost of \$299,000 per year with a not-to-exceed amount of \$996,200 for the duration of the three-year agreement to host, manage, and maintain Metropolitan's external websites.

## Option #2

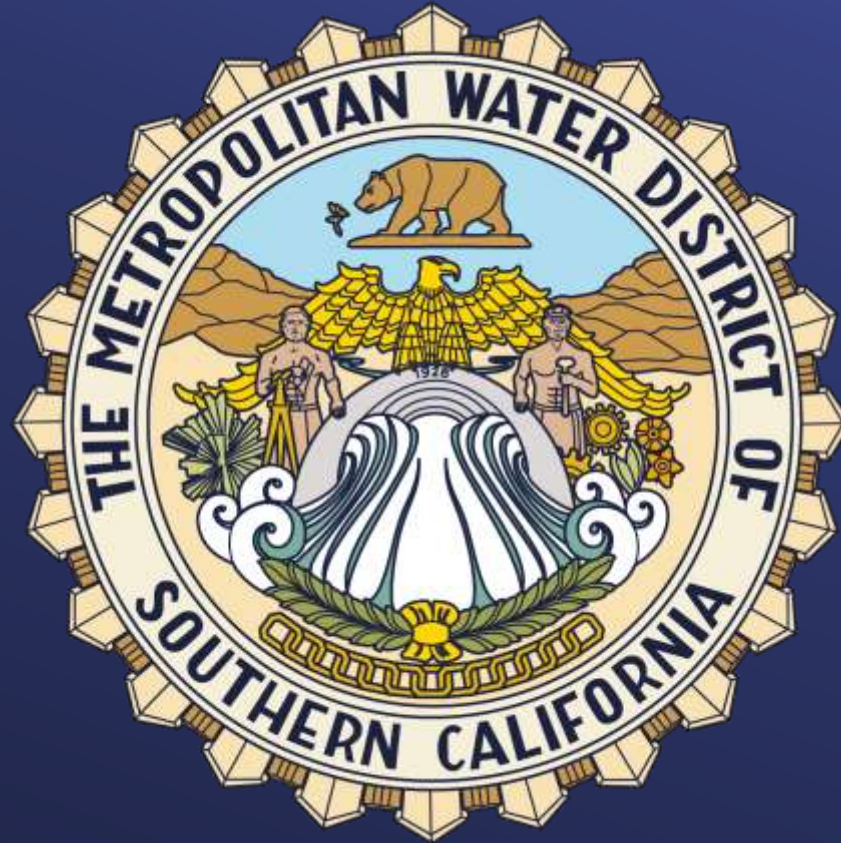
- Do nothing at this time.

## Impact:

- This would perpetuate ongoing support and upgrade challenges
- Face potentially significant out-of-budget expenses for support not covered in the fixed cost agreement

# Staff Recommendation

- Option #1







- **Board of Directors**  
***Engineering, Operations, and Technology Committee***

4/8/2025 Board Meeting

7-4

## Subject

Authorize an increase of \$3.3 million to an existing agreement with Stantec Consulting Services Inc. for a new not-to-exceed total amount of \$4.99 million for final design of a mechanical dewatering facility at the Joseph Jensen Water Treatment Plant; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

Metropolitan currently uses four lagoons on the grounds of the Los Angeles Department of Water and Power (LADWP) for solids processing and handling at the Joseph Jensen Treatment Plant (Jensen plant). Settled solids collected from the Jensen plant's sedimentation basins are thickened on-site and pumped through a solids-transfer system to LADWP lagoons. At the lagoons, the residual materials are dried and then transported for off-site disposal. Through an existing agreement with LADWP, Metropolitan has exclusive use of two lagoons through 2062, and the remaining two lagoons will revert back to LADWP by December 2033. A future mechanical dewatering facility is needed to meet the Jensen plant's long-term solids handling needs. Preliminary design of the new mechanical dewatering facility has been completed, and staff recommends proceeding with final design.

This action authorizes an increase to an existing agreement with Stantec Consulting Services Inc. (Stantec) for final design of the mechanical dewatering facility at the Jensen plant. See **Attachment 1** for the Allocation of Funds, **Attachment 2** for the List of Subconsultants, and **Attachment 3** for the Location Map.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Authorize an increase of \$3.3 million to an existing agreement with Stantec Consulting Services Inc. for a new not-to-exceed total amount of \$4.99 million for final design of a mechanical dewatering facility at the Jensen plant.

**Fiscal Impact:** Expenditure of \$5.4 million in capital funds. Approximately \$3.5 million in capital funds will be incurred in the current biennium and have been previously authorized. The remaining capital expenditures will be funded from the next capital investment plan budget.

**Business Analysis:** This option will improve the reliability of the Jensen plant's solids handling process, maintain treated water quality, and enhance operational flexibility.

#### Option #2

Do not proceed with the project at this time.

**Fiscal Impact:** None

**Business Analysis:** Staff would continue to use LADWP lagoons to process residual solids under the current use agreement. Since two of the lagoons must be returned in December 2033, staff would return to the Board with an alternative approach to address the needs of the Jensen plant's solids handling.

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## Alternatives Considered

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Upon completion of preliminary design for the Jensen mechanical dewatering facility, staff reassessed the availability and capability of in-house Metropolitan staff to conduct final design, considering: (1) current work assignments for in-house staff to determine the potential availability of staff to conduct this work; and (2) specialized technical expertise needs.

After assessing the current workload for in-house staff, the relative priority of this project, and the specialized technical expertise required, staff recommends continuing the use of both a professional services agreement and in-house staff to perform final design of the subject project. This approach will allow for the completion of this program and other capital work within their current schedule and ensure the work is conducted in the most efficient manner possible.

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## Applicable Policy

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Metropolitan Water District Administrative Code Section 8121: General Authority of the General Manager to Enter Contracts

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

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## Related Board Action(s)/Future Action(s)

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By Minute Item 49271, dated December 11, 2012, the Board authorized an agreement with LADWP for Metropolitan use of solids lagoons at the Aqueduct Filtration Plant.

By Minute Item 53247, dated May 9, 2023, the Board authorized an amendment to the use agreement with LADWP to forego construction of two new lagoons on LADWP's property and to extend the date of use of two solids lagoons and an amendment to an existing professional services agreement for preliminary design of a mechanical dewatering facility at the Jensen plant.

By Minute Item 53598, dated April 9, 2024, the Board appropriated a total of \$630 million for projects identified in the Capital Investment Plan for Fiscal Years 2024/25 and 2025/26.

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## California Environmental Quality Act (CEQA)

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### CEQA determination for Option #1:

The proposed action is exempt from CEQA because it consists of basic data collection, research, experimental management, and resource evaluation activities that do not result in a serious or major disturbance to an environmental resource. These may be strictly for information-gathering purposes or as part of a study leading to an action that a public agency has not yet approved, adopted, or funded. (State CEQA Guidelines Section 15306.)

### CEQA determination for Option #2:

None required

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## Details and Background

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### Background

The Jensen plant was placed into service in 1972 and has a rated capacity of 750 million gallons per day. Located in Granada Hills, the Jensen plant normally treats water from the West Branch of the State Water Project and delivers it to Metropolitan's Central Pool and to exclusive service areas on the west side of the distribution system.

In February 2013, Metropolitan and LADWP entered into a use agreement that allowed Metropolitan to use four lagoons on the site of LADWP's Aqueduct Filtration Plant for solids dewatering. The term of use was ten years for Lagoons 2 and 3 and 50 years for Lagoons 7 and 8. In conjunction with a future mechanical dewatering facility at the Jensen plant, this agreement met Metropolitan's long-term solids handling needs while allowing a local youth sports organization to maintain its current ballfield location on the grounds of the Jensen plant.

Residual chemicals and settled solids collected from the Jensen plant's sedimentation basins are currently thickened on-site and pumped through a solids-transfer system to the four LADWP lagoons. They are then transported for off-site disposal once they have dried.

In May 2023, Metropolitan's Board authorized: (1) an amendment to the agreement with LADWP to extend Metropolitan's use of Lagoons Nos. 2 and 3 until construction of a mechanical dewatering facility is complete or until December 31, 2033, whichever occurs first, and (2) an amendment to an existing agreement to provide engineering services for preliminary design of the mechanical dewatering facility at the Jensen plant. This mechanical dewatering facility would allow the plant to manage solids without reliance on Lagoons 2 and 3. Lagoons 2 and 3 would be returned to LADWP use once the dewatering facility at the Jensen plant is operational. Under the current design approach, Metropolitan's continued use of Lagoons 7 and 8 would be limited to scenarios including concurrent high plant flow and peak turbidity conditions.

Preliminary design work was conducted as a hybrid effort of Metropolitan staff and a specialized consultant. Staff completed surveys of the proposed site, assessed existing infrastructure, and provided recommendations for site selection, truck haul routes, facility layout, and site preparation work. The consultant established design criteria, including equipment sizing, polymer requirements, and operational requirements during periods of high turbidity.

Preliminary design for the mechanical dewatering facility at the Jensen plant has been completed, and staff recommends proceeding with final design at this time.

#### **Jensen Solids Mechanical Dewatering Facility – Final Design**

Planned improvements for Jensen's residual solids processing include site preparation and construction of a mechanical dewatering facility and associated solids conveyance piping, chemical feed, and electrical and control systems.

Final design activities include: (1) preparation of drawings and specifications; (2) development of site ground improvement criteria and methodology; (3) constructability review; (4) development of an engineer's cost estimate; and (5) advertising and receiving competitive bids. These activities are planned to be conducted by both Metropolitan staff and Stantec under an existing agreement described below. The scope of work for Stantec includes final design for civil, structural, mechanical, and electrical disciplines. Metropolitan staff will perform final design for instrumentation design, environmental support, project management, technical oversight, and review of consultant work.

A total of \$5.4 million is required for this work. Allocated funds include \$3.3 million for the final design activities by Stantec described above. Other allocated funds for professional services include \$400,000 for geotechnical investigations and value engineering, which will be performed by specialty firms under contracts planned to be executed under the General Manager's authority. Allocated funds for Metropolitan staff activities include \$700,000 for design activities described above; \$550,000 for environmental support, project controls, and project management; and \$450,000 for remaining budget. **Attachment 1** provides the allocation of the required funds.

As described above, final design will be performed by Stantec and Metropolitan staff. Engineering Services' performance metric target range for final design of projects with a construction cost of more than \$3 million is 9 to 12 percent. For this project, the performance metric goal for final design is 10.0 percent of the total construction cost. The total estimated cost for design is \$4.0 million, which includes \$3.3 million for Stantec and \$700,000 for Metropolitan design activities. The estimated cost of construction of the Jensen mechanical dewatering facility is anticipated to range from \$40 million to \$55 million.

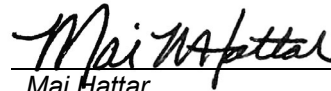
#### ***Engineering Services (Stantec Consulting Services Inc.) – Amendment of Existing Agreement***

In May 2023, Metropolitan's Board authorized an agreement with Stantec to complete preliminary design of the mechanical dewatering facility at the Jensen plant. Stantec was prequalified through Request for Qualification No. 1302 and was selected based on the firm's expertise in the design of large water/wastewater treatment plants with solids processing facilities. Preliminary design has been completed, and Stantec is now recommended to provide engineering services for final design as described above.

This action authorizes an increase of \$3.3 million to the existing agreement with Stantec Consulting Group Inc. for a new not-to-exceed total amount of \$4.99 million to perform the final design for the mechanical dewatering facility at the Jensen plant. For this agreement, Metropolitan has established a Small Business Enterprise participation level of 25 percent. Stantec has agreed to meet this level of participation. The subconsultants for this agreement are listed in **Attachment 2**.

***Project Milestone***

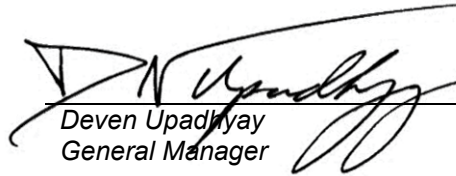
December 2026 – Completion of final design of the Jensen mechanical dewatering facility



Mai Hattar  
Interim Chief Engineer  
Engineering Services

3/24/2025

Date



Deven Upadhyay  
General Manager

3/24/2025

Date

**Attachment 1 – Allocation of Funds**

**Attachment 2 – List of Subconsultants**

**Attachment 3 – Location Map**

Ref# es12700704

### Allocation of Funds for Jensen Solids Mechanical Dewatering Facility

	<b>Current Board Action (Apr. 2025)</b>
Labor	
Studies & Investigations	\$ -
Final Design	700,000
Owner Costs (Program mgmt., envir. support)	550,000
Submittals Review & Record Drwgs.	-
Construction Inspection & Support	-
Metropolitan Force Construction	-
Materials & Supplies	-
Incidental Expenses	-
Professional/Technical Services	
Stantec Consulting Inc.	3,300,000
Geotechnical Investigations	300,000
Value Engineering	100,000
Right-of-Way	-
Equipment Use	-
Contracts	-
Remaining Budget	450,000
<b>Total</b>	<b>\$ 5,400,000</b>

The total amount expended to date to develop the mechanical dewatering facility at Jensen is approximately \$2.8 million. The total estimated cost to complete this project, including the amount appropriated to date, funds allocated for the work described in this action, and future construction costs, is anticipated to range from \$55 million to \$70 million.

**The Metropolitan Water District of Southern California**  
**Subconsultants for Agreement with Stantec Consulting Services Inc.**  
**Agreement No. 208770**

<b>Subconsultant and Location</b>	<b>Service Category; Specialty</b>
ProjectLine Technical Services Costa Mesa, CA	Mechanical and electrical design
Beyaz and Patel Inc. San Diego, CA	Structural design







Engineering, Operations, & Technology Committee

# Jensen Solids Mechanical Dewatering Facility

Item 7-4

April 7, 2025

## Item 7-4 Jensen Solids Mechanical Dewatering Facility

### Subject

Authorize an increase of \$3.3 million to an existing agreement with Stantec Consulting Services, Inc. for a new not-to-exceed total amount of \$4.99 million for final design of a mechanical dewatering facility at the Joseph Jensen Water Treatment Plant

### Purpose

Improve the reliability and flexibility of solids handling at the Jensen plant

### Recommendation and Fiscal Impact

Authorize an amendment to an existing agreement for final design of a mechanical dewatering facility at the Jensen plant

Fiscal Impact – \$5.4 Million

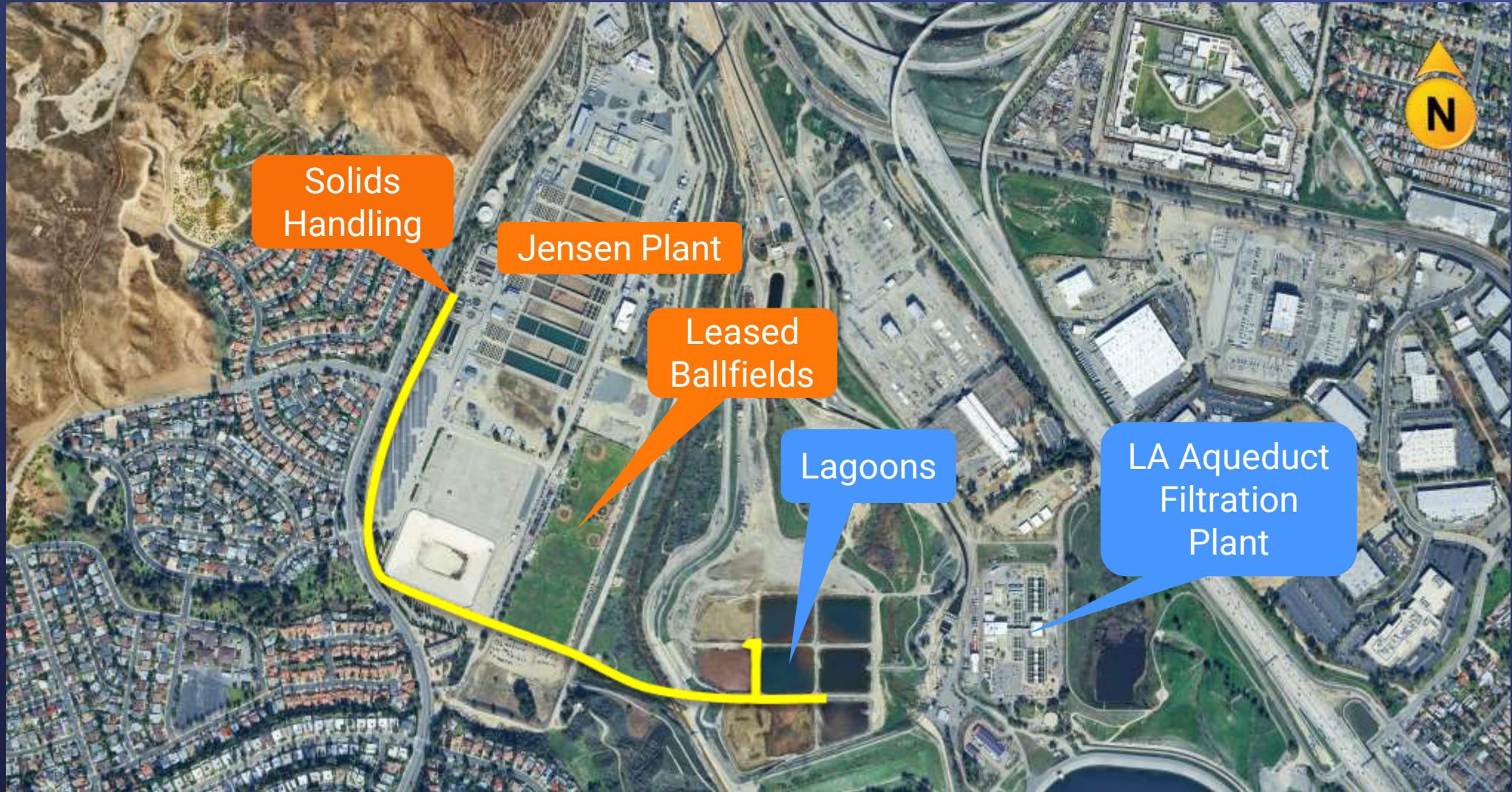
### Budgeted

# Location Map





# Current Solids Handling





# Current Use Agreements with Los Angeles

- Ballfields 50-year lease
- Lagoons 2 & 3: through 2033 or until dewatering facility is operational
  - Facility needed to meet the Jensen plant's long-term solids handling needs
- Lagoons 7 & 8: through 2062



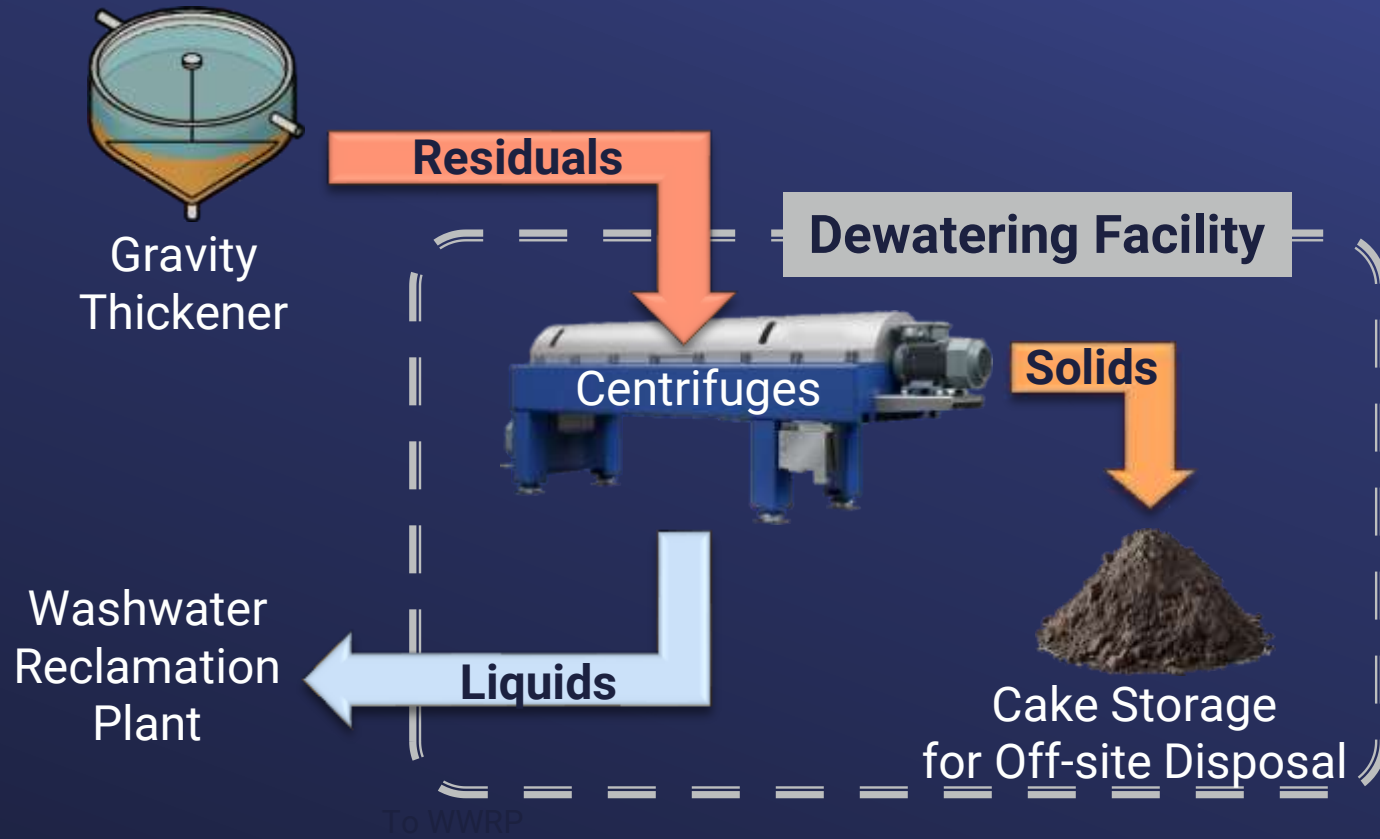
# Planned Improvements

- Mechanical dewatering facility
  - Centrifuges selected based on footprint & operational reliability
  - Facility to handle 99% of operational conditions
  - Use of Lagoons 7 & 8 limited to high plant flow & peak turbidity conditions
- Develop ground improvements for soil stabilization



Castaic Lake – January 2023

# Proposed Dewatering Facility



Process Flow Diagram for Mechanical Dewatering



Centrifuges at OC Sanitation District



Jensen  
Solids  
Mechanical  
Dewatering  
Facility

## Stantec Consulting Services Inc. – Agreement

- Competitively selected under RFP No. 1302 for design services
- Recommended amendment
  - Perform final design
    - Preparation of drawings & specifications
    - Construction cost estimate
- Amendment amount: \$3.3 M
  - New NTE amount: \$4.99 M
- SBE participation level: 25%

Jensen  
Solids  
Mechanical  
Dewatering  
Facility

## Alternatives Considered

- Considered Alternative – Metropolitan staff to complete all final design activities
  - Resource needs exceed staff availability, additional specialized expertise required
- Selected Alternative – Use both a professional services agreement to perform specialized portions of design & Metropolitan staff to perform instrumentation/control system design

Jensen  
Solids  
Mechanical  
Dewatering  
Facility

## Scope of Work – Metropolitan Staff

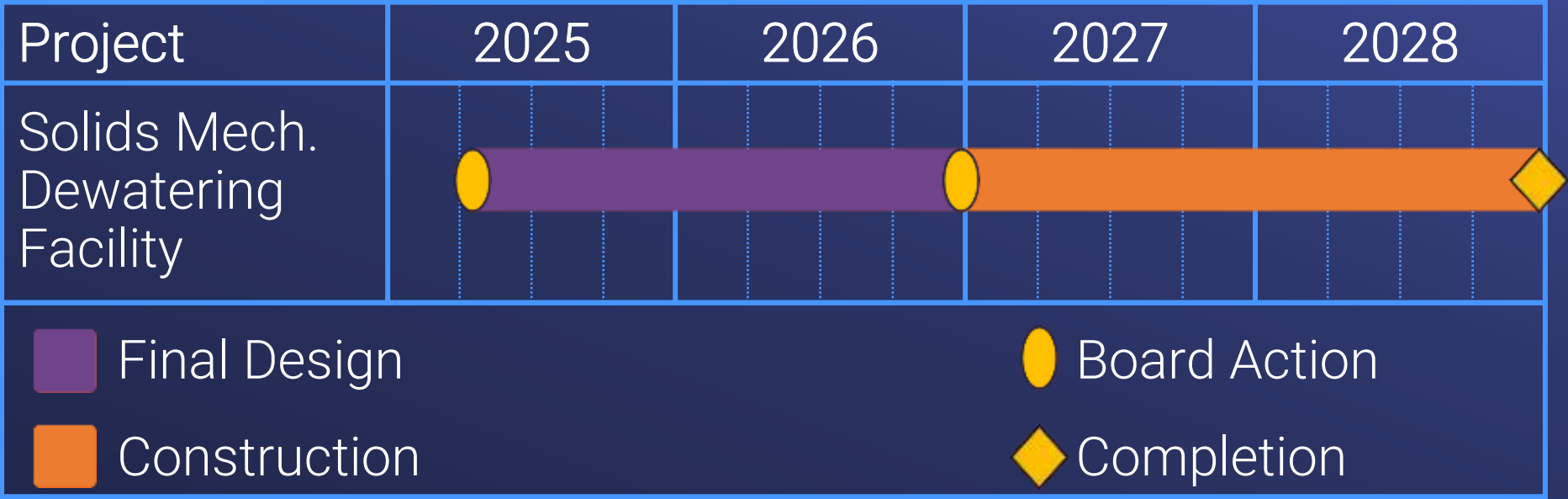
- Final design
  - Preparation of drawings & specifications
  - Technical oversight of consultant
- Environmental support
- Value engineering
- Project management
  - Agreement administration

# Allocation of Funds

## Jensen Solids Mechanical Dewatering

Metropolitan Labor	
Final Design	\$ 700,000
Owner Costs (Proj. Mgmt., Agrmt. Admin., Envir. Support)	550,000
Professional/Technical Services	
Stantec Consulting Services Inc.	3,300,000
Geotechnical Investigations & Value Engineering	400,000
Remaining Budget	450,000
<hr/>	
Total	\$ 5,400,000

# Project Schedule – Jensen Solids Mechanical Dewatering



# Board Options

- Option #1

Authorize an increase of \$3.3 million to an existing agreement with Stantec Consulting Services Inc. for a new not-to-exceed total amount of \$4.99 million for final design of a mechanical dewatering facility at the Jensen plant.

- Option #2

Do not proceed with the project at this time.

# Staff Recommendation

- Option #1







- **Board of Directors**  
***Engineering, Operations, and Technology Committee***

4/8/2025 Board Meeting

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7-5

## Subject

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Authorize an amendment to a reimbursable agreement with BH Luxury Residences LLC for the relocation of the Santa Monica Feeder within the city of Beverly Hills; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

---

This action authorizes the General Manager to amend an agreement with BH Luxury Residences LLC, substantially on the terms outlined in this letter, to relocate about 1,500 feet of the Santa Monica Feeder. In August 2023, a reimbursable agreement with BH Luxury Residences LLC was executed to relocate Metropolitan's Santa Monica Feeder pipeline. Since that time, Metropolitan's costs to support the project have increased beyond those that were originally envisioned. This agreement amendment will enable all costs incurred by Metropolitan for this relocation to be reimbursed by BH Luxury Residences LLC.

## Proposed Action(s)/Recommendation(s) and Options

---

### Staff Recommendation: Option #1

#### Option #1

Authorize an amendment to a reimbursable agreement with BH Luxury Residences LLC to provide design review and inspection-related activities for the relocation of the Santa Monica Feeder.

**Fiscal Impact:** None. All project costs will be fully reimbursable by BH Luxury Residences LLC.

**Business Analysis:** This option will maintain the reliability of treated water deliveries to member agencies.

#### Option #2

Do not authorize an amendment to a reimbursable agreement with BH Luxury Residences LLC.

**Fiscal Impact:** Unknown

**Business Analysis:** Without the amendment, Metropolitan may not be fully reimbursed for the cost of the relocation.

## Alternatives Considered

---

None

## Applicable Policy

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Metropolitan Water District Administrative Code Section 8122(c): General Manager's Contracting Authority in Specified Circumstances, Relocation Agreements

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

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**Related Board Action(s)/Future Action(s)**

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None

---

**California Environmental Quality Act (CEQA)**

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**CEQA determination for Option #1:**

The proposed action to provide design and inspection-related activities, including a review of the design drawings and specifications for the relocation of the Santa Monica Feeder, is not defined as a project under CEQA because it involves organizational, or administrative activities; and/or general policy and procedure making that will not result in direct or indirect physical changes in the environment. (Public Resources Code Section 21065; State CEQA Guidelines Section 15378(b)(2) and (5).) Also, the proposed action is exempt from CEQA because it consists of activities limited entirely to inspections, to check for performance of an operation, or quality, health, or safety of a project. (Section 15309 of the State CEQA Guidelines.)

**CEQA determination for Option #2:**

None required

---

**Details and Background**

---

**Background**

The Santa Monica Feeder was originally installed in 1941. The feeder distributes treated water to the cities of Glendale, Burbank, Los Angeles, Beverly Hills, and Santa Monica. The pipeline extends approximately 24 miles in a southwesterly direction, starting at the Eagle Rock Control Tower and terminates at the SMN-1 service connection in the city of Santa Monica. It varies in size from 28 inches to 84 inches in diameter.

In January 2020, BH Luxury Residences LLC notified Metropolitan of its intentions to develop a project site for mixed-use residential condominiums and retail as part of the One Beverly Hills Project. The project site is bounded by Wilshire Boulevard to the north, Merv Griffin Way to the east, Santa Monica Boulevard to the south, and the Los Angeles Country Club to the west. At that time, Metropolitan's Santa Monica Feeder traversed the property along Merv Griffin Way for 800 feet, adjacent to the existing Beverly Hilton Hotel and parking structure within the footprint of the proposed development. BH Luxury Residences LLC proposed to relocate this portion of the Santa Monica Feeder and provide Metropolitan with a new permanent easement.

In August 2023, a reimbursable agreement with BH Luxury Residences LLC was executed to relocate Metropolitan's Santa Monica Feeder pipeline. Metropolitan's scope included a technical review of the construction drawings and specifications for the relocation; preparation of easement documentation; performing submittal reviews and field inspections; conducting the pipeline shutdown; and preparation of the record drawings upon completion of construction. BH Luxury Residences LLC's scope included retaining a consultant to prepare the construction drawings and specifications for the relocation and a contractor to perform the construction activities for the relocation. The total reimbursable cost for Metropolitan's work was estimated to be \$490,000, which is within the General Manager's contracting authority.

In November 2024, a pipeline shutdown for the Santa Monica Feeder was performed to allow BH Luxury Residences LLC's contractor to complete the relocation by constructing the connections between the new pipeline and the existing pipeline. However, the work could not be completed due to an elevation discrepancy between the new and existing pipelines which was discovered during the construction process. The discrepancy was the result of the contractor laying the pipeline at a higher elevation than shown in the design drawings. New fabricated fittings were needed to bridge the distance between the new and existing pipelines. As a result, additional work by Metropolitan staff was incurred, including review of additional design drawings, submittals, and documentation for the revised construction plan; survey to verify the dimensions of the new fittings; conducting a second shutdown of the pipeline; furnishing equipment for new air release vacuum valve assemblies including two 8-inch plug valves. It also includes the installation and replacement of nuts, bolts, and gaskets at four accessways, as the contractor had installed nuts and bolts that did not meet Metropolitan specifications. The construction work has been completed, and the pipeline was placed into service on March 14, 2025.

Per Metropolitan's Admin. Code 8122(c)(3), board authorization is required to execute any agreement involving an amount that exceeds \$500,000 "for the relocation or protection, or both, of District-owned facilities to accommodate the improvements of facilities owned by others." The total reimbursable cost for Metropolitan's work under the agreement will be increased by \$410,000 for a total of approximately \$900,000. Therefore, a board-authorized agreement amendment is required for full reimbursement of expenses.

### **Santa Monica Feeder Relocation - Reimbursable Agreement (No funds required)**

Metropolitan's 29.5-inch diameter welded steel Santa Monica Feeder pipeline is located within a 10-foot easement that crosses BH Luxury Residences LLC's project site. Metropolitan and BH Luxury Residences LLC have mutually agreed to relocate a portion of the line to an alternate alignment using a 31.5-inch diameter steel pipe. The increased diameter will offset hydraulic losses associated with the extended length of 260 feet and additional horizontal bends, thereby maintaining the feeder's existing hydraulic capacity. A majority of the new alignment will be located within a fire lane along the west side of BH Luxury Residences LLC's property adjacent to the Los Angeles Country Club. Metropolitan will obtain a new 15-foot-wide permanent easement for this portion within the private property. The remaining portions of the new alignment will be located within public right-of-way along Wilshire Boulevard and Santa Monica Boulevard. BH Luxury Residences LLC requested that the relocation be expedited to prevent delays to its development project.

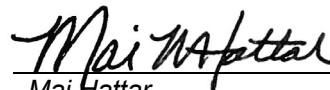
Following board authorization, staff plans to execute an agreement amendment with BH Luxury Residences LLC for design and inspection-related activities, including a review of the design drawings and specifications for the relocation. BH Luxury Residences LLC retained a consultant to prepare the design drawings and specifications and retained a contractor to relocate the Santa Monica Feeder using the construction documents reviewed by Metropolitan. Staff has reviewed the design, inspected pipe fabrication and installation, reviewed submittals, performed construction inspection, and conducted all shutdown-related activities. Metropolitan's costs for the relocation are estimated to range from approximately \$750,000 to \$900,000. No funds are required to be appropriated, as all costs incurred by Metropolitan will be fully reimbursed by BH Luxury Residences LLC.

This action authorizes the General Manager to execute an agreement amendment with BH Luxury Residences LLC, substantially on the terms outlined in this letter and in a form approved by the General Counsel, for relocation of a portion of the Santa Monica Feeder.

See **Attachment 1** for the Location Map.

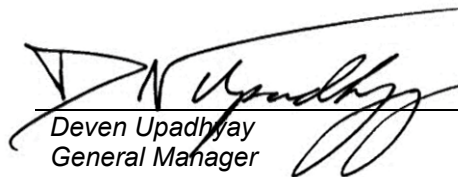
### ***Project Milestone***

March 2025 – Relocated Santa Monica Feeder pipeline returned to service



Mai Hattar  
Interim Chief Engineer  
Engineering Services

3/24/2025  
Date



Deven Upadhyay  
General Manager

3/24/2025  
Date

### **Attachment 1 – Location Map**

Ref# es12705682







Engineering, Operations, & Technology Committee

# Santa Monica Feeder Reimbursable Agreement

Item 7-5

April 7, 2025

## Item 7-5

### Santa Monica Feeder Reimbursable Agreement

#### Subject

Authorize an amendment to a reimbursable agreement with BH Luxury Residences LLC for the relocation of the Santa Monica Feeder within the City of Beverly Hills

#### Purpose

Relocate approximately 1,500 feet of the Santa Monica Feeder to mitigate impacts from construction of the One Beverly Hills Project

#### Recommendation and Fiscal Impact

Authorize an amendment to an agreement to relocate a portion of the Santa Monica Feeder

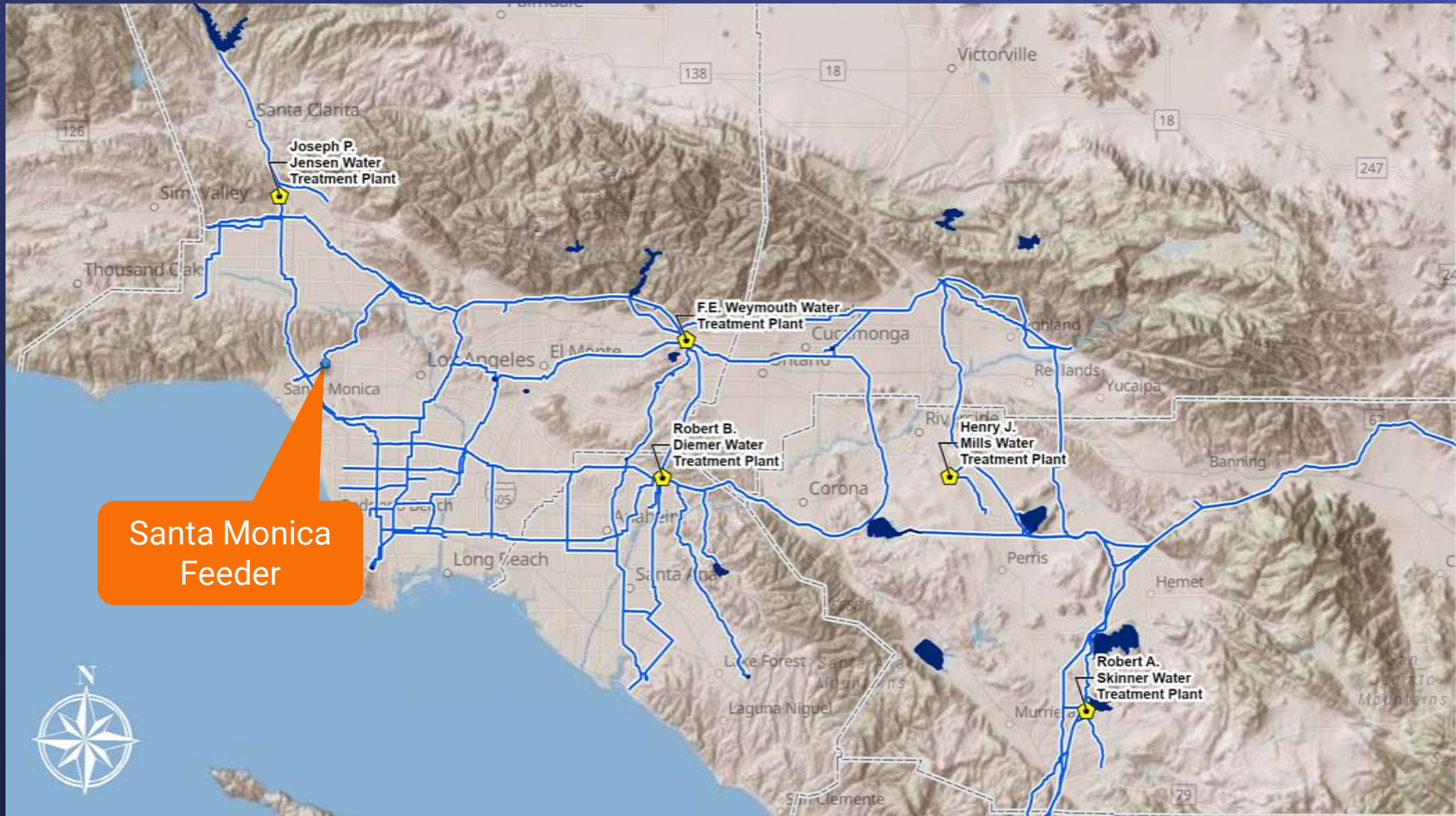
Per Admin. Code board authorization is required to execute reimbursable agreements that exceed \$500,000

No Fiscal Impact

#### Non-Budgeted



# Location Map





# Santa Monica Feeder Relocation



## Santa Monica Feeder Reimbursable Agreement

### Background

- Jan. 2020 – BH Luxury Residences LLC discussed relocating the Santa Monica Feeder
- Sept. 2021 – Metropolitan executed letter of agreement for relocation
  - Requires relocation of approx. 1,500 feet of 29.5-inch welded steel pipe
  - Installation of new air-release vacuum valve assemblies & accessways
  - Acquisition of new 15-foot-wide permanent easement
  - Reimbursable cost for Metropolitan's work estimated to be \$490,000
- All cost incurred by Metropolitan will be reimbursed



## Santa Monica Feeder Reimbursable Agreement

### Scope of Work

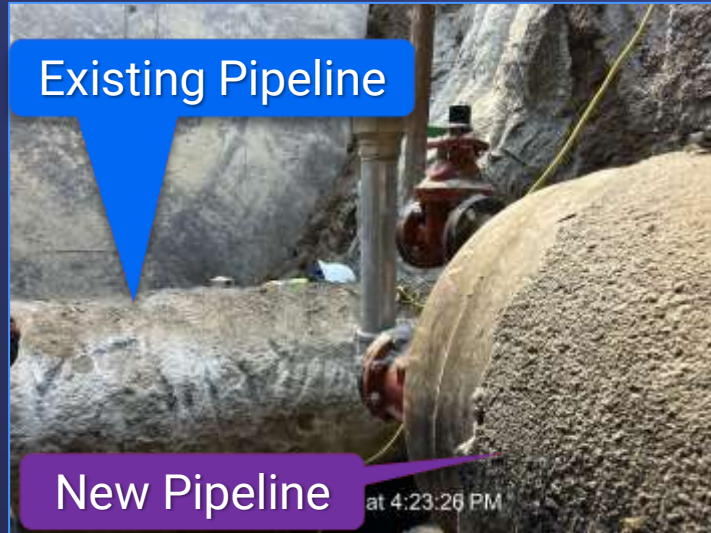
- Developer
  - Retained consultant to prepare design drawings & specifications
  - Retained contractor to relocate pipeline
- Metropolitan
  - Reviewed design drawings & specifications
  - Prepared easement documentation
  - Reviewed submittals & inspect construction
  - Performed shutdown & dewatered pipeline for tie-in
- Nov. 2024 – shutdown planned for tie-in

## Santa Monica Feeder Reimbursable Agreement

### Project Challenges

- During excavation, contractor discovered that they installed the new pipeline at a higher elevation than design
  - Required new fabricated fittings for connections
- Additional work required by Metropolitan staff
  - Performed survey to verify dimensions of new fittings
  - Reviewed submittals for piping & constr. inspection
  - Furnished air release/vacuum valve assemblies
  - Replaced nuts, bolts & gaskets at four accessways
  - Performed 2<sup>nd</sup> shutdown in March 2025 & pipeline placed into service
- Total reimbursable cost increased by \$410,000 to approx. \$900,000

# Project Challenges



Pipeline Elevation Discrepancy



Met Forces Repairs



Pipe Fabrication

# Board Options

- Option #1

Authorize an amendment to a reimbursable agreement with BH Luxury Residences LLC to provide design review and inspection-related activities for the relocation of the Santa Monica Feeder.

- Option #2

Do not authorize an amendment to a reimbursable agreement with BH Luxury Residences LLC.



# Staff Recommendation

- Option #1





- **Board of Directors**  
***Finance and Asset Management Committee***

4/8/2025 Board Meeting

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7-6

## **Subject**

---

Approve Climate Adaptation Master Plan for Water Five-Year Implementation Strategy; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## **Executive Summary**

---

In February 2023, the Board directed staff to integrate water resources, climate considerations, and financial planning into a Climate Adaptation Master Plan for Water (CAMP4W). In October 2023, the Board chartered a Joint Task Force of Board Members and Member Agency Managers to facilitate the development of CAMP4W in a timely and transparent process. Rooted in adaptability, Metropolitan's CAMP4W, through its implementation, will facilitate Metropolitan's continued reliability and resilience in the face of change and uncertainty while responding to real-world conditions, course correcting as needed, and achieving its core mission to provide safe, reliable water to its member agencies.

CAMP4W comprises multiple components which together form a living master planning program. This item presents the CAMP4W Five-Year Implementation Strategy, which both culminates the initial planning phase and sets forth a critical path towards implementing and institutionalizing climate adaptation at Metropolitan over the next five years. The components of the CAMP4W Implementation Strategy include the Background and Purpose, Assessed Vulnerabilities and Needs, Time-Bound Targets, Policy Framework, Climate Decision-Making Framework, and a set of Implementation Timelines. The timelines include projected board decision points for water, energy, and infrastructure projects and programs to comprehensively prepare the Board and member agencies for anticipated CAMP4W assessments and decisions. These timelines are iterative and subject to change based on evolving information and adaptation needs, and progress will be reported annually in the CAMP4W Annual Reports. The recommended action is limited to approving the above-described process. Recommendations for action on specific investments will be brought to the Board separately, when and as appropriate.

## **Proposed Action/Recommendations and Options**

---

### **Staff Recommendation: Option #1**

#### **Option #1**

Approve Climate Adaptation Master Plan for Water Five-Year Implementation Strategy

**Fiscal Impact:** None

**Business Analysis:** The Implementation Strategy will inform decision-making and future investments to meet Metropolitan's needs in a climate-impacted future.

#### **Option #2**

Do not approve.

**Fiscal Impact:** None

**Business Analysis:** Metropolitan staff would not have board direction to implement the policy guidance, decision-making tools, and next steps included in the CAMP4W Implementation Strategy.

---

**Alternatives Considered**

---

Not applicable

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**Applicable Policy**

---

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

By Minute Item 52776, dated April 12, 2022, the Board adopted the 2020 Integrated Water Resources Plan Needs Assessment.

By Minute Item 52946, dated August 15, 2022, the Board adopted a resolution affirming Metropolitan's call to action and commitment to regional reliability for all member agencies.

By Minute Item 53381, dated September 12, 2023, the Board approved the use of Representative Concentration Pathway (RCP) 8.5 for planning purposes in the Climate Adaptation Master Plan for Water.

By Minute Item 53630, dated May 14, 2024, the Board concurred with the CAMP4W: Draft Year One Progress Report and Next Steps, with the understanding that staff would provide the Board updated data and other information before consideration and approval of any CAMP4W projects.

---

**Related Board Action/Future Action**

---

Not applicable

---

**Summary of Outreach Completed**

---

Staff continues to engage member agencies, their boards and councils, as well as the public in the CAMP4W process. Engagement opportunities to date included listening sessions with environmental and community-based organizations as well as agricultural and business partners. Metropolitan held a public forum and has shared information on CAMP4W at various events throughout its service area.

---

**California Environmental Quality Act (CEQA)**

---

**CEQA determination for Option #1:**

The proposed action is not defined as a project under CEQA because it involves organizational maintenance, or administrative activities; personnel-related actions; and/or general policy and procedure making that will not result in direct or indirect physical changes in the environment. (Public Resources Code Section 21065; State CEQA Guidelines Section 15378(b)(2) and (5)).

**CEQA determination for Option #2:**

None required

---

**Details and Background**

---

**Background**

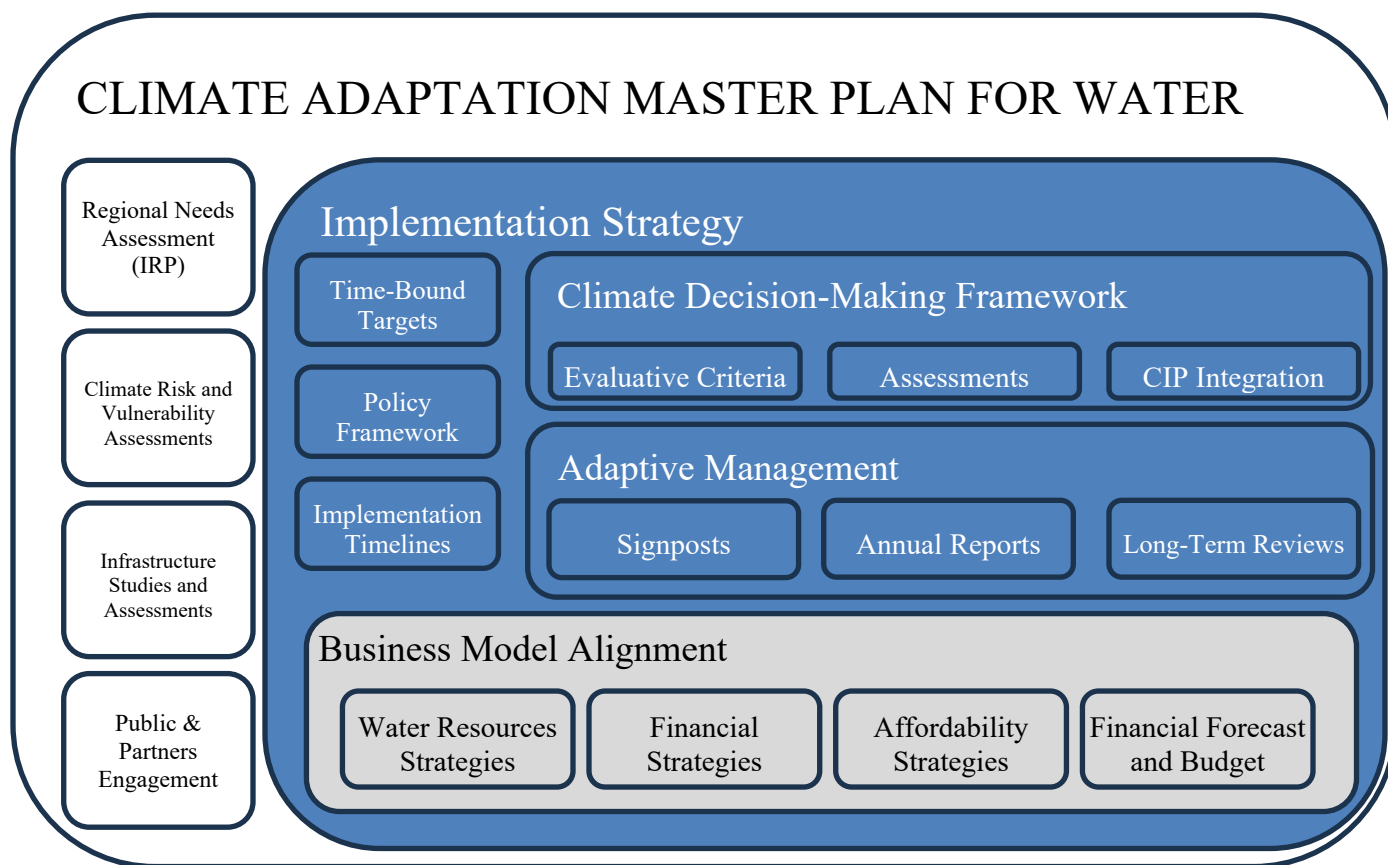
To ensure the continued reliability of water supplies for our member agencies and their customers, Metropolitan embarked on the development of a Climate Adaptation Master Plan for Water (CAMP4W), a comprehensive set of policy directives and decision-making tools to ensure the Board of Directors is equipped to consider climate risks to water supplies, water quality, infrastructure, operations, workforce, public health, and financial sustainability in its deliberations and investment decisions. CAMP4W provides a roadmap to guide future investments and decision-making as we confront our new climate reality in the years and decades ahead.

CAMP4W comprises multiple components which together form a living master planning program. This item presents staff's recommendation for the CAMP4W Five-Year Implementation Strategy, which both culminates the initial planning phase and sets forth a critical path towards implementing and institutionalizing climate adaptation at Metropolitan over the next five years.

Approval of the Implementation Strategy would direct staff to analyze planned programs and projects based on specific criteria that ensure consideration of climate change impacts and climate vulnerabilities throughout Metropolitan activities and to systematically institutionalize climate adaptation practices and policies to:

- 1) Institute the consideration of climate change impacts and climate vulnerabilities throughout Metropolitan activities.
- 2) Enhance resource planning with the integration of climate and financial information.
- 3) Increase the frequency of updates to resource needs and the factors that drive them.
- 4) Set targets to guide the development of potential projects and programs to increase climate resilience and ensure continued reliability.
- 5) Strengthen decision-making on project and program investments through greater transparency and more holistic and uniform analyses.
- 6) Establish an adaptive management approach to better manage uncertainty and remain responsive to evolving conditions.

The CAMP4W components are depicted in Figure 1. Foundational inputs to the planning process and implementation decisions (on the left-hand side of the figure) include the Integrated Water Resources Plan Regional Needs Assessment, Climate Risk and Vulnerability Assessments, ongoing Infrastructure Studies and Assessments, as well as regular public and partner engagement. The components of the Implementation Strategy include the Time-Bound Targets and Policy Framework as the drivers, the Climate Decision-Making Framework for assessing projects and programs, an adaptive management approach to monitoring, reporting, and adjusting, as well as the Implementation Timelines, which will lay out key milestones over the next five years. The business model is currently under review in a parallel process, and any final decisions from that process will be integrated into CAMP4W assumptions and analyses when appropriate. Although these tools and foundational elements will be deployed over the long term, staff will update the Implementation Strategy more frequently to account for new information and the uncertainty associated with climate change.



**Figure 1: Climate Adaptation Master Plan for Water Components**

The components of the CAMP4W Implementation Strategy (**Attachment 1**) include the Background and Purpose, Assessed Vulnerabilities and Needs, Time-Bound Targets, Policy Framework, Climate Decision-Making Framework and a set of Implementation Timelines, which include projected board decision points for water, energy, and infrastructure projects and programs to comprehensively prepare the Board and member agencies for anticipated CAMP4W assessments and decisions. These timelines are iterative and subject to change based on evolving information and adaptation needs, and progress will be reported annually in the CAMP4W Annual Reports. This action is limited to approving the components of the Implementation Strategy, including the Policy Framework and Climate Decision-Making Framework. Specific projects and other investments will be brought to the Board separately, when and as appropriate.

Staff revised the Implementation Strategy based on input received from the CAMP4W Task Force, board leadership and member agencies over the last several months. Specifically, a Water Quality Resilience section was added to the Risks and Vulnerabilities section as were several potential initiatives and climate-induced challenges related to water quality. The Implementation Timelines provide anticipated CAMP4W Assessments for at least four major projects in 2025, including Pure Water Southern California, Sites Reservoir, Delta Conveyance Project and Metropolitan's Water Efficiency Program. The timelines also lay out ongoing

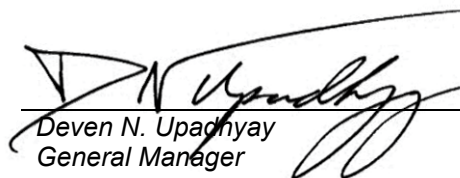
studies and planning processes to identify new and emerging climate adaptation strategies, including efforts related to water resources, infrastructure, power supply, conservation and the business model review. Following board approval of this recommended action, staff intends to use these timelines to guide next steps and will immediately initiate CAMP4W Assessments for a suite of projects/programs, including those listed above, and will prepare for subsequent board review and consideration of the assessments.



Elizabeth Crosson  
Chief Sustainability, Resilience and  
Innovation Officer

4/2/2025

Date



Deven N. Upadhyay  
General Manager

4/2/2025

Date

### **Attachment 1 – Climate Adaptation Master Plan for Water Implementation Strategy**

Ref# sri12707391





# CAMP4W

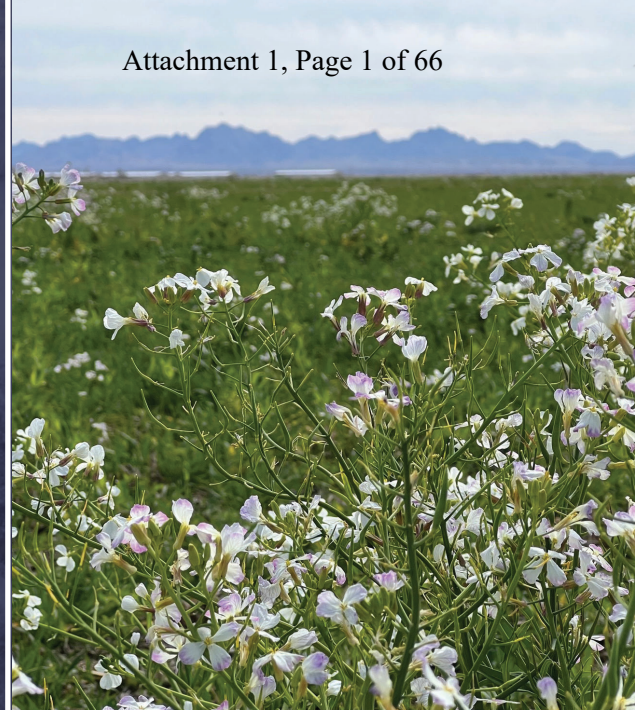
Climate Adaptation  
Master Plan for Water

## Implementation Strategy



The Metropolitan Water District  
of Southern California

APRIL 2025





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## APPENDIX

# A Special Note from the Board Chair



Dear Reader:

On behalf of the Board of Directors of the Metropolitan Water District of Southern California, I am proud to present our Five-Year Implementation Strategy aimed at advancing Metropolitan's climate adaptation efforts. This marks an important milestone in our journey to ensure a sustainable water future for Southern California.

Over the past two years, the Board has undertaken a robust, challenging, and collaborative process with our member agencies to reaffirm our core mission: delivering reliable and high-quality water in the face of the escalating resource, infrastructure, and financial challenges wrought by increasing climate volatility. The Climate Adaptation Master Plan for Water (CAMP4W) is not your typical master plan. Rather than being confined to static binders, it is defined by iterative, adaptive, and innovative decision-making tools and policy directives that institutionalize climate adaptation and adaptive management throughout our agency.

The planning dynamics that have shaped this strategy are critical to understand. Over the last 30 years, we have invested over a billion dollars in water efficiency and demand management, leading to significantly declining water use across Southern California. While this has been an environmental success, it has resulted in reduced water sales and revenue at a time when we face multiple challenges—most notably climate change and the necessity of maintaining our vast, century-old infrastructure that transports water from the Colorado River and Northern California.

Our ongoing transformation from an agency focused solely on importing water to one that actively enhances resilience through local supply diversification demonstrates our commitment to adapting to these challenges. We have already amassed storage of record-setting dry-year supplies made possible by our regional efficiency and conservation achievements, and recent good rain years. Yet, as Metropolitan incentivized the construction of local recycling as well as other forms of demand management, and storage, we drastically reduced the sale of imported water and thus our main source of revenue.

Fortunately, through our local resilience, we gained a head start as the reliability of our imported sources is declining. On the Colorado River, we face increased competition from states like Wyoming, Colorado, Utah, and New Mexico for severely climate-impacted water resources. Since losing half of Southern California's Colorado supplies in 2003, Metropolitan has steadily made innovative investments in farm water conservation, ensuring a more reliable water supply for the Colorado River Aqueduct. A successful resolution to ongoing negotiations among the seven basin states that also include Arizona and Nevada and Mexico, could enable us to replicate these conservation investments across state lines to bolster the overall resilience of not only California, but the entire Southwest. But this will take more innovation and investment to accomplish.

Water resources from Northern California that must pass through the deteriorating Sacramento-San Joaquin Delta and its eroding levees are subject to significant supply risks. Regulatory obstacles and litigation currently exacerbate the difficulty in moving water south, as well as the ability to adapt to climate change. The State of California's potential construction of a \$20 billion underground tunnel to protect from the risk of levee failure provides an alternative in a natural disaster and underscores the magnitude of the challenges we face. Metropolitan would bear the major portion of that cost, while continuing to contribute to the cost of maintaining and improving the current levee system benefitting our region as well as other areas of the State.

To withstand threats to our imported supplies building projects such as the \$8 billion Pure Water Southern California treatment system in Carson, California, deserve serious consideration. Over time they can enable us to reuse billions of gallons of wastewater currently being discharged into the ocean. When and how to build the types of large projects I have described in these paragraphs without overburdening ratepayers, especially those with lower incomes, is a major objective of CAMP4W.

CAMP4W addresses our need to adapt financially, policy-wise, and politically from where we are today in the state of our infrastructure. The CAMP4W effort has facilitated the development of a new decision-making framework, essential for responding effectively to the multidimensional challenges that we are encountering along with the volatile climate.

On behalf of the Board, I would like to thank General Manager Deven Upadhyay for his disciplined and determined leadership; as well as his team, especially Chief Sustainability Officer Liz Crosson who patiently spearheaded the complex effort and who will guide us through its implementation. The team includes our Finance, Water Resources Planning, External Affairs, Engineering & Operations executives and staff as well as our Board support group. Committee Chair Matt Petersen and Vice Chair Karl Seckel brings vision and understanding to this effort; and Board Vice Chair Gail Goldberg and Finance Chair Tim Smith much necessary guidance. Finally, thank you to our member agency managers whose work is not done. I imagine them bringing the pragmatism of Metropolitan's founders striving to define the common benefits of Metropolitan's mission to a region that has been transformed into the 11th largest economy of the world.

I invite you to explore the Climate Adaptation Master Plan for Water and join us in this crucial endeavor. We also urge you to review our most recent SB60 report submitted to the California legislature outlining achievements in conservation, water recycling and groundwater storage. Our most recent report shows how residents have reduced water use by over 45% since the 1990's. It demonstrates that together, we can continue safeguarding our water future and building resilient communities for generations to come.

Adán Ortega, Jr.  
Chair of the Board  
Metropolitan Water District of Southern California



# Acknowledgements

This progress report for the Climate Adaptation Master Plan for Water would not be possible except for the dedication of Task Force Members, Metropolitan's Staff, and consultants.

## Task Force Members

### Directors

Adán Ortega, Jr. (Chair), *City of San Fernando*

Matt Petersen (Task Force Chair), *City of Los Angeles*

Karl Seckel (Task Force Vice Chair), *Municipal Water District of Orange County*

S. Gail Goldberg (Vice Chair of the Board – Finance, Audit and Planning), *San Diego County Water Authority*

Nancy Sutley (Vice Chair of the Board - Climate Action), *City of Los Angeles*

Desi Alvarez, *West Basin Municipal Water District*

Jeff Armstrong, *Eastern Municipal Water District*

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Lois Fong-Sakai, *San Diego County Water Authority*

Mark Gold, *City of Santa Monica*

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Tracy Quinn, *City of Los Angeles*

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Anselmo Collins, *City of Los Angeles*

Harvey De La Torre, *Municipal Water District of Orange County*

Dan Denham, *San Diego County Water Authority*

Shivaji Deshmukh, *Inland Empire Utilities Agency*

Anatole Falagan, *City of Long Beach Water Department*

Nina Jazmadarian, *Foothill Municipal Water District*

Tom Love, *Upper San Gabriel Valley Municipal Water District*

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Hampik Dekermenjian, *Hazen and Sawyer*

Sarah Dominick, *Hazen and Sawyer*



# 1.0

# Background and Purpose

*Diemer Water Treatment Diemer Water Treatment Plant 1 - January 2025*



## 1.1 Problem Statement and Purpose of Climate Adaptation Planning and the CAMP4W Process

Climate change poses a significant threat to Metropolitan's ability to fulfill its mission and to the sources of water supply upon which Southern California relies. Extreme weather conditions in recent years have presented Southern Californians with an unsettling preview of the challenges ahead – weather whiplash is abruptly swinging the state from periods of severe and extended drought to record-setting wet seasons. Hazards from wildfire, extreme heat events, high winds, and sea level rise all pose risk to Metropolitan's critical infrastructure, such as those experienced during the 2025 wildfires, as well as to the ecosystems from which Metropolitan's water supply derives. There is no question that climate change is here and putting mounting pressure on the year-to-year management of our available water resources and infrastructure.

To ensure the continued reliability of water supplies for the communities we serve, Metropolitan embarked on the development of a comprehensive Climate Adaptation Master Plan for Water (CAMP4W), a comprehensive set of policy directives and decision-making tools that ensures the Board of Directors is equipped to consider climate risks to water supplies, water quality, infrastructure, operations, workforce, public health, and financial sustainability to its deliberations and investment decisions. It provides a roadmap to guide future investments and decision-making as we confront our new climate reality in the years and decades ahead.

By adopting the CAMP4W, the Board of Directors has directed staff to analyze planned programs and projects based on specific criteria that ensure consideration of climate change impacts and climate risk vulnerabilities throughout Metropolitan activities and to systematically institutionalize climate adaptation practices and policies to:

- Institute the consideration of climate change impacts and climate risks and vulnerabilities throughout Metropolitan activities;
- Enhance resource planning with the integration of climate and financial information;
- Increase the frequency of updates to resource needs and the factors that drive them;
- Set targets to guide the development of potential projects and programs to increase climate resilience and ensure continued reliability;
- Strengthen decision-making on project and program investments through greater transparency and more holistic and uniform analyses; and
- Establish an adaptive management approach to better manage uncertainty and remain responsive to evolving conditions.



Planning for a future impacted by climate change will support Metropolitan's reliability and resilience goals in a financially sustainable, environmentally responsible, and equitable manner.



## 1.2 Role of Implementation Strategy within the CAMP4W Process

The Climate Adaptation Master Plan for Water comprises multiple components which together form a living master planning program (Figure 1-1). Rooted in adaptability, Metropolitan's CAMP4W, through its implementation, will facilitate Metropolitan's continued reliability and resilience in the face of change and uncertainty while responding to real world conditions, course correcting as needed, and reducing the risk of over or under development. CAMP4W will allow the Board to balance the risks associated with either creating stranded assets or the devastating risk of having shortages or disruption in service, which would weaken Metropolitan's ability to achieve its core mission to provide safe, reliable water to its Member Agencies.

Through this CAMP4W Implementation Strategy, the Climate Decision-Making Framework, policy directives, partnership goals, and project and program timelines are combined to support near-term climate adaptation decision-making and implementation. Included is a defined set of new and ongoing tasks with an achievable timeline, the progress of which will be reported annually through the CAMP4W Annual Report. Modifications to the strategy will be made as needed to incorporate updated information and lessons learned. This adaptive management approach is depicted in Figure 1-1, presenting the key components in the development and implementation of the CAMP4W process.

Preparing for the future and providing a reliable supply of water to its Member Agencies are not new to Metropolitan. However, the CAMP4W process places adaptation in light of climate change at the forefront of planning, to intentionally look at all aspects of Metropolitan's resources, system and processes through a holistic lens and to transparently inform decision-making.

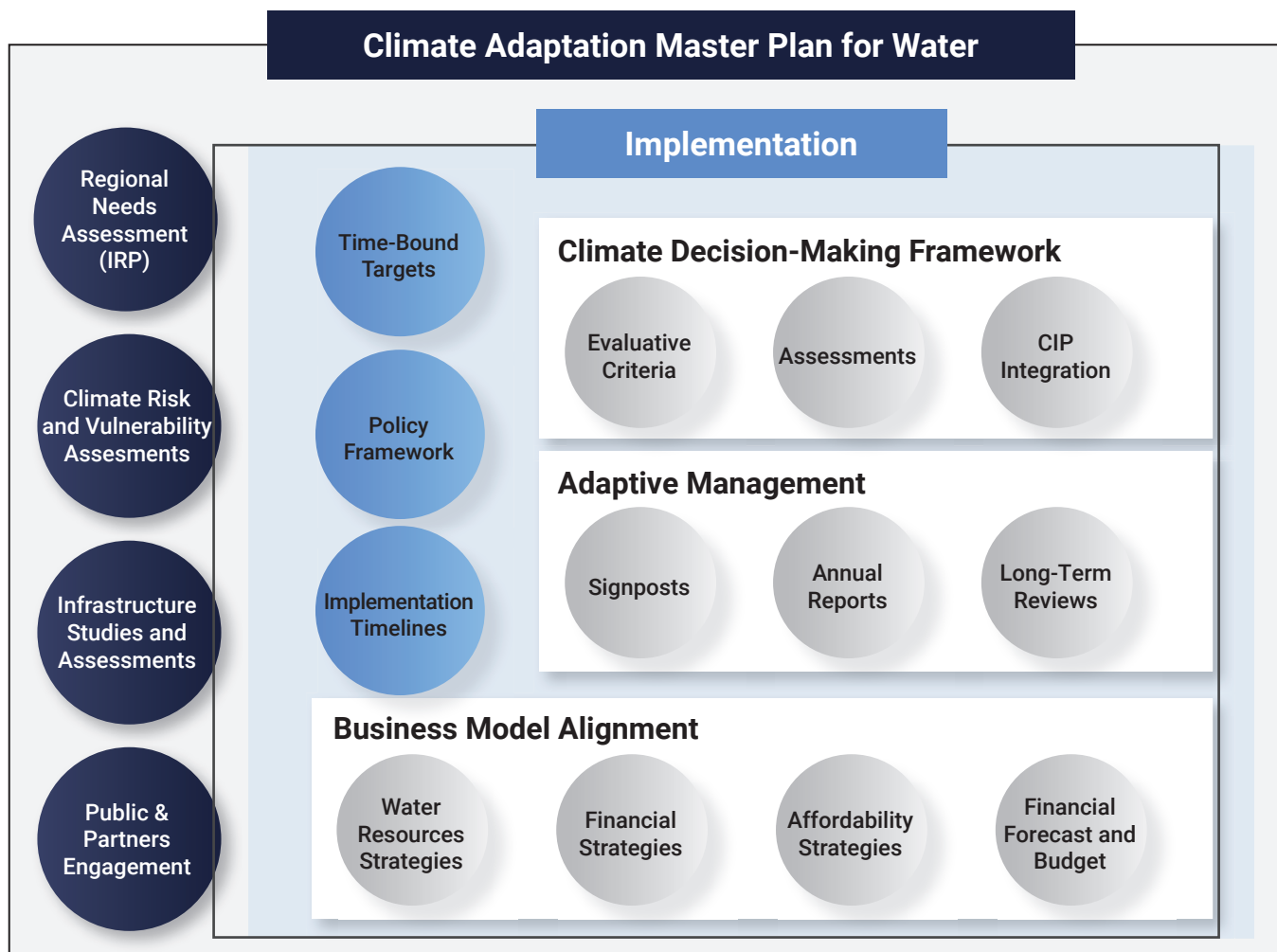


Figure 1-1. Climate Adaptation Planning Components

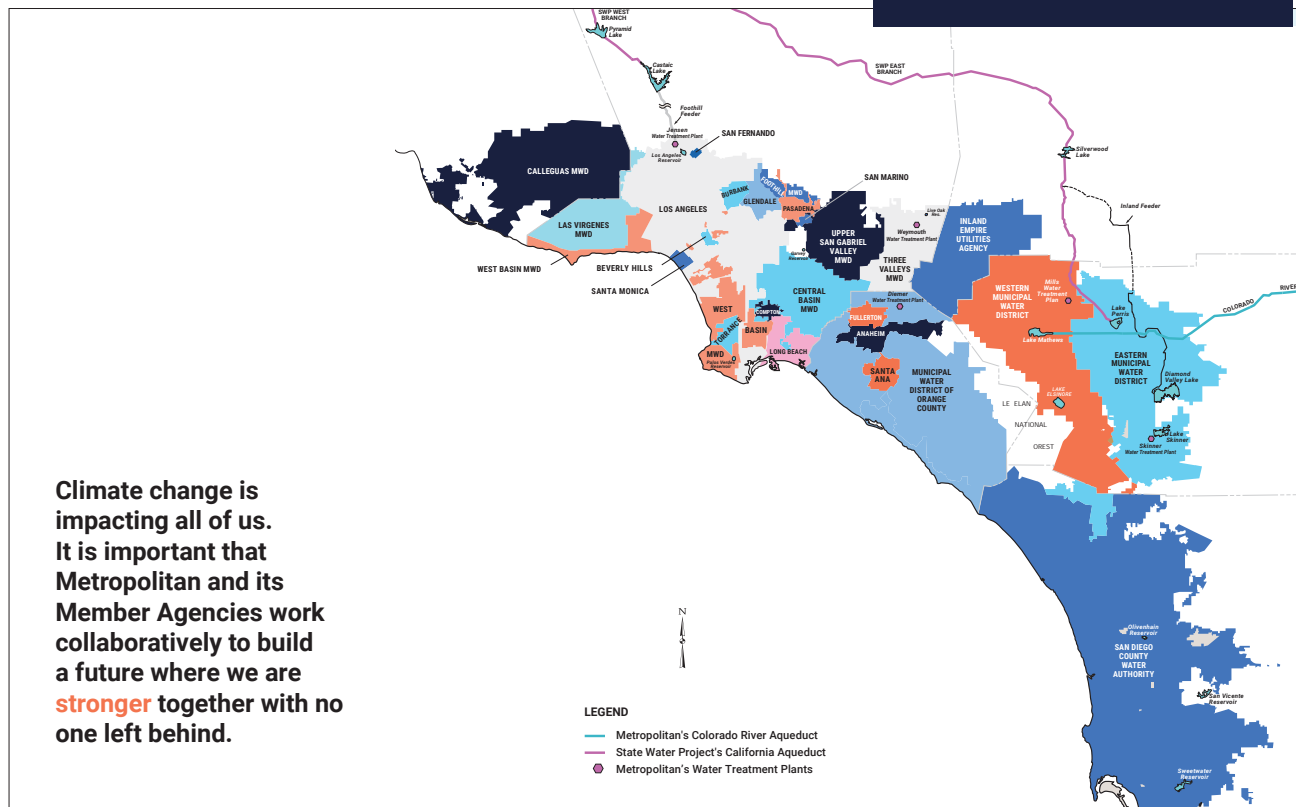
## 1.3 Metropolitan's Resources, System, Assets, and Member Agencies

Metropolitan's mission is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way. To do this, Metropolitan imports supplies from the California Bay-Delta and the Colorado River, leads regional water use efficiency programs, invests in local water resources, and operates and maintains the Colorado River Aqueduct, an expansive range of reservoirs, five water treatment plants, hydroelectric facilities, 830 miles of pipelines including large-diameter pipelines and tunnels and about 400 service connections.

Metropolitan delivers approximately 1.5 billion gallons of water daily to its 26 Member Agencies (Figure 1-2), who serve the 19-million person service area across 5,200 square miles. Member Agencies (Figure 1) vary widely in terms of their size, whether they are retailers or wholesalers, their percent dependence on Metropolitan, and the climate they experience. Climate zones range from the cooler coastal areas to hotter inland regions, while land use ranges from densely urban areas to heavy industrial areas to open agricultural lands, where the volume and nature of water use varies significantly. Nearly one third of the region's population is classified as disadvantaged, indicating that affordability considerations will vary across the region as well (DWR DAC Mapping tool<sup>1</sup>).

Southern California's water supplies are facing major long-term threats, brought on by climate change, emerging contaminants and evolving ecological needs. For example, State Water Project dependent areas faced shortages during the recent drought due to supply shortage and infrastructure constraints, threatening the health and wellbeing of our residents. Metropolitan is committed to helping the region overcome these challenges with careful planning, vision and leadership to ensure our communities have the water they need for generations to come.

Figure 1-2. Map of Metropolitan's Member Agencies and Major Facilities



1 | <https://water.ca.gov/Work-With-Us/Grants-And-Loans/Mapping-Tools>

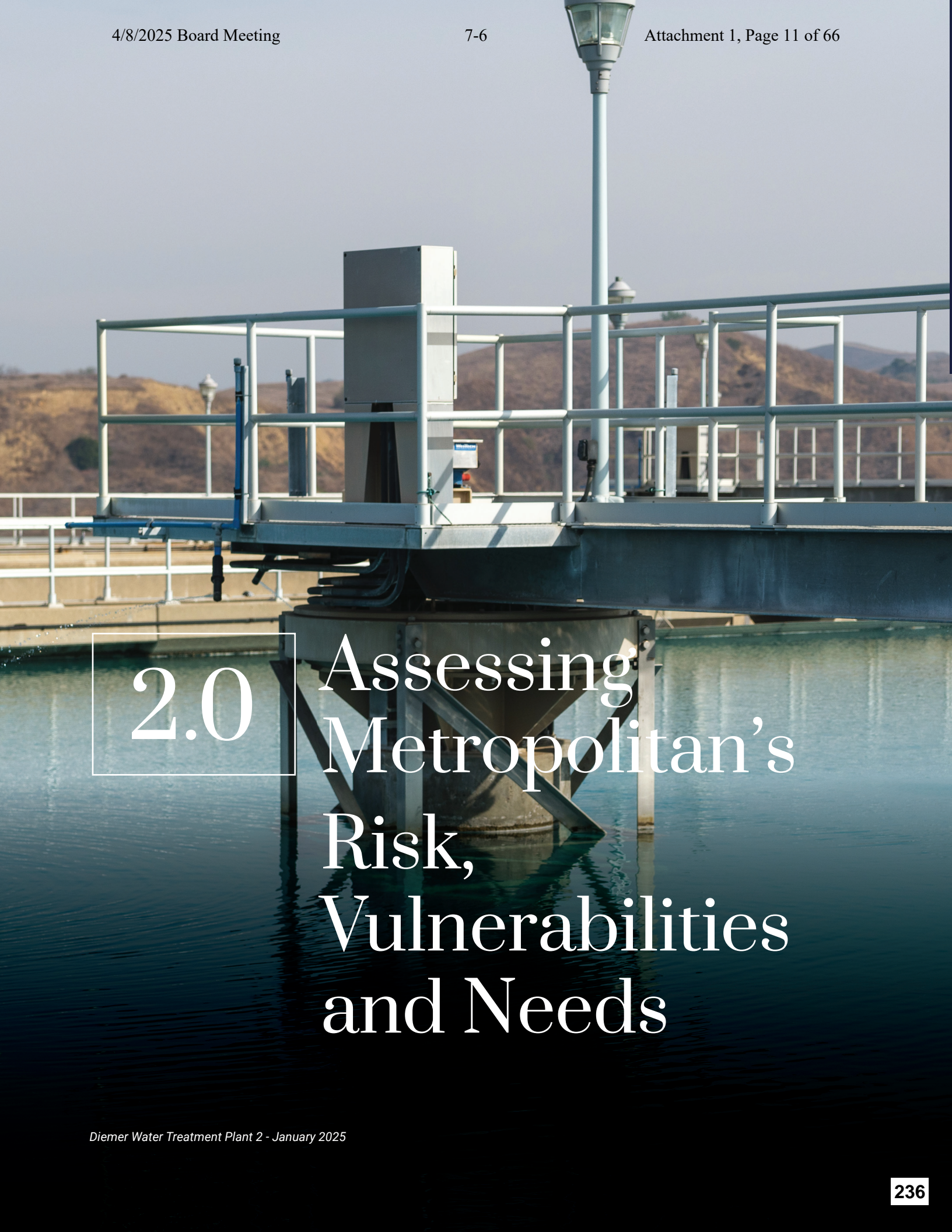
## 1.4 Public and Community Engagement

Ongoing public and community engagement in the CAMP4W process is essential to public support and acceptance for implementation, and importantly public trust. It is the means to ensure transparency and provide opportunities for diverse voices to raise their priorities, concerns, and ideas with Metropolitan and the Member Agencies. Continuing the outreach efforts practiced throughout the CAMP4W development process and advancing the engagement goals are a core element of implementation. Engagement with interested parties, such as the environmental community and community-based organizations, will continue to ensure Metropolitan is integrating local knowledge and issues deeply understood by local and regional partners. In collaboration with the Member Agencies, planned activities include workshops, listening sessions, forums, presentations, tabling at community events and work with community-based and tribal organizations.



Photo Caption Goes Here





# 2.0 Assessing Metropolitan's Risk, Vulnerabilities and Needs



Worldwide, agencies are grappling with the reality that climate change is impacting our lives in a multitude of ways. Climate change is resulting in new and different risks and vulnerabilities for water systems and new and different needs for the people who rely on those systems. Decisions are being driven by extreme weather events such as drought, flooding, wildfires, heat waves, and windstorms, as well as sea level rise and the health of ecosystems, and the compounded impacts of climate change on other hazards such as earthquakes. Understanding risks and Metropolitan's vulnerabilities in the face of a changing climate is critical to establishing the region's needs for water supply reliability and infrastructure resilience. By considering potential risks and vulnerabilities, Metropolitan can best prepare to meet the needs of the region by making informed investment decisions and establishing a timeframe for implementation that is adaptable to changing conditions.

Developing strategies to address risks and vulnerabilities can be considered under two main categories. First, Metropolitan must consider effects on water supply reliability, which is impacted by fluctuating periods of drought and high rainfall as well as extreme heat events. Second, Metropolitan must bolster its infrastructure resilience to ensure operations and Member Agency support are maintained during and after hazard events that threaten or disrupt infrastructure.

The following sections discuss the process for evaluating risks and vulnerabilities, identifying water supply needs, and determining infrastructure resilience needs to ensure our water and power infrastructure remains resilient under anticipated future conditions.

## 2.1 Climate Risks and Vulnerabilities

Climate change poses significant risk to Metropolitan including the areas of drought, extreme precipitation, wildfires, sea level rise, extreme heat, and extreme wind events. As Metropolitan plans for the future, it must consider how these events will impact supply reliability and infrastructure resilience as well as how it will impact operations during emergencies. Understanding the risks is critical to properly assessing the best way to address them.



Workers in Action on Badlands Tunnel Project 2 - 2025

## Multiple Climate Risks Impact Metropolitan from Water Supply to Infrastructure



### Extended Droughts: Water Supply<sup>1</sup>

Both of Metropolitan's major imported water sources, the Colorado River and the Northern Sierra, are threatened by extreme and extended droughts



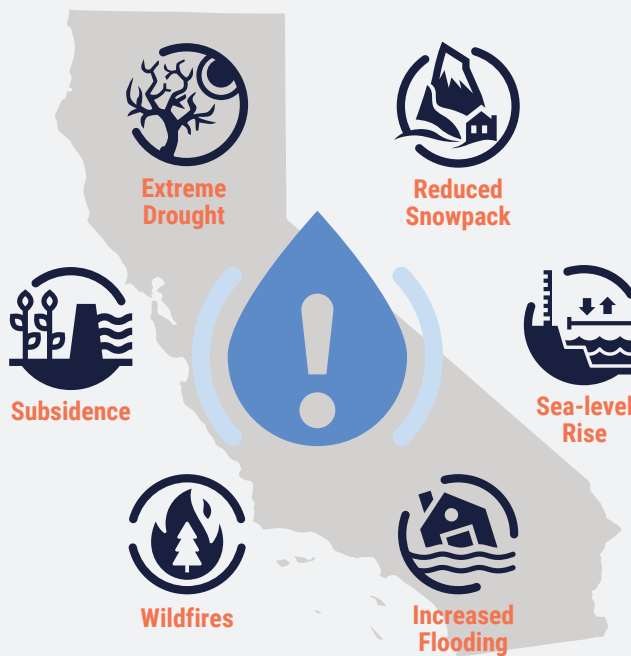
### Sea-level Rise: Water Quality<sup>2</sup>

Increased salinity associated with sea-level rise could impact water quality in the Sacramento-San Joaquin Delta, as well as in coastal water basins situated throughout Metropolitan's service area.



### Extended Droughts: Water Quality

Major rain and flooding events also create water quality concerns, such as the increased turbidity of inflows to Metropolitan's Jensen Water Treatment Plant from Castaic Lake in January 2023.



### Increased Flooding: Infrastructure Damages<sup>3</sup>

Major rain and flooding events can damage Metropolitan's delivery and storage system, such as when Tropical Storm Hilary caused a suspension in deliveries to DWCV storage in 2023.



### Increased Flooding: Infrastructure Damages<sup>5</sup>

Reduced annual snowpack threatens the long-term sustainability of Metropolitan's two major sources of imported water, the Colorado River and the Northern Sierra.



### Extreme Heat: Infrastructure Risks<sup>6</sup>

In addition to its damaging impacts on Metropolitan's existing infrastructure, extreme heat also threatens the health and safety of field staff across our service area.



### Wildfires: Infrastructure Risks<sup>4</sup>

Wildfires can threaten Metropolitan's water treatment facilities and delivery systems, such as when the Freeway Complex Fire broke out in proximity to the Diemer Water Treatment Plant in November 2008.

<sup>1</sup> Lake Mead Water Level, July 2022 / courtesy of U.S. Bureau of Reclamation

<sup>2</sup> Rising tide levels encroach into Bay Delta, December 2020 / courtesy of CA Department of Water Resources

<sup>3</sup> Storm damage to CRA turnout infrastructure near Whitewater, February 2019

<sup>4</sup> Hurst Fire (800 acres) starts near Jensen 1/7 10:29 PM

<sup>5</sup> DWR staff conduct recent snow survey, January 2024/ courtesy of CA Department of Water Resources

<sup>6</sup> Hughes Fire (10,000 acres) starts near Castaic Lake 1/22 10:53AM

## 2.2 IRP Needs Assessment

For decades, assessing Metropolitan's water supply needs has been accomplished through a robust integrated planning process and evaluation of projected future conditions, beginning with the 1996 Integrated Water Resources Plan (IRP). Member Agency data has been an integral part of the process, facilitated by Metropolitan's annual outreach to each Member Agency. While Metropolitan has consistently evaluated future uncertainty, the 2020 IRP Needs Assessment saw Metropolitan take its future planning process into an expanded direction with the inclusion of **scenario planning**.

Metropolitan developed four scenarios (A, B, C and D, see Figure 1-2), which serve to represent the range of potential drivers that impact the region's supply and demand including economic conditions, population growth, regulatory requirements, and climate impacts to name a few. Based on the modeling done during the IRP Needs Assessment (Figure 2-1), the range in the water supply gap was determined, as shown in Table 1.

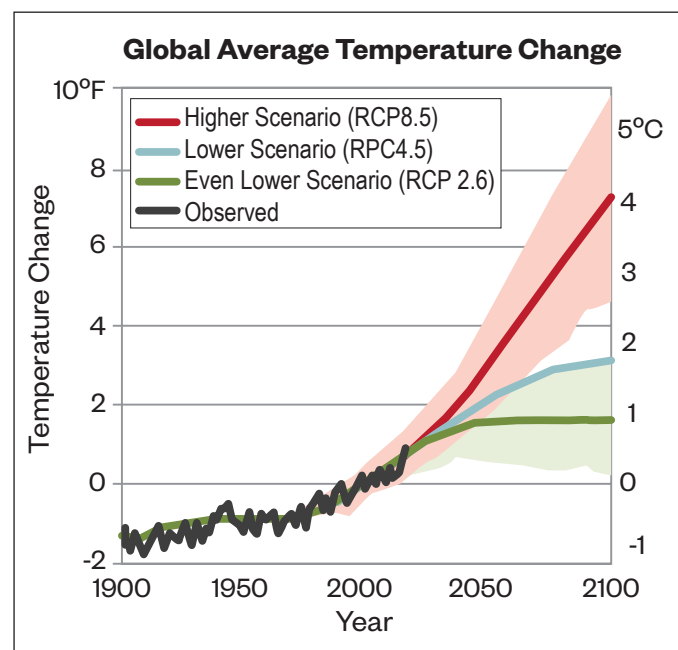
To support an adaptive management process, updates to the IRP Needs Assessment will occur at regular intervals, established based on trends that occur over time rather than reacting to short-term conditions which may reverse on a year-to-year basis. This has resulted in the selection of a five-year IRP Needs Assessment update cycle, as presented in Sections 5 and 6. In addition, there remains the need to keep the Board informed on an annual basis of how certain parameters are tracking over time. This will be accomplished through the Annual Reporting process which is further described in Section 5.3 and presented in the timeline in Section 6.

### SCENARIO PLANNING

Recognizing that a multitude of factors contribute to the demands on Metropolitan and the availability of its supplies, Scenario Planning allows us to examine the boundaries of what is reasonably likely to occur in the future since scenario planning "bookends" the range of possible future needs. By understanding what the supply gap could be under a variety of conditions, Metropolitan is able to decide what direction to plan towards. Next, using the Adaptive Management Approach, Metropolitan will be able to adjust planning targets as real-world conditions reveal where along the spectrum our needs are trending, which will inform incremental investment decisions.



In 2024, Metropolitan's Board voted to plan toward Representative Concentration Pathway (RCP) 8.5, which acknowledges a need to prepare for a more extreme climate impacted future. RCP 8.5 is expressed in Scenarios C and D. By planning toward Scenario D and implementing based on real-world conditions, Metropolitan will balance the need to be prepared while limiting the risk of stranded assets if conditions change.





### IRP NEEDS ASSESSMENT IDENTIFIED THREE CATEGORIES OF SUPPLY

**Core Supply:** A supply that is generally available and used every year to meet demands under normal conditions and may include savings from efficiency gains through structural conservation.

**Flexible Supply:** A supply that is implemented on an as-needed basis and may or may not be available for use each year and may include savings from focused, deliberate efforts to change water use behavior.

**Storage:** The capability to save water supply to meet demands at a later time. Converts core supply into flexible supply and evens out variability in supply and demand.

**Table 1: How Much Core Supply Do We Need Based on How Much Storage We Develop?**

If we build this much storage...	We will need this much additional core supply... (conservation reduces demands and "counts" toward core supply needs)			
	IRP Scenario A	IRP Scenario B	IRP Scenario C	IRP Scenario D
0 TAF	No supply or storage requirements	100 TAF	50 TAF	650 TAF
100 TAF		70 TAF	15 TAF	600 TAF
250 TAF		30 TAF	15 TAF	550 TAF
500 TAF		30 TAF	15 TAF	500 TAF

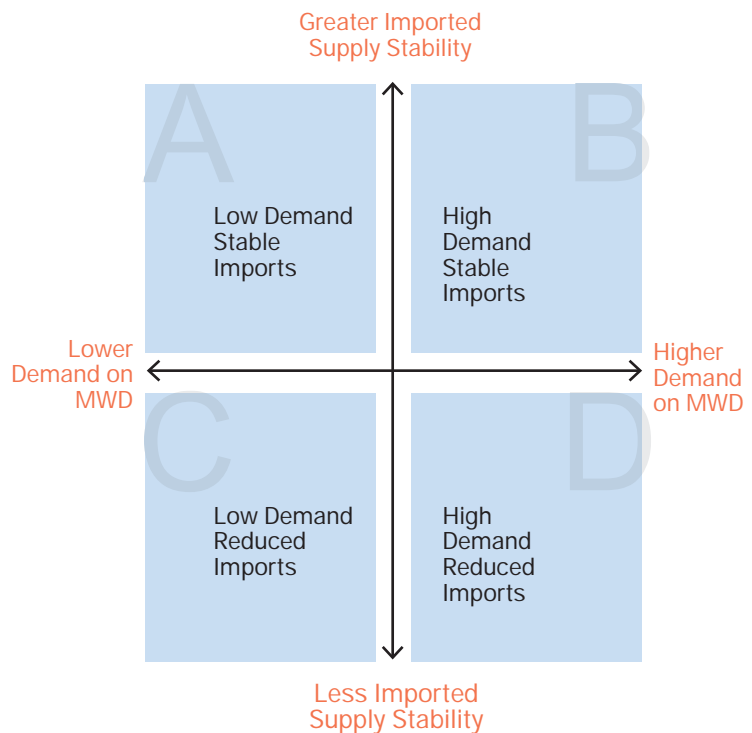
\* TAF=thousand acre-feet; 1 acre-foot is the amount of water that would cover an acre of land at 1-foot depth

### UNCERTAINTY AND THE ESTABLISHMENT OF ASSUMPTIONS

There is **inherent uncertainty** whenever an assumption is made, and in the IRP Needs Assessment, each scenario is defined by numerous assumptions. **Scenario planning and adaptive management capture that uncertainty** in the space between each scenario – the spectrum along which real-world conditions are likely to unfold. Each scenario presents a data point along that spectrum, where any number of variables could shift the outcome in one direction or another.

By adapting and modifying investment decisions over time, **Metropolitan will align implementation with real-world conditions** to reduce the risk of over or under developing resources.

**Figure 2-1 Summary of IRP Scenarios A, B, C, D**



## 2.3 Infrastructure Resilience

To maintain a reliable water supply, Metropolitan must ensure that its existing and future infrastructure is resilient in the face of a changing climate and the compounding risk associated with natural disasters, such as earthquakes and wildfires. Infrastructure investments are also critical to advancing power reliability, continued system operation, asset management, infrastructure reliability, and energy sustainability. Infrastructure projects are comprised of both replacement and refurbishment (R&R) projects, which serve to maintain the existing system, and new projects to enhance system capabilities.

Metropolitan has a long history of evaluating risks and vulnerabilities to ensure its system is able to support its core mission. Metropolitan identifies potential projects and programs through several planning processes initiated by various groups within Metropolitan, which can be categorized into the five areas shown in Figure 2-2. The Water Supply Reliability component addresses Metropolitan's ability to supply water to meet Member Agency demands under all foreseeable hydrologic conditions. The System Capacity component addresses Metropolitan's ability to convey, treat, and distribute supplies to meet firm demands under peak conditions. The Infrastructure Reliability component addresses Metropolitan's

ability to maintain facilities in readiness to ensure system deliveries. The System Flexibility component addresses Metropolitan's ability to respond to short-term changes in water supply, water demands, and water quality and meet Member Agency water demands during planned or unplanned facility outages. The Emergency Response component addresses Metropolitan's ability to respond quickly to unplanned outages to restore service. By addressing each of the five reliability components, Metropolitan has developed a robust approach to ensure overall system reliability for its service area. While these processes have effectively identified projects and programs to meet Metropolitan's needs, changing climate conditions and increased uncertainty require additional considerations and criteria in project and program development and evaluation.

CAMP4W enhances the five categories of system reliability planning with climate adaptation considerations and addresses the compounding risks and vulnerabilities Metropolitan faces due to climate threats. Enhancements are reflected in the Policy Framework, Climate Decision-Making Framework, and Adaptation Strategies presented in Sections 4, 5 and 6.

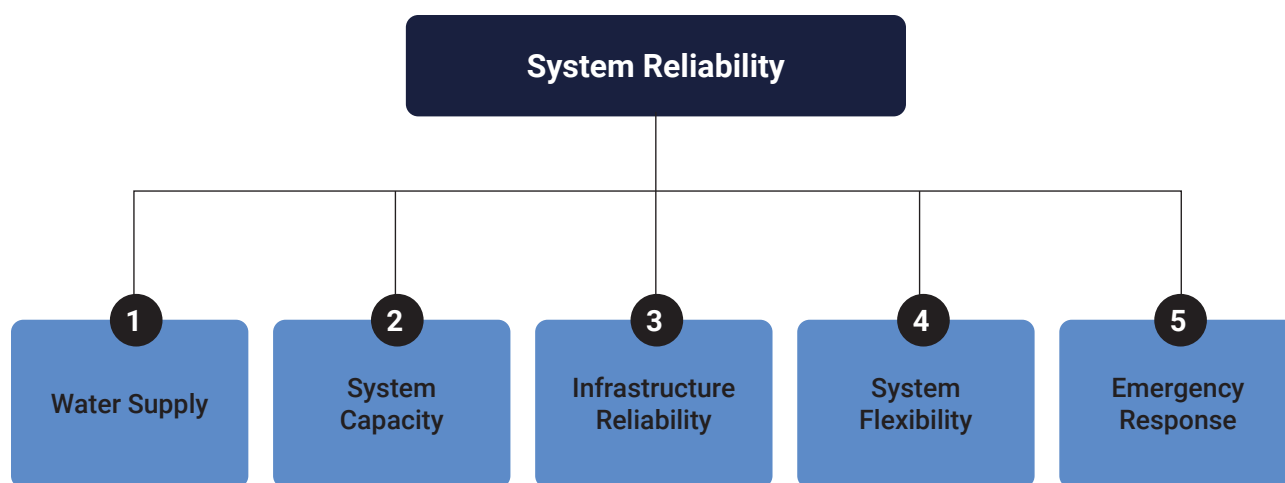


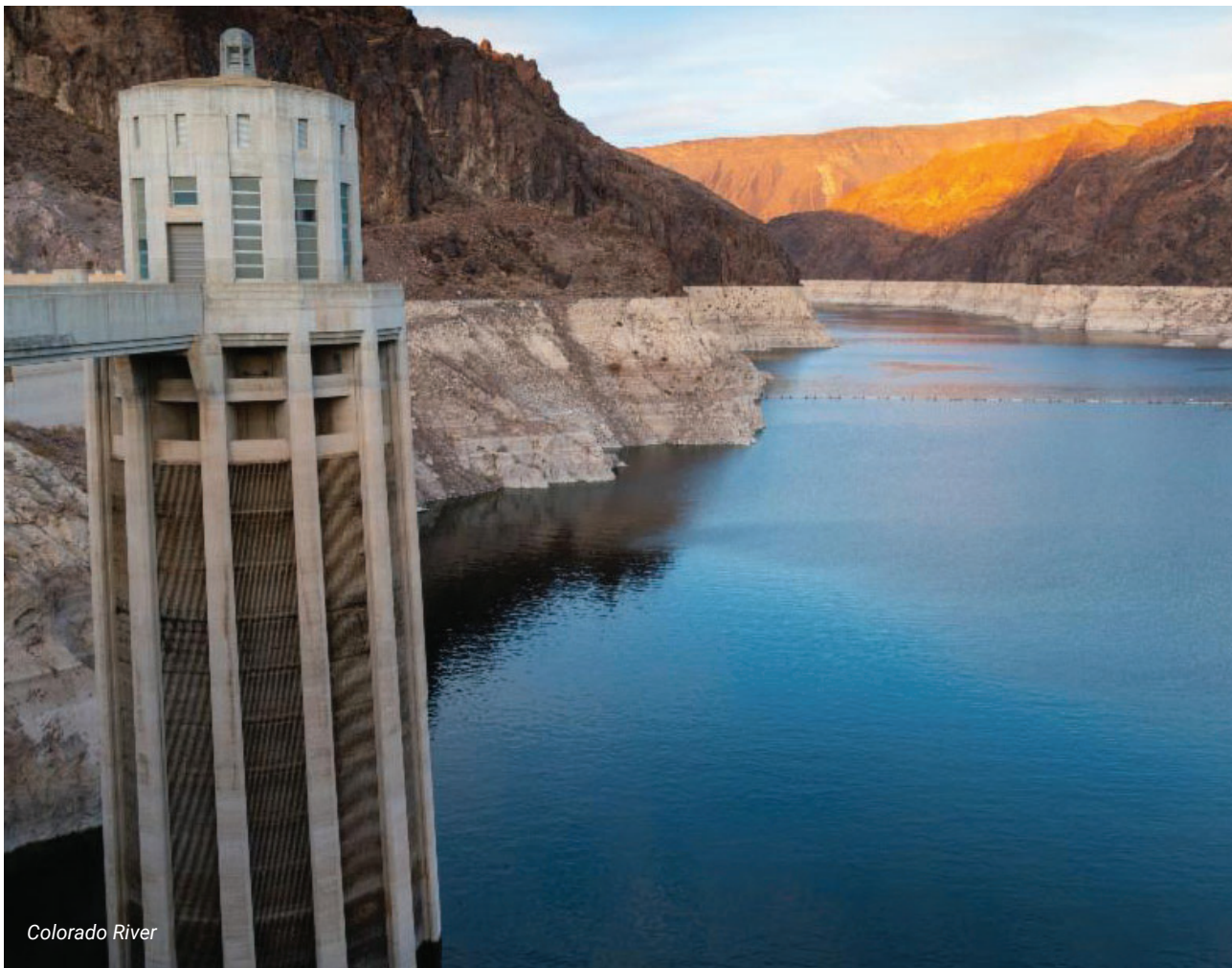
Figure 2-2. System Reliability Strategy

## 2.4 Water Quality Resilience

Maintaining Metropolitan's high water quality standard is essential to meeting Metropolitan's core mission and imperative to protecting public health. However, the compounding impacts of climate change including wildfires, drought, and extreme weather events, coupled with warming and extreme heat, are introducing new water quality challenges in Metropolitan's water supplies. Some potential climate-induced impacts on water quality include:

- Increased salinity due to saltwater intrusion and higher rates of surface water evaporation.
- Elevated turbidity and pollutant loads caused by high runoff events during extreme wet periods.
- Increased nutrient pollution and associated problems with harmful cyanobacteria blooms (cyanotoxins).
- More frequent reservoir anoxia and associated problems such as elevated manganese and sulfide concentrations.
- Increased chlorine demand and microbial activity such as nitrification in the distribution system.

Adapting to these water quality challenges may require investments in mitigation measures at source waters, more advanced water treatment processes, and improved management of the treated water distribution system. Climate change may push needed investments beyond what is required for general operations and maintenance and instigate a need for strategic infrastructure upgrades to address all water quality vulnerabilities. Additionally, water quality regulatory standards have become more stringent over time and this trend is expected to continue, making it more difficult to balance source water variability with evolving treatment and storage strategies.



For these reasons, water quality-focused adaptation strategies will be critical for long-term water quality resilience. Some actions that Metropolitan may consider through the CAMP4W process include:

- Enhancing research, mitigation, and response planning for high priority climate-induced water quality impacts.
- Expanding field monitoring, including increased use of innovative methods (e.g., automated samplers, remote sensing), to closely track source water quality and improve early detection capabilities at strategic locations.
- Optimizing operational strategies for raw water conveyances and storage reservoirs to mitigate declining water quality trends.
- Investing in infrastructure improvements (e.g., reservoir aeration, hypolimnetic oxygenation systems, chemical treatments to stabilize sediment nutrients) for higher risk parts of the source water system.
- Identifying and advocating for watershed management strategies to reduce point-source and diffuse nutrient and sediment pollution to address emerging water quality issues (e.g., more frequent and severe cyanotoxin-producing blooms, extreme turbidity events).
- Enhancing water treatment operations to address more frequent or extreme water quality challenges through process optimization and technology advancements.
- Upgrading water quality laboratory capabilities to expand sampling capacity, improve detection of new/emerging pollutants, and accelerate sample turnaround.

Moving forward, it will be essential to identify impacts and build specific protections around the direct and cascading impacts of climate change. By prioritizing water quality resilience, Metropolitan can safeguard its ability to provide high-quality water to the region even in the face of extreme climate-driven conditions.

### Examples of Water Quality Concerns Exacerbated by Climate Change

Treatment facilities and operations have evolved over time to provide Metropolitan with significant flexibility in terms of level of treatment and ability to blend water from different sources. Climate change is likely to place additional stress on the ability of existing systems to accommodate future variability.

For example, more frequent and severe harmful algal blooms could limit access to certain reservoirs for extended periods, reducing source water availability and increasing pressure on treatment operations. Additionally, shifting demand patterns—driven by long-term reductions in treated water demand and short-term fluctuations between wet and dry years—have created operational challenges, requiring systems to adjust to greater variability in both water quantity and quality. Compounding these challenges, increasingly stringent water quality regulations are expected to drive up treatment costs and may require additional treatment processes.

Proactively planning for these and other stressors is imperative for Metropolitan to remain resilient and adapt in the face of a changing climate, while continuing to deliver high-quality water to the region.



3.0

# Time-Bound Targets

Lake Mathews IO Tower - January 2025









Rialto Feeder - Inland Feeder Interie Project 1 (December 2024)

Time-Bound Targets will help guide the Board in making investment decisions. The targets are based on sound data analysis and the needs of the region. They are categorized as resource-based targets and policy-based targets, both of which are critical to informing the Board decisions. Time-Bound Targets pair with the tracking of Signposts. A key aspect of the adaptive management process is to evaluate if Time-Bound Targets require updating based on changing conditions. The following sections present the Time-Bound Targets and Signposts that will support the Implementation Strategy.

### 3.1 Resource-Based Time-Bound Targets

Resource-Based Time-Bound Targets are intended to guide investment decisions by defining the water supply needs required to address the gaps identified in the IRP Needs Assessment. These targets are based on the robust modeling and evaluation process completed during the most recent IRP update but are adaptive. They will be reviewed and may be updated when the IRP Needs Assessment is updated based on current trends and other factors that may impact needs at that time.

 <b>Resource-Based Targets</b> Numbers reflect additional supplies unless indicated otherwise	CATEGORY	NEAR TERM	MID TERM	LONG TERM
	 Core Supply <sup>1</sup>	N/A	Identify 300 TAF for potential implementation by 2035.  Alternatively, 250 TAF of new storage will reduce core supply need to 200 TAF	Identify 650 TAF for potential implementation by 2045. Alternatively, 250 TAF of new storage will reduce core supply need to 550 TAF or, 500 TAF of new storage will reduce core supply need to 500 TAF
	 Storage	Identify up to 500 TAF for potential implementation by 2035		
	 Flex Supply (Dry Year Equivalent)	Acquire capability for up to 100 TAFY		











#### Notes

<sup>1</sup> Core Supply sub-targets will be considered and may include targets for groundwater remediation and stormwater capture.

To remain adaptive to climate change, the Resource-Based Time-Bound Targets are independent of the selection of a specific future scenario, as no single future scenario can be predicted. By identifying actions needed to close the gap in Scenario D, which aligns with the Board's directive to plan towards Representative Concentration Pathway (RCP) 8.5, we ensure planning coverage across all scenarios. The intentional use of the term "identify" in the Time-Bound Targets for core supply and storage should be noted. This target specifically addresses the need to identify opportunities, where as implementation of selected options will be done at the discretion of the Board over time, based on IRP updates, Signpost tracking, and other factors such as risk tolerance. This ensures we plan appropriately by identifying opportunities early enough to be well informed prior to any investment decision on implementation, given the long lead-time required for project development. This methodology supports Metropolitan's core mission and will facilitate the region being adequately prepared and not unprepared for a given future.

## 3.2 Policy-Based Time-Bound Targets

Policy-based Time-Bound Targets are designed to guide Metropolitan's investment decisions towards projects, programs, initiatives, and partnerships that advance the policy objectives identified through the CAMP4W process. Some policy-based Time-Bound Targets identify measures that will encourage resource-based development goals to be met through preferred alternatives (e.g., conservation measures). Others set and support goals that function in parallel to resource-based development (e.g., greenhouse gas emissions targets). As with resource-based targets, policy-based targets are adaptive and can be revised over time as deemed appropriate.

 <b>Policy-Based Targets</b>	CATEGORY	NEAR TERM	MID TERM	LONG TERM
	 Equitable Supply Reliability	Add 160 CFS capacity to the SWPDA by 2027	Implement additional 130 CFS capacity to SWPDA by 2032	Implement capacity, conveyance, supply, and programs for SWPDA by 2045
	 Local Agency Supply <sup>1</sup>	Maintain 2.09 to 2.32 MAF (under average year conditions)	2.12 to 2.37 MAF (under average year conditions)	2.14 to 2.40 MAF (under average year conditions)
	 Demand Management <sup>2</sup>	Implement structural conservation programs to achieve 300 TAF by 2045		
	 Regional Water Use Efficiency	Assist Retail Agencies to achieve, or exceed, compliance with SWRCB Water Use Efficiency Standards <sup>3</sup>		
		GPCD target for 2030 <sup>4</sup>	GPCD target for 2035	GPCD target for 2045
	 Greenhouse Gas Reduction	N/A	40% below 1990 emission levels by 2030	Carbon Neutral by 2045
	 Surplus Water Management	Develop capability to manage up to 500 TAFY of additional wet year surplus above Metropolitan's Storage Portfolio and WSDM action		
	 Community Equity*			
	 Water Quality*			
	 Imported Water Source Resilience*			

\*Time-Bound Targets remain in the development phase and will be refined in 2025.

### Notes

**1** This initial target includes existing (and under construction) local agency supplies and can be augmented to include new local agency supply.

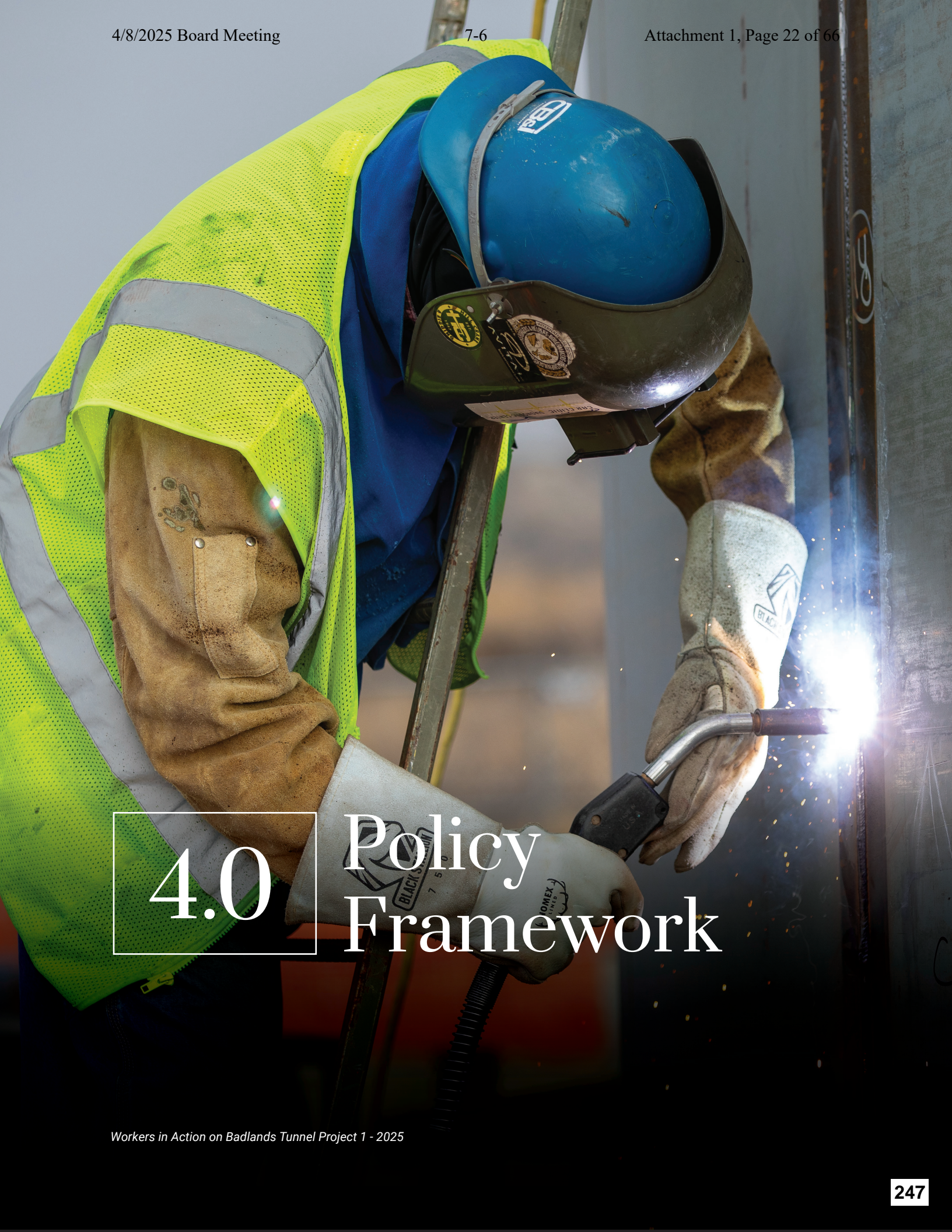
**2** Used to offset the need for additional core supply and using 2024 as a baseline.

**3** Each retail water supplier will report progress to the State Water Board annually through a Water Use Objective (WUO) equaling the sum of efficiency budgets for a subset of urban water uses: residential indoor water use, residential outdoor water use, real water loss and commercial, industrial and institutional landscapes

with dedicated irrigation meters. Each efficiency budget is calculated using a statewide efficiency standard and local service area characteristics (population, climate, etc.).

**4** Specific GPCD Time-Bound Targets will be identified based on final SWRCB standards. If the Board wishes to set a higher target, it would be designed to track water use efficiency trends by sector over time and will take local conditions, including climate, into consideration.





# 4.0 Policy Framework

Workers in Action on Badlands Tunnel Project 1 - 2025



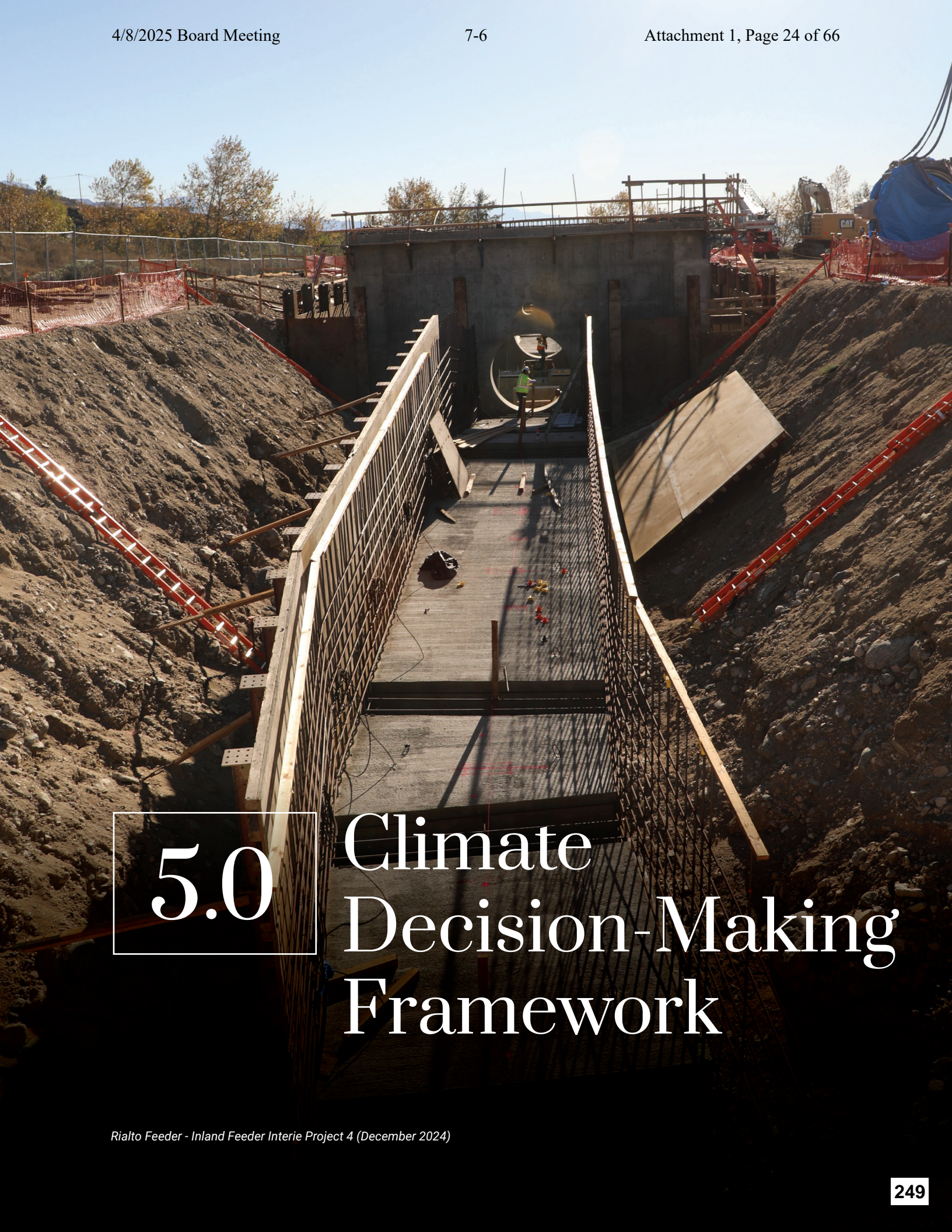
## 4.1 Climate Adaptation Policy Framework

The Climate Adaptation Policy Framework comprises five high-level policy statements, which support each of the Board-identified priority areas of Reliability, Resilience, Financial Sustainability, Affordability and Equity. In general, the Policy Framework will guide the implementation strategy (Section 6) and efforts to:

1. Systemically integrate climate adaptation to increase climate preparedness, deepen internal knowledge and understanding of impacts, and improve climate hazard response
2. Update existing and set new policies to strengthen the role of adaptive management and climate adaptation in Metropolitan's initiatives and decision making
3. Underscore the value of the Metropolitan Member Agency cooperative and other partnerships in achieving regional climate resilience

POLICY FRAMEWORK	IMPLEMENTATION EXAMPLES
 <p><b>Reliability</b> Metropolitan will consider climate risks and integrate climate adaptation and risk reduction strategies into water supply programs, policies, planning, and operations.</p>	<ul style="list-style-type: none"> <li>✓ Incentives for member agencies to increase regional water resilience</li> <li>✓ Infrastructure projects to improve access to water supplies</li> <li>✓ Watershed resilience projects to strengthen imported supplies</li> <li>✓ Programs to actualize benefits from wet weather year</li> <li>✓ Expand monitoring and predictive modeling to anticipate water quality challenges at strategic and high risk locations</li> </ul>
 <p><b>Resilience</b> Metropolitan will integrate climate risk and vulnerability assessments for climate-related hazards, including drought, extreme heat and precipitation, sea level rise, flooding, and wildfire, using the best available climate science and climate change information into planning, implementation, and operations.</p>	<ul style="list-style-type: none"> <li>✓ Develop Resilient Infrastructure Guidelines</li> <li>✓ Develop response indicators and action plans for primary climate threats to water quality</li> <li>✓ Assess power system vulnerabilities</li> <li>✓ Review workforce and equipment safety measures for climate risks</li> <li>✓ Update fire management plans for critical facilities</li> </ul>
 <p><b>Financial Sustainability</b> Metropolitan will reduce short-term and long-term climate-related financial risks through periodic reviews and potential refinement of its business model, active monitoring and managing of financial conditions, and by maintaining flexible financing alternatives.</p>	<ul style="list-style-type: none"> <li>✓ Track financial implications of climate-induced expenses</li> <li>✓ Consider updates to reserve policy</li> <li>✓ Consider adjustments to fixed and variable rate structures</li> </ul>
 <p><b>Affordability</b> Metropolitan will continue to support retail user affordability efforts that support our mission to provide regional wholesale water service in the most economically responsible way.</p>	<ul style="list-style-type: none"> <li>✓ Identify new partnerships, grants, and revenue sources for climate adaptation</li> <li>✓ Work with Member Agencies to identify funds for statewide low-income rate assistance</li> <li>✓ Enhance water conservation incentives to reduce financial impacts</li> </ul>
 <p><b>Equity</b> Metropolitan will engage with the diverse communities we serve to listen, communicate transparently, and co-create solutions for greater equity in climate adaptation planning and implementation.</p>	<ul style="list-style-type: none"> <li>✓ Develop community engagement standards</li> <li>✓ Develop environmental justice and community benefits policy</li> </ul>





# 5.0 Climate Decision-Making Framework

*Rialto Feeder - Inland Feeder Interie Project 4 (December 2024)*



The desire to develop a standardized methodology to evaluate climate adaptation investments and inform decision-making was a primary driver for initiating the CAMP4W process. One of the goals from the beginning of the process was to ensure common data and analyses are applied consistently and transparently, and in consideration of a changing climate and deep uncertainty.

The Climate Decision-Making Framework therefore defines a consistent, stepwise process of making project and program investment decisions (Figure 5-1). It is based on Metropolitan priorities and the need to remain reliable and resilient into the future, while considering financial sustainability, affordability, and equity. Figure 5.1 illustrates the high-level Climate Decision-Making Framework.

The following sections provide a more detailed discussion on key components, including the evaluative criteria and the project and program assessment tools and the integration process for how these elements will be infused into Metropolitan's processes. Also presented is the framework for monitoring and reporting as part of the adaptive management process, and the process for continuing to engage the public and interested parties to ensure transparency and input.

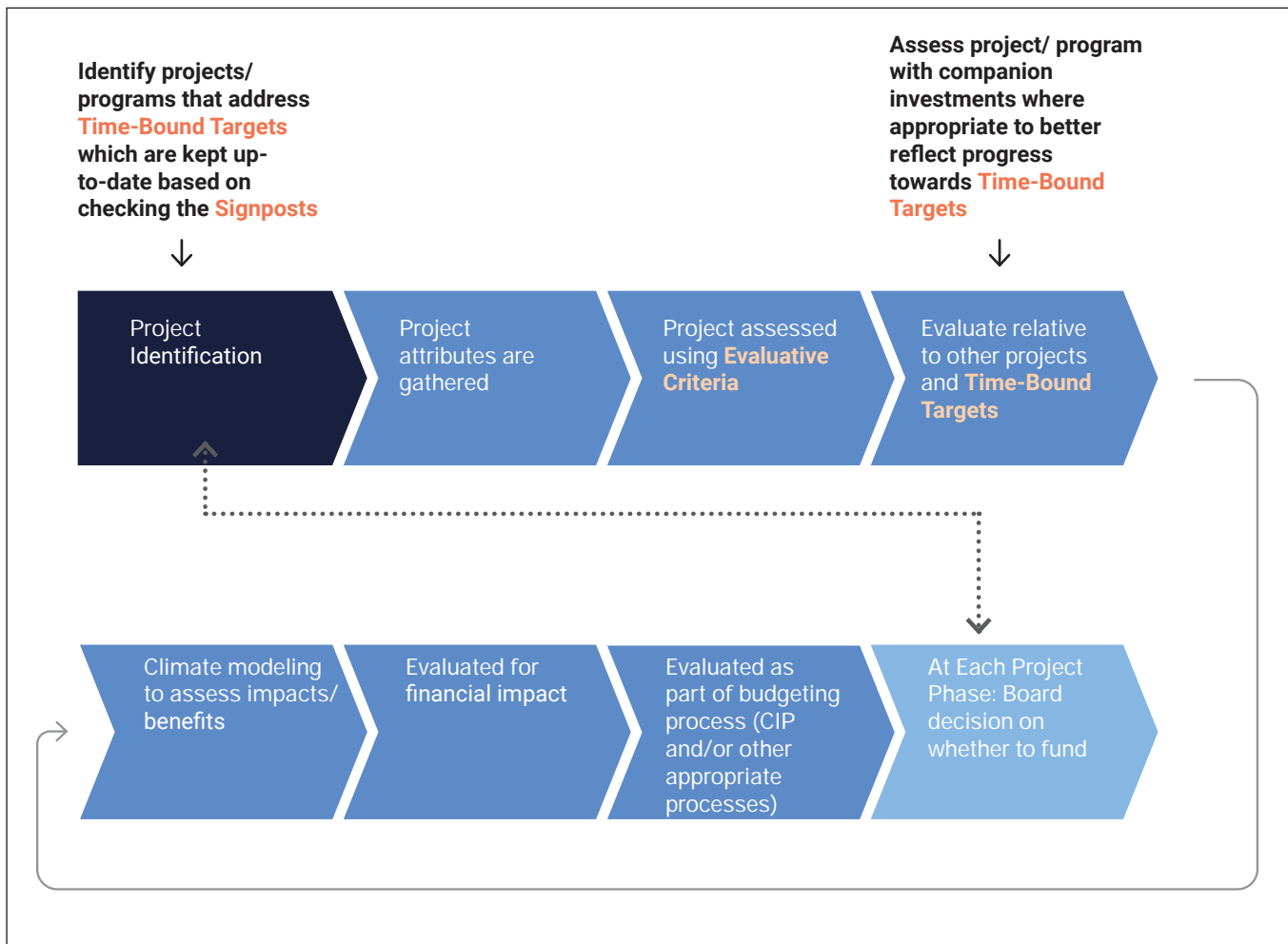








Figure 5-1. Climate Decision-Making Framework

## 5.1 Evaluative Criteria and Assessment Tools

Evaluative Criteria represents a defined set of metrics used to assess projects and programs and support the Board's decision-making process. Evaluative Criteria are used in collaboration with the Time-Bound Targets and Signposts to support decisions: Time-Bound Targets set the goals, Signposts assess real-world conditions to ensure the targets are appropriate, and Evaluative Criteria facilitates decisions for projects and programs to help Metropolitan move closer to the targets.

Figure 5-2 presents the Evaluative Criteria. Through the CAMP4W process, the Board expressed its preference to select an evaluation process that combines both quantitative and qualitative elements into the comprehensive assessment, supported by a series of questions. The Comprehensive Assessment Form is presented in Appendix A and will be used for all projects and programs evaluated under CAMP4W. This form, once completed, will be presented to the Board along with additional project and program supporting documentation to assist the Board in its deliberations.

The next section illustrates how this assessment approach integrates into the Board's overall decision-making process. Ultimately, decisions will be made by the Board at its discretion, and these tools will help facilitate a uniform, methodical, and transparent assessment process.

 <b>RELIABILITY</b>	 <b>RESILIENCE</b>	 <b>FINANCIAL SUSTAINABILITY &amp; AFFORDABILITY</b>
Supply Performance Equitable Reliability	Addresses known risks and vulnerabilities Project, Program or Portfolio's ability to perform under climate impacts	Total Cost, Unit Cost, Lifecycle Cost
Assess how a project or program performs under various hydrologic conditions, the extent to which it helps close gaps identified in the IRP Needs Assessment, and how it can address an inequity in supply reliability.	Evaluates how the project or program addresses known risks and vulnerabilities and how it performs under climate impacts.	Assess a project's financial sustainability and affordability based on its unit cost Total Cost, Unit Cost, Lifecycle Cost and other factors.
 <b>ADAPTABILITY &amp; FLEXIBILITY</b>	 <b>EQUITY</b>	 <b>ENVIRONMENTAL CO-BENEFITS</b>
Flexibility of existing assets Ease / Complexity Scalability	Programs for underserved communities Scale of community engagement Public health benefits Workforce development	Greenhouse gas emissions Benefits Ecosystem services Habitat/wildlife benefits
Considers how a project or program improves operational flexibility, the difficulty of implementation, and if a program is able to be phased. Flexibility addresses the capability of Metropolitan's system to respond to changes in water supply, water quality, treatment requirements, or demands during planned and unplanned facility outages.	Consideration of underserved communities, scale of community engagement, public health, and workforce development.	Measures greenhouse gas emissions, ecosystem services, and benefits to habitat and wildlife.

**Figure 5-2. Evaluative Criteria**

## 5.2 Integrated Implementation Processes

CAMP4W integrates climate adaptation into Metropolitan's existing processes to ensure a holistic approach and the efficient and effective delivery of projects and programs. Figure 5-3 presents the overall process. As shown, projects and programs meeting the threshold for CAMP4W evaluation receive additional analysis consistent with the rest of the existing processes.

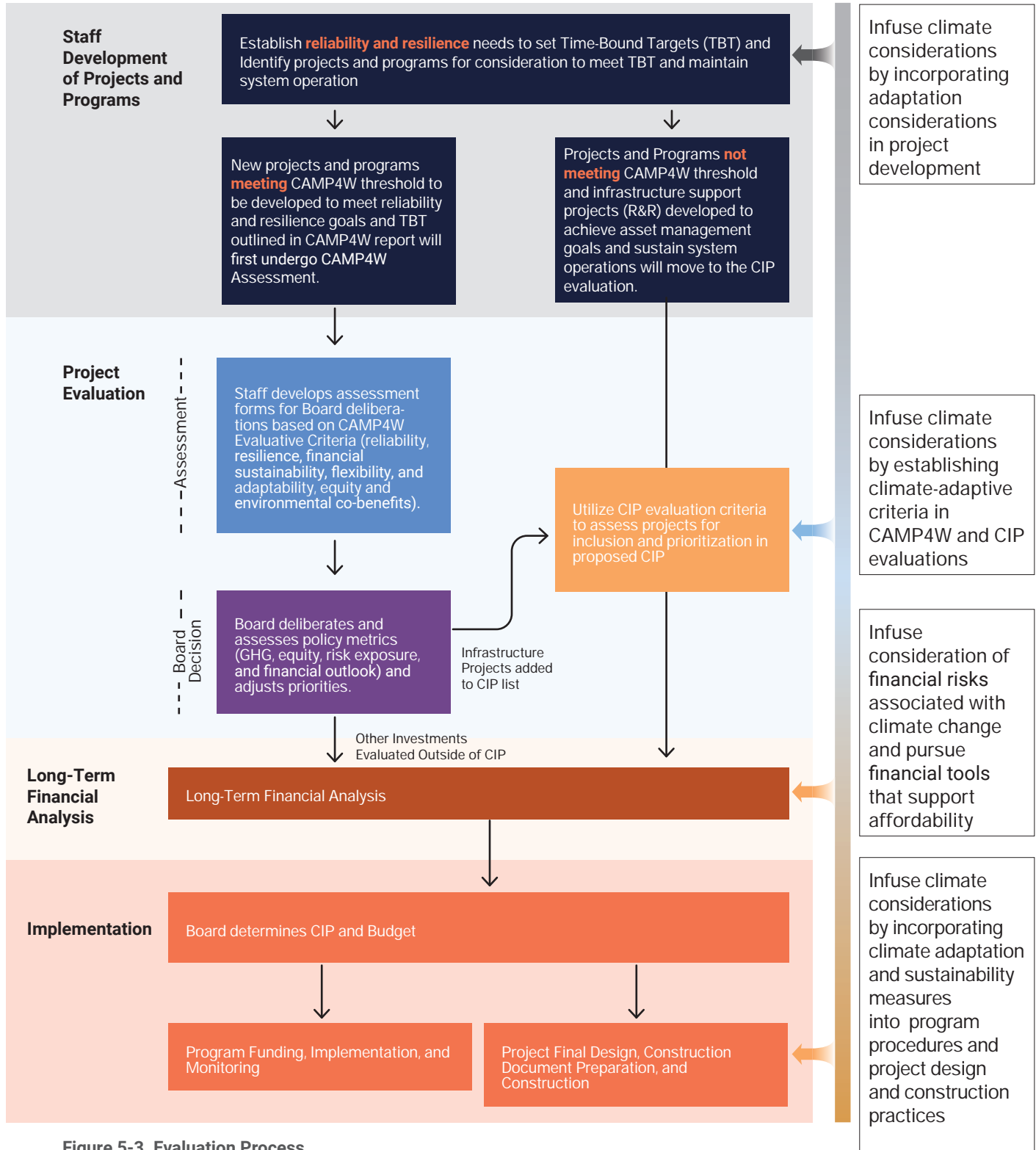


Figure 5-3. Evaluation Process

### 5.3 Adaptive Management, Monitoring and Reporting, and Signposts

Adaptive management is a cornerstone of the CAMP4W process. By embracing the need to be nimble and open to revision and adjustments over time, Metropolitan can manage uncertainty about the future and remain responsive to evolving conditions.

The CAMP4W Annual Report provides the structure for adaptive management by presenting key information on an annual basis to track trends and adjust Time-Bound Targets as needed. It provides a means for informing the Board on progress toward climate resilience and resource reliability.

The Annual Report will be used to support Board deliberations on investment decisions, understand if updates are required to the Time-Bound Targets, and identify any other area that requires an update. Content presented in the CAMP4W Annual Report includes the following:

- The status of each Signpost, which includes Water Supply Reliability Signposts, Infrastructure Signposts, and Financial Signposts, as presented in Section 5.3.1
- Updates on progress towards achieving the Time-Bound-Targets;
- Implementation highlights, which include projects, programs, policies, partnerships, initiatives, and public outreach.

Figure 6-1 presents a high-level overview of the schedule for CAMP4W reporting and updates.

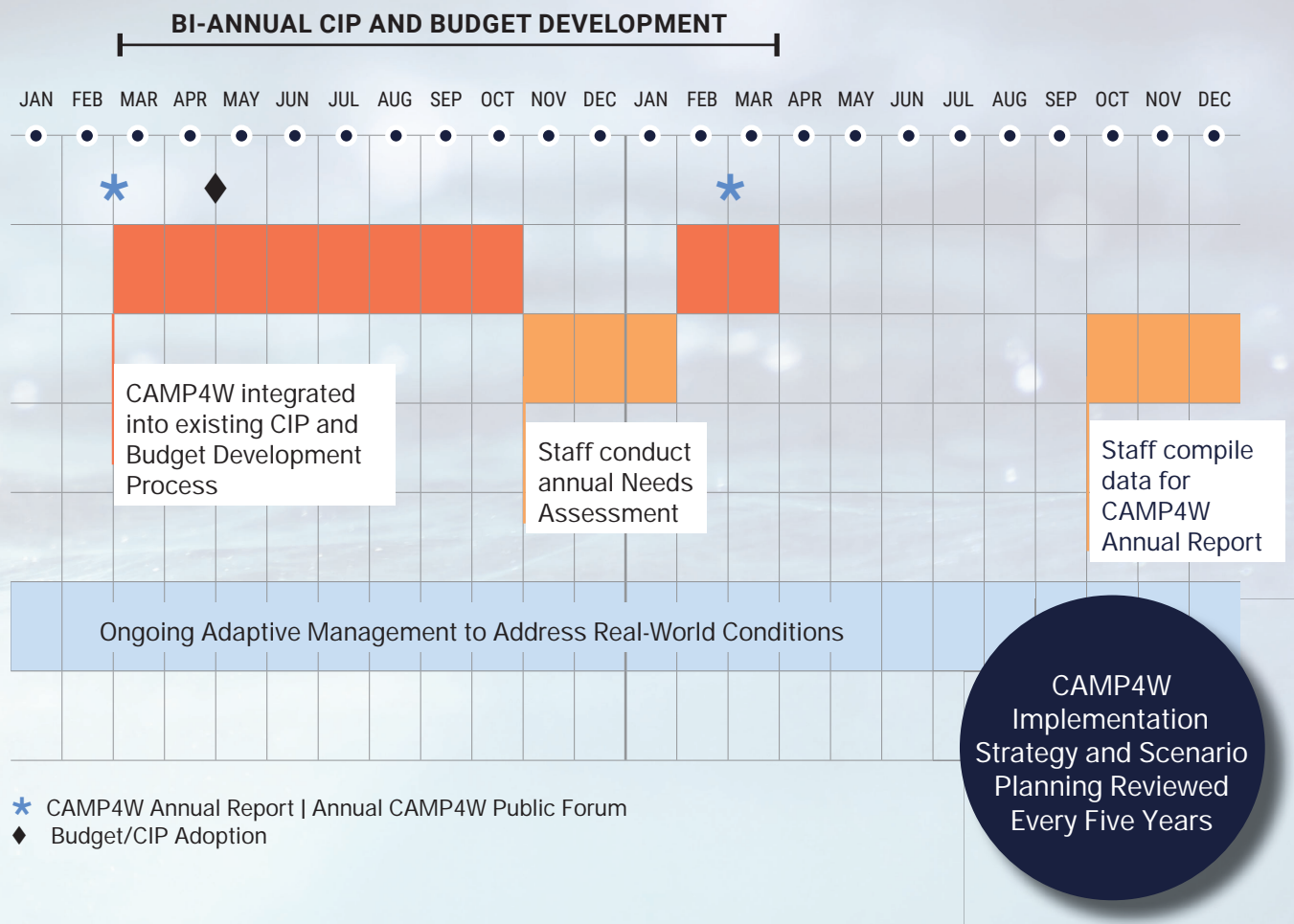


Figure 5-4. Schedule of CAMP4W Reports and Updates



Tracking Signposts will allow the Board to make investment decisions based on the most updated review of trends.

5.3.1 Signposts

As the scenario planning approach helps account for a range of potential supply gaps, tracking Signposts will facilitate regular updates to support Board deliberations by providing the most recently available data on an annual basis (see Section 5.3 for a discussion on annual reporting). Signposts serve as measurable indicators of the direction and trends of factors that can significantly impact decisions. Although Signposts do not eliminate uncertainty, they offer a data-driven understanding of patterns, helping to contextualize trends over time and enhance decision-making. The Signposts will serve as an important tool for adaptive management and to support decisions on project and program investments, strategy development, and initiatives. The CAMP4W Annual Report includes ongoing tracking of Signposts for water supply and demand as well as infrastructure and financial Signposts. The Signposts are presented below.

WATER SUPPLY RELIABILITY SIGNPOSTS	Demographics	INFRASTRUCTURE AND FINANCIAL SIGNPOSTS	Frequency of infrastructure R&R from climate related conditions
	Climate change		Cost of infrastructure R&R from climate related conditions
	Local agency supply		Emergency response frequency due to climate related impacts
	Imported supply		Emergency response costs due to climate related impacts
	Storage		



# 6.0 Adaptation Strategies and Five-Year Implementation Timelines



## 6.1 Overview

The CAMP4W Time-Bound Targets and Policy Framework drive the development of adaptation strategies (projects, programs, initiatives, etc.) to ensure Metropolitan's reliability and resilience in a climate-impacted future. The Climate Decision-Making Framework focuses the assessment of projects and programs on the Board-identified priorities of Reliability, Resilience, Financial Sustainability and Affordability, Adaptability and Flexibility, Equity and Environmental Co-Benefits. Signposts help guide investment decisions by tracking real-world trends and informing the modification of targets as needed. Those elements define the process for the Board to make decisions over time.

This section presents the five-year timelines for climate adaptation and risk reduction strategies identified to date in the categories of projects, studies, programs, policies, and initiatives (Figures 6-1 and 6-2). While the development of most of the projects listed predated the CAMP4W process, those projects will be assessed using the CAMP4W decision-making framework to ensure consistency with the Board's priorities. Ongoing and newly initiated studies, programs and initiatives are also included as potential sources of new climate adaptation and risk reduction strategies for future Board deliberation.

The timelines presented in Figures 6-1 and 6-2 include anticipated Board decision points as well as key milestones based on currently available information. The timelines provide the Board an overall understanding of the wide range of alternatives available to achieve the region's needs so that the most effective strategies are implemented based on a comprehensive assessment of each option. There is also a brief overview of identified climate adaptation strategies in Sections 6.3 and 6.4. Because this information is based on currently available information and data and each strategy is in a different phase of development, dates and processes are subject to change and will be updated as needed.

## 6.2 Implementation Timelines

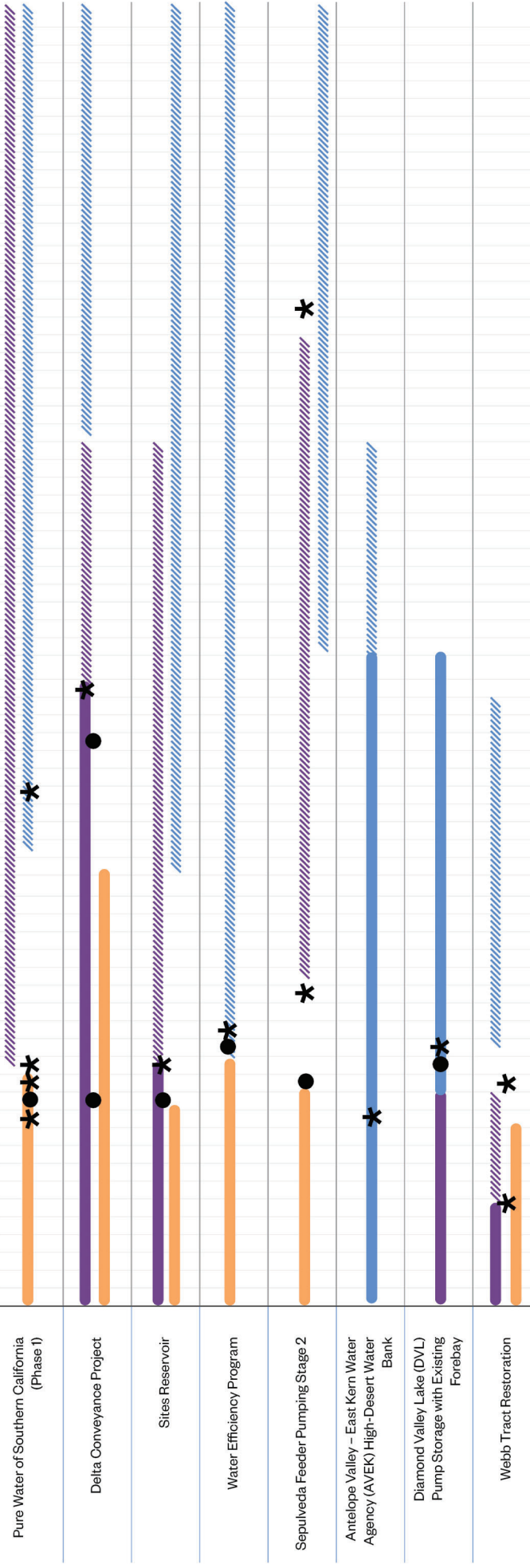
The following Figures 6-1 and 6-2 present the implementation timelines for projects, programs, policies, and initiatives. The sections that follow provide a brief overview of each strategy identified. As this is an adaptive plan, the dates and list of strategies will be subject to change over time.

# Adaptation Strategies: Water and Energy Projects Planned for CAMP4W Assessment

Timelines are subject to change based on new and evolving information



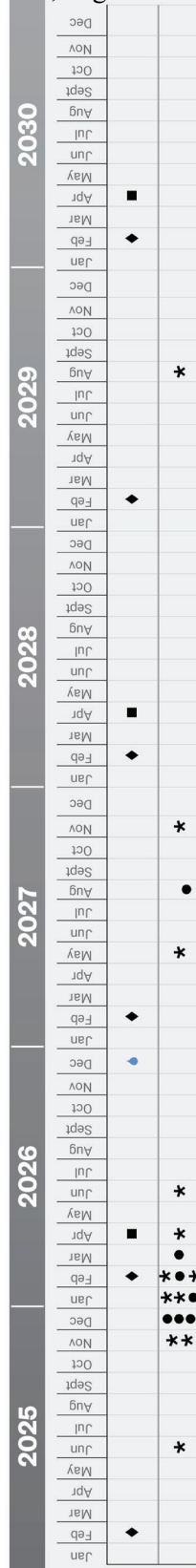
## CURRENTLY IDENTIFIED WATER AND ENERGY SUPPLY PROJECTS



## BOARD TIMELINE

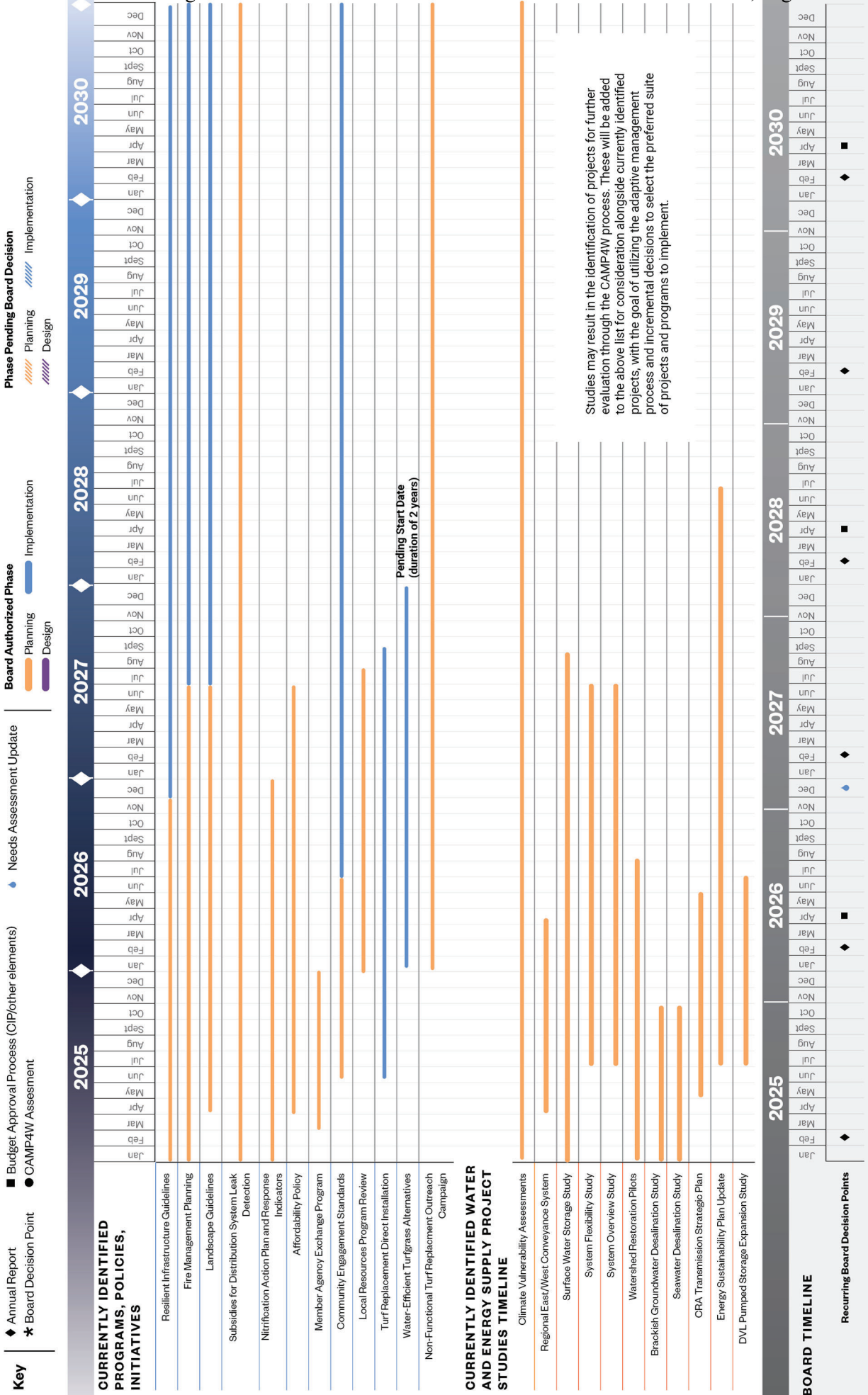
### Recurring Board Decision Points

### Project Specific Board Decision Points (summary of above)



Timelines are subject to change based on new and evolving information

# Adaptation Strategies: Studies, Programs, Policies and Initiatives





## 6.3 Projects

The adaptive management process will facilitate the selection and implementation of projects following CAMP4W Comprehensive Assessments and Board deliberation. This involves making investment decisions incrementally over time, at various stages (planning, design, implementation, etc).

Below is the initial list of projects that will be assessed under the Climate Decision-Making Framework that are either underway or will be underway in the next five years.

### 6.3.1 Pure Water Southern California Phase I and II

The Pure Water Southern California program is a partnership between the Metropolitan Water District of Southern California and the Los Angeles County Sanitation Districts. The program uses advanced water purification to recycle cleaned wastewater for indirect and direct potable use. It could produce up to 150 million gallons of water daily, enough for 1.5 million people.

### 6.3.2 Delta Conveyance Project

The Delta Conveyance Project is a conveyance project proposed by the California Department of Water Resources. It includes the construction of two new intakes on the Sacramento River in the north Delta, an underground tunnel 45 miles in length and 36 feet in diameter, and a pumping plant to lift water from the terminus of the pipeline into the Bethany Reservoir at the beginning of the California Aqueduct.

### 6.3.3 Sites Reservoir

The Sites Reservoir Project is led by the Sites Project Authority, a joint powers authority made up of irrigation agencies, water districts, cities, and counties in the Sacramento Valley. It is a proposed 1.5-million-acre foot off-stream reservoir designed to capture rainwater that would be integrated with the State Water Project and Central Valley Project.



*Diamond Valley Lake IO Tower*

### 6.3.4 Water Efficiency Program

Metropolitan's Water Efficiency Team offers a suite of programs and incentives including conservation rebates for indoor and outdoor water-saving measures, investments in innovative efficiency strategies, public outreach and marketing, sponsorships for community-based organizations, and education programs.

### 6.3.5 Sepulveda Feeder Pumping Stage 2

On the western side of the service area, Metropolitan is designing and will construct the first stage of two new pump stations (30 cfs) along its Sepulveda Feeder to allow delivery of up to 22,000 acre-feet of additional water annually from the Diemer and Weymouth Water Treatment Plants during SWP shortages. A potential second stage (160 cfs) is in the planning process and will be evaluated through the CAMP4W process.

### 6.3.6 Antelope Valley-East Kern Water Agency (AVEK) High Desert Water Bank Partnership

The High Desert Water Bank is a partnership with the Antelope Valley-East Kern Water Agency (AVEK) allowing Metropolitan to store and access State Water Project supplies in the Antelope Valley groundwater basin. The project includes recharge basins, recovery and monitoring wells, and a connection to the California Aqueduct. Additional treatment facilities are underway.

### 6.3.7 Diamond Valley Lake (DVL) Pumped Storage with Existing Forebay

Diamond Valley Lake, completed in the 1990s, was built to store up to 810,000 acre-feet of water. The existing adjacent forebay has the potential to provide pumped storage hydropower. Pumped storage hydropower is an energy storage solution where energy is stored and generated by moving water between two reservoirs located at different elevations. At times of low electricity demand, when energy is inexpensive or renewable supplies exceed demand, the excess energy is used to pump water to an upper reservoir; during periods of high electricity demand or cost, the stored water is released through turbines from the upper reservoir into the lower one generating clean energy.

### 6.3.8 Battery Energy Storage Systems

Metropolitan is adding battery energy storage systems (BESS) to existing solar facilities at the Jensen, Skinner, and Weymouth Water Treatment Plants to manage daily power use and costs as well as resilience during emergency events. The projects are partially funded by the California Public Utilities Commission's enhanced incentives for microgrid-capable BESS at critical facilities.

### 6.3.9 Webb Track Restoration

Webb Tract, located in the Sacramento-San Joaquin Delta region, is one of four islands owned by Metropolitan. Funded by the Sacramento-San Joaquin Delta Conservancy's Nature Based Solutions grant program, the Webb Tract Wetland Project is a multi-benefit approach to ecosystem restoration and sustainable farming.

## 6.4 Studies, Programs, Policies, and Initiatives

In addition to an anticipated timeline for evaluating projects (Figure 6-1), the Implementation Strategy includes proactive measures to assess and address climate risks. These strategies include programs, studies, policies, and initiatives (Figure 6-2). Below is an initial set of brief descriptions.

### 6.4.1 Resilient Infrastructure Guidelines

To ensure climate adaptation planning and implementation is integrated across Metropolitan, inclusive of all infrastructure projects including R&R projects and new infrastructure projects, Metropolitan will develop design guidelines based on engineering standards and climate adaptation and risk-reduction considerations.

### 6.4.2 Fire Management Planning

Metropolitan is assessing the fire-related risks and vulnerabilities at all its facilities. Critical facilities will undergo a more thorough assessment and fire management strategies will be developed and considered for implementation.

### 6.4.3 Landscape Guidelines

Metropolitan will develop landscape guidelines for consistent implementation at all Metropolitan facilities to address water efficiency and fire risks.

### 6.4.4 Subsidies for Distribution System Leak Detection

Reducing leaks in the distribution system directly benefits the region by reducing demands on Metropolitan. This program will evaluate alternatives to provide subsidies that will detect system leaks and establish how those subsidies will be developed, funded, and implemented.

### 6.4.5 Nitrification Action Plan and Response Indicators

Nitrification can at times be an issue in chloraminated drinking water systems and is caused by factors such as warm water temperatures and extended water age, due to long detention times during low demand periods. Given anticipated temperature increases and reduced demands, Metropolitan will develop response indicators and an action plan for addressing this water quality related climate threat.

### 6.4.6 Affordability Policy

Metropolitan will develop a policy for considering and integrating affordability considerations, including efforts to support retail agencies' affordability efforts. This will work towards continuing to support Metropolitan's mission to provide regional wholesale water service in the most economically responsible way.



### 6.4.7 Member Agency Exchange Program

As Metropolitan reviews its current business model, facilitating exchanges among Member Agencies is under consideration. Establishing potential guidelines and conditions will provide options that incorporate Member Agency needs.

### 6.4.8 Community Engagement Standards

Metropolitan will develop community engagement standards to guide engagement activities and programs and inform project and program assessments under the Climate Decision-Making Framework.

### 6.4.9 Local Resources Program Review

Metropolitan has successfully implemented its Local Resources Program for decades, assisting Member Agencies with funding for critical projects that have increased regional reliability. Metropolitan will review the program and refine if needed.

### 6.4.10 Turf Replacement Direct Installation

The turf replacement program may benefit from direct installation, particularly for users with limited means to self-fund the turf replacement. Metropolitan will explore options and evaluate how a program of this type may provide the most benefits, both to increase the number of users and from a cost-effectiveness standpoint.

### 6.4.11 Water-Efficient Turfgrass Alternatives

New technologies and research studies are emerging, and Metropolitan will evaluate how those may benefit the region and how programs may be implemented.

### 6.4.12 Non-Functional Turf Replacement Outreach Campaign

The non-functional turf program provides resources to remove and replace non-functional turf (e.g., turf that serves limited use) with climate appropriate alternatives to reduce demands on Metropolitan. An outreach campaign provides consistent messaging and information for all potential users.

### 6.4.13 Climate Vulnerability and Risk Assessments

Metropolitan developed the initial Climate Vulnerability and Risk Assessment document to help plan towards a future impacted by climate change. To implement the findings of this and planned future efforts, Metropolitan must establish a uniform methodology for performing assessments across its service area.

### 6.4.14 Regional East/West Conveyance System Study

The Regional East/West Conveyance System Study would look at multiple scenarios for conveying untreated Colorado River water; stored water from DVL, AVEK, or Lake Mathews; and future Pure Water Southern California (PWSC) supplies to assess all alternatives.

### 6.4.15 Surface Water Storage Study

An initial study identifying potential locations for new surface storage has been completed. The study identified locations that are in-region and can provide a direct benefit to the western SWP-dependent area, as well as locations within the west San Joaquin Valley that can provide a benefit to the whole service area. The next phase of the analysis will refine the evaluation criteria and create a short list of sites for a more detailed evaluation.



### 6.4.16 System Flexibility Study

The System Flexibility Study considers Metropolitan's ability to respond to short-term changes in water supply, water demands, and water quality and the ability to meet Member Agency needs during planned or unplanned outages. Metropolitan frequently meets with Member Agencies to discuss the findings and evaluate potential solutions in the event that the modeled conditions were to occur.

### 6.4.17 System Overview Study

The System Overview Study is used to understand how the system can address supply gaps, evaluate facilities required to deliver imported water supply and evaluate policies and guidelines for infrastructure improvements.

### 6.4.18 Watershed Restoration Pilots

Watershed Restoration Pilots support Metropolitan's One Water approach and Bay-Delta Policies to improve water supply resilience in the face of climate change. Investigations will create opportunities for additional science, foster collaborative relationships in the upper watersheds, and establish a methodology for valuing ecosystem services.

### 6.4.19 Brackish Groundwater Desalination Study

The Brackish Groundwater Desalination Study will identify the potential for the development of additional potable water supplies through brackish groundwater desalination. The study will also assess the opportunity for integration in adjacent water distribution systems and regional water systems.

### 6.4.20 Seawater Desalination Study

The Seawater Desalination Study will identify the potential for the development of additional potable water supplies through seawater desalination. The study will also assess the opportunity for integration in adjacent water distribution systems and regional water systems.

### 6.4.21 Colorado River Aqueduct (CRA) Transmission Strategic Plan

Metropolitan's ownership and operation of the CRA and its power transmission system, including five pumping plant facilities along the CRA, is vital to Metropolitan's mission. The CRA Transmission Strategic Plan will provide recommendations for sustainably managing and improving the system for long-term reliability, affordability and resilience.

### 6.4.22 Energy Sustainability Plan Update

Metropolitan will update its 2020 Energy Sustainability Plan (ESP). The ESP's purpose is to facilitate informed energy management and investment decisions through consideration of energy cost containment, system reliability, affordability, environmental co-benefits and climate adaptation.

### 6.4.23 Diamond Valley Lake (DVL) Pumped Storage Expansion Study

Metropolitan will evaluate the potential expansion of the pumped storage program at Diamond Valley Lake to provide additional carbon-free energy to the system.





# Appendix



# Metropolitan Water District of Southern California CAMP4W Comprehensive Assessment

Metropolitan is committed to meeting its mission in the face of a changing climate by developing projects and programs that advance Time-Bound Targets, consistent with the Board's priorities. This comprehensive assessment is a key part of the Climate Decision-Making Framework and will be used to support Board deliberations on which projects and programs Metropolitan should pursue.

## Project/Program/Portfolio at a Glance

Title of Project/Program/Portfolio

Status (planning/design/implementation) and Date

Capacity (if applicable)

Capital Cost

Operation/Maintenance or Ongoing Cost

Description and how the project/program/portfolio supports water supplies, reliability and/or delivery

Portfolio view and additional potential companion projects/programs/portfolios

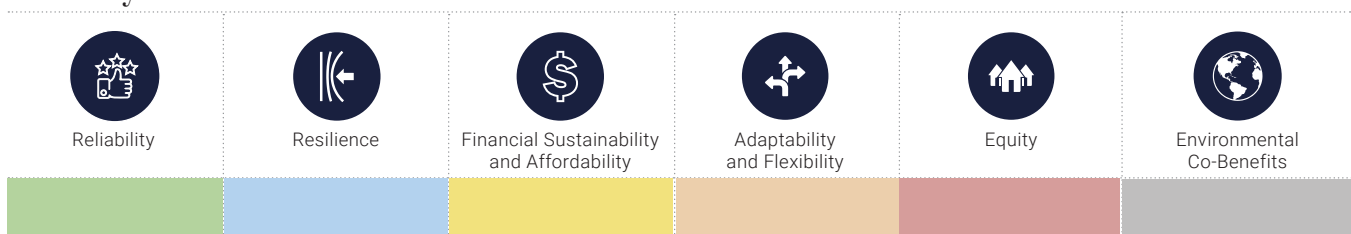
## Summary of Assessment and Staff Recommendation

Each criteria and attribute presented on the following pages includes a description of the quantitative and qualitative measures relevant to the proposed project or programs, as well as, Metropolitan staff's recommendation.

## What Time-Bound Targets Does the Project/Program/Portfolio Address?



## Summary of Assessment and Staff Recommendation (see footnote on Page 2 for ranking guidelines)



See the following pages for a detailed assessment across each Evaluative Criteria category.

# Map or Location Information Related to the Project, Program or Portfolio

## Project, Program or Portfolio Location Information




### Footnote: Ranking Guidelines Overall

These **rankings** define which level a project, program or portfolio will deliver CAMP4W objectives overall.

	Exceptional
	Significant
	Moderate
	Limited
	Very Limited
	Not Yet Determined / Not Applicable

# Comprehensive Assessment by Evaluative Criteria

## Assessment

Evaluative Criteria	Attributes	Assessment	Value
 <b>Reliability</b> Supply Performance Equitable Reliability	1. To what extent does it help meet regional supply reliability objectives under changing climate conditions?		
	2. To what extent does it advance equitable supply reliability?		
	3. When will it be operational? What is the useful life of the project/program/portfolio? How will benefits continue beyond the 2045 planning horizon under changing climate conditions?		
	4. Are there additional projects/programs/portfolios that could be added to improve this project/program/portfolio's effectiveness for water supply reliability?		
	5. How does this project/program/portfolio improve the water supply reliability of existing projects/programs/systems?		

## Additional Information

Please describe how the proposed project, program, or portfolio advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies and initiatives at Metropolitan.

### Key

Exceptional	Significant	Moderate	Limited	Very Limited	Undetermined or Not Applicable
-------------	-------------	----------	---------	--------------	--------------------------------


### Ranking Guidelines at the Attribute Level

Defining to which level a project, program or portfolio will deliver CAMP4W objectives for each attribute category.

Exceptional	The project/program/portfolio directly and completely addresses the benefits being assessed by the question/statement.
Significant	The project/program/portfolio directly addresses most elements of the benefits being assessed by the question/statement.
Moderate	The project/program/portfolio only addresses some elements of the benefits being assessed by the question/statement or addresses them indirectly.
Limited	The project/program/portfolio only addresses few or minor elements of the benefits being assessed by the question/statement or provides minor indirect benefits.
Very Limited	The project/program/portfolio does not provide any or very limited benefits to those being assessed by the question/statement.
Undetermined or Not Applicable	The ranking for this project/program/portfolio is not determined at this time or the attribute is not applicable.

Overall Assessment ..... Overall Assessment Value .....



Assessment		Attributes	Assessment	Value
<b>Evaluative Criteria</b>   <b>Resilience</b> Addresses known risks and vulnerabilities  Project, Program or Portfolio's ability to perform under climate impacts	1.	How does it perform under identified climate vulnerabilities and hazards (e.g., extreme heat, wildfire, sea level rise, flooding)?  *Drought is addressed in Reliability		
	2.	How does it maintain system reliability, including delivery and water quality, under identified climate vulnerabilities and hazards (e.g., extreme heat, wildfire, sea level rise, flooding)?  *Drought is addressed in Reliability		
	3.	Describe any resilience co-benefits (e.g., seismic) achieved through this project, program, or portfolio.		

## Additional Information

Please describe how the proposed project, program, or portfolio advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies and initiatives at Metropolitan.

## Key

Exceptional	Significant	Moderate	Limited	Very Limited	Undetermined or Not Applicable
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Undetermined or Not Applicable	The ranking for this project/program/portfolio is not determined at this time or the attribute is not applicable.

## Overall Assessment Value


Overall Assessment





# Comprehensive Assessment by Evaluative Criteria

## Assessment

Evaluative Criteria	Attributes	Assessment
<b>Financial Sustainability and Affordability</b>  Unit cost	1. What is the cost of the project?	
	2. What are the projected impacts to rates and budget?	
	3. If applicable, what is the unit cost/acre foot in current year dollars? For storage projects, what is the cost/capacity?	
	4. Does considering life cycle cost change the Financial Sustainability and Affordability?	Value
	5. Is it eligible for federal and/or state grants? If so, what are the estimated target amount(s)? Is there a local match requirement? If so, how much?	
	6. Does it have a revenue generation component that helps offset costs?	
<b>Additional Information</b>		

Please describe how the proposed project, program, or portfolio advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies and initiatives at Metropolitan.

### Key

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Undetermined or Not Applicable	The ranking for this project/program/portfolio is not determined at this time or the attribute is not applicable.

Overall Assessment Value

Overall Assessment



# Comprehensive Assessment by Evaluative Criteria

## Assessment

Evaluative Criteria	Attributes	Assessment	Value
<b>Adaptability and Flexibility</b> Flexibility of existing assets Ease / Complexity Scalability	1. Describe how it works with and/or improves the flexibility of existing assets, plans, policies or programs and how it improves the ability to adjust to systemwide changes (water quality, source water, distribution interruption).		
	2. Explain how complex the day-to-day operations might be (example: staffing, maintenance, preparation).		
	3. How can it be phased (i.e., near-term value of an initial phase, using phasing to manage existing uncertainty; using phasing to allow for adjustments in the project/program/portfolio as new information is developed)?		
	4. What is the implementation risk and/or complexity of implementation?		

## Additional Information

Please describe how the proposed project, program, or portfolio advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies and initiatives at Metropolitan.

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Undetermined or Not Applicable	The ranking for this project/program/portfolio is not determined at this time or the attribute is not applicable.

Overall Assessment ..... Overall Assessment Value .....



## Assessment

Evaluative Criteria	Attributes	Assessment	Value
 <b>Equity</b> Programs for underserved communities Scale of community engagement Public health benefits Workforce development	1. What percentage of the area served by the project, program, or portfolio includes underserved communities and what percentage of the project/program/portfolio area is in underserved communities?		
	2. What specific community benefits are included in the project, program, or portfolio?		
	3. What level of community, tribal, and partner engagement is included in the project, program, or portfolio?		
	4. Describe the extent and reasons why there is broad community support/opposition or potential for support/opposition.		

## Additional Information

Please describe how the proposed project, program, or portfolio advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies and initiatives at Metropolitan.

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Very Limited	The project/program/portfolio does not provide any or very limited benefits to those being assessed by the question/statement.
Undetermined or Not Applicable	The ranking for this project/program/portfolio is not determined at this time or the attribute is not applicable.

Overall Assessment Value

Overall Assessment



## Assessment

Evaluative Criteria	Attributes	Assessment	Value
 <b>Environmental Co-Benefits</b> Greenhouse gas emissions Benefits Ecosystem services Habitat/wildlife benefits	1. What are the estimated greenhouse gas emissions or enhanced carbon sequestration, and how does it impact the carbon budget, as defined by the Climate Action Plan?		
	2. In what way and to what degree does it provide additional ecosystem services?		
	3. To what extent does it protect, improve, or expand wildlife and fish habitat and/or affect flows in ways that improve ecological functions for native species?		

## Additional Information

Please describe how the proposed project, program, or portfolio advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies and initiatives at Metropolitan.

## Key

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Moderate	The project/program/portfolio only addresses some elements of the benefits being assessed by the question/statement or addresses them indirectly.
Limited	The project/program/portfolio only addresses few or minor elements of the benefits being assessed by the question/statement or provides minor indirect benefits.
Very Limited	The project/program/portfolio does not provide any or very limited benefits to those being assessed by the question/statement.
Undetermined or Not Applicable	The ranking for this project/program/portfolio is not determined at this time or the attribute is not applicable.

Overall Assessment ..... Overall Assessment Value .....



# Supplemental Information

## Description

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# CAMP4W COMPREHENSIVE ASSESSMENT GUIDANCE DOCUMENT

## 1. Objective and Use

The objective of this Guidance Document is to provide instructional support to Metropolitan staff completing CAMP4W Comprehensive Assessments for projects, programs, and portfolios that meet the threshold for evaluation within the CAMP4W Climate Decision-Making Framework. The assessments are based on the Evaluative Criteria developed by the CAMP4W Task Force and reflect the themes and priorities for Metropolitan moving forward to integrate climate adaptation priorities into investment decisions.

The **Evaluative Criteria** represent a defined set of criteria used to establish a value assessed for projects, programs, or portfolios to support the Board's decision-making process. The Evaluative Criteria are broken out into six components: reliability, resilience, financial sustainability and affordability, adaptability and flexibility, equity, and environmental co-benefits.

Each of the Evaluative Criteria include a series of questions to generate both quantitative and qualitative information from which the project, program, or portfolio can be assessed. Each question will receive a value (**Section 2**), which will assist the Board in deliberations. This process will facilitate understanding to which level a project, program, or portfolio advances Metropolitan's long-term reliability, measured by both the Evaluative Criteria and Time-Bound Targets.

An Evaluation Committee comprised of subject matter experts from various groups within Metropolitan will conduct the Comprehensive Assessments and provide the Board with the information described below to inform decision-making. Each Criteria has an assigned subject matter lead who is responsible for gathering relevant information to make their recommendations. Assignments may be adjusted on a case-by-case basis per the discretion of the Evaluation Committee. The Committee works together to complete the Summary Page, produce supporting materials, and refine the final Assessment. Additional staff subject matter experts can be included in deliberations when necessary, and staff will engage Member Agencies during the assessment process. Staff group leads are defined below:

- Reliability: Water Resources Management
- Resilience: Engineering Services
- Financial Sustainability & Affordability: Finance
- Adaptability & Flexibility: Water Supply Operations
- Equity: Diversity, Equity, and Inclusion & External Affairs
- Environmental Co-Benefits: Sustainability, Resilience, and Innovation

The Comprehensive Assessment is broken into seven sections. The first section, Project/ Program/ Portfolio at a Glance provides an overall assessment and staff recommendations. The following sections discuss how it directly relates to Metropolitan's Evaluative Criteria. **Table 8** presents the glossary of terms used in the assessment.

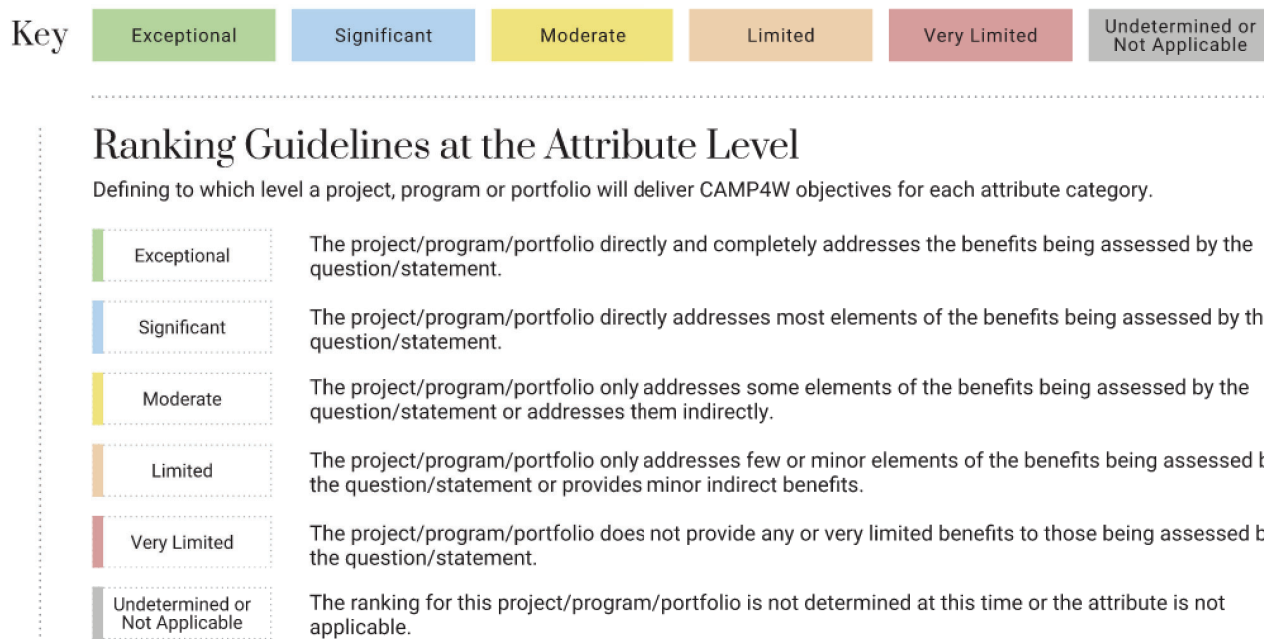
## 2. Ranking Guide

Key attributes of each of the evaluative criteria are given a value based on the criteria shown in Figures 1 and 2. The rankings define to which level a project, program or portfolio will deliver CAMP4W objectives. A score of **Exceptional** is attributed to a project, program, or portfolio that directly and completely addresses the benefits being assessed by the question or statement. Meanwhile, a score of **Very Limited** is attributed to a project, program, or portfolio that does not provide any or has very limited benefits to those being assessed by the question or statement. Where **Not Yet Determined/Not Applicable** is selected, this indicates that the project, program, or portfolio is still in development and the questions cannot be adequately addressed, or the criteria or attribute is not applicable.

These **rankings** define which level a project, program or portfolio will deliver CAMP4W objectives overall.

	Exceptional
	Significant
	Moderate
	Limited
	Very Limited
	Not Yet Determined / Not Applicable

**Figure 1:** Ranking Guidelines at the Overall Level



**Figure 2:** Ranking Guidelines at the Attribute Level

### 3. Project, Program, or Portfolio Location Map

A map of the project, program, or portfolio location should be included showing enough detail to illustrate the extent of the project, program, or portfolio, and show all relevant components to support Board discussions.

### 4. Guidance for each Evaluative Criteria

The following tables provide guidance for staff on how to complete the CAMP4W Comprehensive Assessment by providing further explanation of the intent of each question and recommendations on where to access supportive data and information.

#### 4.1 Project/ Program/ Portfolio at a Glance

**Table 1. At a Glance**

Question or Title of Data Entry	Guidance
Title of Project/Program/Portfolio	Enter project/program/portfolio title.
Status and Date (planning/design/implementation)	Enter planning, design, or implementation based on status at the time the form is being prepared and provide date of assessment completion.
Capacity (if applicable)	Enter values such as acre-feet per year of core supply, acre-feet of storage, additional flex supply, cubic feet per second of conveyance capacity, megawatts and/or kilowatt hours provided.

Capital Cost	Enter the capital cost in current year dollars.
Operation/Maintenance or Ongoing Cost	Enter the operation and maintenance cost in current year dollars.
Description and how the project/program/portfolio supports water supplies, reliability and/or delivery	Explain the benefits of the project/program/portfolio as it relates to providing additional core/flex supply or storage, how it improves reliability within the system, or how it improves delivery. Include information on how it performs during wet and dry years and any restrictions (e.g., requires a new core supply to be effective in dry years, etc.). This description should be written for a general audience and without acronyms or terminology not widely understood. (i.e. instead of referencing specific IRP scenarios, describe as more severe climate conditions or stable or increased demands).
Portfolio view and additional potential companion projects/programs/portfolios	Explain how it functions when combined with other projects/programs/portfolios. May require modeling to assess how projects work together to provide benefits, or how benefits are lessened if other projects were to be implemented.
Summary of Assessment and Staff Recommendation	Summarize the comprehensive evaluation of the project/program/portfolio as it relates to the Evaluative Criteria and Time-Bound Targets. This description should focus on the most important benefits of the proposal, as well as significant limitations that need to be communicated. Avoid acronyms or terminology not widely understood and focus on how this proposal ensures the delivery of Metropolitan's core mission.

In addition to the questions posed above, the CAMP4W Comprehensive Assessment includes selection of which Time-Bound Targets the project, program, or portfolio addresses. The user will select all that apply.

The user will also select the assessment value assigned to each Evaluative Criteria. The assessment value presented as part of the summary will align with the value provided on each individual Evaluative Criteria page, as discussed in the following sections.

## 4.2 Reliability Attributes

**Table 2** provides an overall summary of the project, program, or portfolio information and staff assessment results related to the Reliability Evaluative Criteria. This section is only relevant to water supply reliability projects, programs and/or portfolios. Energy projects, for example, will only be evaluated using the other five criteria.

It is important that assessment information is consistent to the extent possible across the various projects/programs/portfolios being assessed as part of the CAMP4W Climate Decision-Making Framework. The following sources of information should be used to support this Evaluative Criteria to ensure the assessment is comprehensive.

- Integrated Resources Plan Simulation Model (IRPSIM)
- Historical drought sequence data
- Qualitative description of reliability attributes and/or limitations

In addition to responding to each question, the user will select a value to assign to each question as well as an overall value for this Evaluative Criteria based on the key provided in **Section 2**.

**Table 2. Reliability Attributes**

Question or Title of Data Entry	Guidance
1. To what extent does it help meet regional supply reliability objectives under changing climate conditions?	If applicable, summarize how it performs using IRPSIM and historical drought sequencing data. Indicate how it performs under multiple scenarios, including Scenarios C and D; include A and B analysis if relevant. This should be described quantitatively based on the projected reduction in future water supply shortages.
2. To what extent does it advance equitable supply reliability?	Indicate how it supports areas within the service area experiencing supply inequity, namely the State Water Project Dependent Areas. Utilize IRPSIM and historical drought sequencing to support the analysis and indicate how it performs under multiple scenarios, including Scenarios C and D; include A and B analysis if relevant.
3. When will it be operational? What is the useful life of the project/program? How will benefits continue beyond the 2045 planning horizon under changing climate conditions?	Based on the most recent estimate at the time, indicate when it will be online and how that relates to the current planning horizon. Indicate how it will continue to perform beyond the current planning horizon (e.g., benefits beyond 2045).
4. Are there additional projects/programs/portfolios that could be	Where companion projects or programs will improve its performance and benefits, list either



added to improve this project/program/portfolio's effectiveness for water supply reliability?	specific projects, programs, or portfolios or categories of projects, programs, or portfolios that would be beneficial. Indicate if a companion project or program would be required or optional.
5. How does this project/program/portfolio improve the water supply reliability of existing projects/programs/systems?	Indicate how existing supply sources and facilities integrate with the project, program, or portfolio and how it will improve their utilization (e.g., perhaps a reservoir will utilize an existing pipeline that would otherwise be underutilized, or perhaps a new conveyance line would better distribute an existing supply).
Additional Information	Utilize this space to further expand on the analysis with any important considerations not covered above and to discuss how it advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies, and initiatives at Metropolitan.
Overall Assessment	Provide a summary of the overall assessment for this Evaluative Criteria based on the previous questions. Explain if certain attributes were considered more significant than others in the recommended overall value determination.

### 4.3 Resilience Attributes

**Table 3** provides an overall summary of the project, program, or portfolio information and staff assessment results related to the Resilience Evaluative Criteria.

It is important that assessment information is consistent to the extent possible across the various projects/programs/portfolios being assessed as part of the CAMP4W Climate Decision-Making Framework. The following sources of information should be used to support this Evaluative Criteria to ensure the assessment is comprehensive.

- Consider link to existing planning processes including system reliability, vulnerability, and flexibility assessments
- Consider industry infrastructure standards for climate resilience and water quality
- Consider Federal and State drinking water standards and total dissolved solids reductions
- Qualitative description of resilience attributes and/or limitations

In addition to responding to each question, the user will select a value to assign to each question as well as an overall value for this Evaluative Criteria based on the key provided in **Section 2**.

**Table 3. Resilience Attributes**

Question or Title of Data Entry	Guidance
<p>1. How does it perform under identified climate vulnerabilities and hazards (e.g., extreme heat, wildfire, sea level rise, flooding)?</p> <p>*Drought is addressed in Reliability</p>	<p>This question is focused on the individual project, program, or portfolio level. Discuss how the project, program, or portfolio itself can withstand climate impacts (e.g., how resilient it is in the face of climate extremes). Reference here any existing vulnerability assessment that may be relevant. This should focus on climate impacts beyond drought to understand how durable the project, program, or portfolio is and what threats it may face.</p>
<p>2. How does it maintain system reliability, including delivery and water quality, under identified climate vulnerabilities and hazards (e.g., extreme heat, wildfire, sea level rise, flooding)?</p> <p>*Drought is addressed in Reliability</p>	<p>This question is focused on the system level. Discuss how the project, program, or portfolio will help Metropolitan's system as a whole to be more resilient to climate impacts beyond drought (e.g., how will it help Metropolitan face climate extremes).</p>
<p>3. Describe any resilience co-benefits (e.g., seismic) achieved through this project, program, or portfolio.</p>	<p>Explain how it can also strengthen Metropolitan's system in the face of other risks such as seismic risks. Also indicate if the project, program, or portfolio is itself resilient to those risks.</p>
<p>Additional Information</p>	<p>Utilize this space to further expand on the analysis with any important considerations not covered above and to discuss how it advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies, and initiatives at Metropolitan.</p>
<p>Overall Assessment</p>	<p>Provide a summary of the overall assessment for this Evaluative Criteria based on the previous questions. Explain if certain attributes were considered more significant than others in the recommended overall value determination.</p>

#### 4.4 Financial Sustainability and Affordability Attributes

**Table 4** provides an overall summary of the project, program, or portfolio information and staff assessment results related to the Financial Sustainability and Affordability Evaluative Criteria.

It is important that assessment information is consistent to the extent possible across the various projects/programs/portfolios being assessed as part of the CAMP4W Climate Decision-Making Framework. The following sources of information should be used to support this Evaluative Criteria to ensure the assessment is comprehensive.

- Project Costs (capital, O&M, life cycle, net present value)
- Qualitative description of potential funding opportunities and/or project partners

In addition to responding to each question, the user will select a value to assign to each question as well as an overall value for this Evaluative Criteria based on the key provided in **Section 2**.

**Table 4. Financial Sustainability and Affordability Attributes**

Question or Title of Data Entry	Guidance
1. What is the cost impact?	Provide overall cost in current year dollars and anticipated financing plan, if applicable.
2. What are the projected impacts to rate and budget?	Provide the overall cost impact (%) and the average annual cost increase (% over X years).
3. If applicable, what is the unit cost/acre foot in current year dollars? For storage projects, what is the cost/capacity?	<p>For supply projects, provide the cost/acre foot to bring water to Metropolitan's service area.</p> <p>Point-in-time unit cost: Assumes all debt issued in year one and full operation in year one.</p> <p>Lifecycle unit cost: Average unit cost over project life. Includes replacements and refurbishments costs.</p> <p>For storage projects, provide the cost/capacity. For other projects, programs, or portfolios, provide any relevant unit costs.</p>
4. Does considering life cycle cost change the Financial Sustainability and Affordability?	Explain potential life cycle costs of the project, program, or portfolio and how its value changes over time and what impact that may have to rates or other metrics.
4. Is it eligible for federal and/or state grants or other funding sources? If so, what are the estimated target amount(s)? Is there a local match requirement? If so, how much?	Provide an explanation of any federal and/or state grants to Metropolitan including details about any matching requirements. Be clear about which are certain/expected, and which are potential/speculative.
5. Does it have a revenue generation component that helps offset costs?	Provide details of any opportunities for the project, program, or portfolio to have a revenue generation component. Be clear about which are certain/expected, and which are potential/speculative.

Additional Information	Utilize this space to further expand on the analysis with any important considerations not covered above and to discuss how it advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies, and initiatives at Metropolitan.
Overall Assessment	Provide a summary of the overall assessment for this Evaluative Criteria based on the previous questions. Explain if certain attributes were considered more significant than others in the recommended overall value determination.

## 4.5 Adaptability and Flexibility Attributes

**Table 5** provides an overall summary of the project, program, or portfolio information and staff assessment results related to the Adaptability and Flexibility Evaluative Criteria.

It is important that assessment information is consistent to the extent possible across the various projects/programs/portfolios being assessed as part of the CAMP4W Climate Decision-Making Framework. The following sources of information should be used to support this Evaluative Criteria to ensure the assessment is comprehensive.

- Quantitative and qualitative description of potential added system operational flexibility (redundancy, water quality, etc.) and implementation complexity and risks (ROW, timing, partners, etc.)
- Quantitative and qualitative description of scalability (cost, benefits, impacts)
- Qualitative description of impact on day-to-day operations
- Ability to adapt to uncertainties and sustain a specified performance across changing conditions (e.g., demand, legislation, energy costs)

In addition to responding to each question, the user will select a value to assign to each question as well as an overall value for this Evaluative Criteria based on the key provided in **Section 2**.

**Table 5. Adaptability and Flexibility Attributes**

Question or Title of Data Entry	Guidance
1. Describe how it works with and/or improves the flexibility of existing assets, plans, policies or programs and how it improves the ability to adjust to systemwide changes (water quality, source water, distribution interruption).	Describe how it works with and/or improves the flexibility of existing assets, plans, policies or programs and how it improves the ability to adjust to systemwide changes (water quality, source water, distribution interruption). Include any areas where it reduces the flexibility of existing assets, plans, policies, or programs.

	This should be focused on operational considerations.
2. Explain how complex the day-to-day operations might be (example: staffing, maintenance, preparation).	Describe how it works and how it will be staffed by Metropolitan. Will there be a need for additional staff or training of existing staff? What is the long-term maintenance need of the project or program/?
3. How can it be phased (i.e., near-term value of an initial phase; using phasing to manage existing uncertainty; using phasing to allow for adjustments in the project/program/portfolio as new information is developed)?	Describe if it can be phased to either reduce the initial cost or to allow for flexibility in timing? Is there a benefit of implementing it all at once, or does approaching it in a modular way allow for future adjustments based on changing conditions and/or needs?
4. What is the implementation risk and/or complexity of implementation?	Describe any risks or challenges associated with implementing the project, program, or portfolio, specifically those that could prevent or significantly delay implementation. Are there permits required, if so, are they complicated or difficult to obtain? Are there risks/complications associated with construction? Are there risks if the project, program, or portfolio is delayed?
Additional Information	Utilize this space to further expand on the analysis with any important considerations not covered above and to discuss how it advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies and initiatives at Metropolitan.
Overall Assessment	Provide a summary of the overall assessment for this Evaluative Criteria based on the previous questions. Explain if certain attributes were considered more significant than others in the recommended overall value determination.

## 4.6 Equity Attributes

**Table 6** provides an overall summary of the project, program, or portfolio information and staff assessment results related to the Equity Evaluative Criteria.

It is important that assessment information is consistent to the extent possible across the various projects/programs/portfolios being assessed as part of the CAMP4W Climate Decision-Making Framework. The following sources of information should be used to support this Evaluative Criteria to ensure the assessment is comprehensive.



- The latest CalEnviroScreen scores and percentiles in project area
- Percent of project, program, or portfolio area considered a Disadvantaged Community (CA Water Code 79505.5)
- Qualitative description of level of community, tribal and partner engagement
- Qualitative description of direct community benefits associated with project/program
- Consider using tool to measure/monetize co-benefits, where appropriate
- Scope of Community Benefits Program proposed

In addition to responding to each question, the user will select a value to assign to each question as well as an overall value for this Evaluative Criteria based on the key provided in **Section 2**. Projects in underserved communities are not inherently positive or negative but depend on how they are executed. Moderate values indicate that the project, program, or portfolio does not exacerbate existing community inequities. Projects addressing the needs of underserved communities score higher under these metrics.

**Table 6. Equity Attributes**

Question or Title of Data Entry	Guidance
1. What percentage of the area served by the project, program or portfolio includes underserved communities and what percentage of the project/program/portfolio area is in underserved communities?	This is a quantitative assessment. Provide specific CalEnviroScreen and Water Code §79505.5 references. Include information related to area served by the project, program, or portfolio. Assigned values for this attribute should be measured relative and proportional to the total percentage of underserved communities in Metropolitan’s service area (~40% in 2024).
2. What specific community benefits are included in the project, program, or portfolio?	Explain the benefits of the project/program/portfolio as it relates to local communities that are impacted by it. Benefits may include workforce opportunities, water quality improvements, urban greening, localized resilience, public health, opportunities for small businesses/disadvantaged business enterprises (DBEs), etc. Provide details of the Community Benefits Program proposed, where applicable. Discuss benefits other than water supply; water supply benefits should be covered in the Reliability section. Also describe any anticipated disruption or harm to underserved communities.

3. What level of community, tribal, and partner engagement is included in the project, program, or portfolio?	Explain the level of community, tribal, and partner engagement that is included in the project, program, or portfolio. Be clear about the difference between past or ongoing engagement and planned or intended engagement.
4. Describe the extent and reasons why there is broad community support/opposition or potential for support/opposition.	Provide additional information on the extent of support or opposition and any reasons why those factors exist, and if there are any ways to mitigate opposition and/or increase support.
Additional Information	Utilize this space to further expand on the analysis with any important considerations not covered above and to discuss how it advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies, and initiatives at Metropolitan.
Overall Assessment	Provide a summary of the overall assessment for this Evaluative Criteria based on the previous questions. Explain if certain attributes were considered more significant than others in the recommended overall value determination.

## 4.7 Environmental Co-Benefits Attributes

**Table 7** provides an overall summary of the project, program, or portfolio information and staff assessment results related to the Environmental Co-Benefits Evaluative Criteria.

It is important that assessment information is consistent to the extent possible across the various projects/programs/portfolios being assessed as part of the CAMP4W Climate Decision-Making Framework. The following sources of information should be used to support this Evaluative Criteria to ensure the assessment is comprehensive.

- GHG and pollutant load estimates
- Qualitative description of ecosystem services and functions provided
- Consider using tool to measure/monetize co-benefits, where appropriate
- Acreage of land impacted; Acre-feet of water provided to ecosystem benefits; or other such metrics

In addition to responding to each question, the user will select a value to assign to each question as well as an overall value for this Evaluative Criteria based on the key provided in **Section 2**.

### Table 7. Environmental Co-Benefits Attributes

Question or Title of Data Entry	Guidance
1. What are the estimated greenhouse gas emissions or enhanced carbon sequestration, and how does it impact the carbon budget, as defined by the Climate Action Plan?	Provide quantitative information related to the estimated greenhouse gas emissions for the project, program, or portfolio. If applicable, compare to existing project/program/portfolio emissions and describe how it is or is not consistent with assumptions in the 2045 carbon budget. Include any proposed mitigation to reduce or offset estimated emissions, including the potential for carbon sequestration.
2. In what way and to what degree does it provide additional ecosystem services?	Detail any way and to what degree it provides additional ecosystem services, such as benefits to watershed health, forest or natural land management, pollution reduction, or agricultural sustainability (species and habitat benefits are discussed in question #3 below). Where appropriate, describe how those improvements may support water supply, water quality or other functions important to the Metropolitan mission. Are there negative impacts that may be challenging to mitigate?
3. To what extent does it protect, improve, or expand wildlife and fish habitat and/or affect flows in ways that improve ecological functions for native species?	Provide information related to potential benefits to species, habitat, or ecological functions. Does the project, program, or portfolio contain any elements that improve ecological functions for native species? Where appropriate, describe how those improvements may support water supply, water quality or other functions important to the Metropolitan mission. Are there negative impacts that may be challenging to mitigate?
Additional Information	Utilize this space to further expand on the analysis with any important considerations not covered above and to discuss how it advances the CAMP4W Time-Bound Targets, develops new or improves existing partnerships or collaborations, and builds on existing plans, policies and initiatives at Metropolitan.
Overall Assessment	Provide a summary of the overall assessment for this Evaluative Criteria based on the previous questions. Explain if certain attributes were considered more significant than others in the recommended overall value determination.

**Table 8. CAMP4W Glossary of Terms**

<b>Term</b>	<b>Definition</b>
<b>Adaptability and Flexibility</b>	Considers how a project, program, or portfolio improves operational flexibility, the difficulty of implementation, and if a program is able to be phased. Flexibility addresses the capability of Metropolitan's system to respond to changes in water supply, water quality, treatment requirements, or demands during planned and unplanned facility outages.
<b>Adaptive Management</b>	A process that encourages the use of new information to respond to changing conditions. Allows Metropolitan to plan for rapid change and adjust based on current real-world conditions
<b>Affordability</b>	Relative cost burden and elastic ability to access (pay for) service and support member agency efforts to provide affordable supply to their customers
<b>AFY</b>	Acre-Feet per Year
<b>CalEnviro Screen</b>	CalEnviroScreen 4.0 is a methodology to identify communities disproportionately burdened by pollution provided by the California Office of Environmental Health Hazard Assessment (OEHHA)
<b>CAMP4W</b>	Climate Adaptation Master Plan for Water
<b>CAP</b>	Climate Action Plan
<b>Capacity</b>	Refers to the project/program/portfolio design parameters, which may include the acre-feet per year, cubic feet per second, megawatts, or other metric depending on the type of project.
<b>CFS</b>	Cubic Feet per Second
<b>Climate Decision-Making Framework</b>	The process by which Metropolitan assesses investment decisions through a methodical, data driven manner while accounting for climate risks and vulnerabilities, Board preferences and financial implications. Builds in the process for adaptively making decisions over time based on evolving conditions
<b>Climate Vulnerability Assessments</b>	Assessments developed to identify infrastructure that is most vulnerable to climate change
<b>Co-Benefits</b>	Benefits that extend beyond the primary purpose of the project/program/portfolio.
<b>Community Benefits Program</b>	Program to identify, fund, and implement local projects that can provide tangible, lasting, and valuable economic and social benefits to the residents, businesses, and organizations impacted by construction and operation of the project.

<b>Companion Projects</b>	Projects that support the project/program/portfolio being assessed, which without the companion project would not be able to function within Metropolitan's system due to connectivity, supply source, power supply, or other, but which have not been combined to form a portfolio for assessment purposes (for example, if a project has multiple potential companion projects to consider).
<b>Core Supply</b>	Supply that is generally available and used every year to meet demands under normal conditions and may include savings from efficiency gains through structural conservation.
<b>CRA</b>	Colorado River Aqueduct
<b>Demand Management</b>	Managing long-term demands through the efficient use of water
<b>Disadvantaged Community</b>	Defined in California in Water Code 79505.5 as a community with an annual mean household income (MHI) that is less than 80 percent of the statewide MHI, and a severely disadvantaged community is defined by an MHI below 60 percent of the statewide MHI.
<b>Drought Mitigation Projects</b>	Projects identified to improve Metropolitan's response to drought in response to the vulnerability experienced in the State Water Project Dependent Areas during the 2020-2022 drought.
<b>Ecosystem Services</b>	Direct and indirect benefits that ecosystems provide humans including, but limited to, drinking water, air quality, flood protection, food, recreation, tourism, and carbon sequestration.
<b>Ecological Functions</b>	Natural processes and interactions within an ecosystem, supporting life and maintaining environmental balance. This includes processes like nutrient cycling, pollination, and habitat formation, which are critical for sustaining biodiversity and ecosystem health.
<b>Environmental Co-Benefits</b>	Measures greenhouse gas emissions, ecosystem services, and benefits to habitat and wildlife
<b>Equitable Supply Reliability</b>	All member agencies receive equivalent water supply reliability through an interconnected and robust system of supplies, storage, and programs.
<b>Equity</b>	Fair, just, and inclusive
<b>Evaluative Criteria</b>	Metrics used to assess and rank projects/programs/portfolios; a defined set of criteria used to establish a value for projects, programs, and portfolios which support the Board's decision-making process. Evaluative Criteria are used in collaboration with the Time-Bound Targets and Signposts to support investment decisions.
<b>Financial Plan</b>	Metropolitan's current financial circumstances and its long-term and short-term goals



<b>Flex Supply</b>	A supply that is implemented on an as-needed basis and may or may not be available for use each year and may include savings from focused, deliberate efforts to change water use behavior.
<b>Financial Sustainability</b>	Revenues sufficient to cover expenses over the short- and long-term.
<b>GHG</b>	Greenhouse Gas Emissions
<b>IRP</b>	Integrated Water Resources Plan
<b>IRPSIM</b>	IRPSIM is a water supply and demand mass balance simulation model, which analyzes the supply-demand gaps.
<b>Life cycle cost</b>	Cost over the expected life of the project/program/portfolio inclusive of capital and operations and maintenance costs and escalation factors.
<b>Local Agency Supply</b>	Member Agency supplies
<b>LRFP</b>	Long-Range Financial Plan
<b>Member Agency Projects</b>	Projects led by Member Agencies that are brought to the Metropolitan Board for funding consideration
<b>MW</b>	Megawatt
<b>O&amp;M</b>	Operation and Maintenance
<b>Operational</b>	Refers to the time period when the project/program/portfolio will be online and fully functioning as intended.
<b>Phased</b>	Refers to a project/program/portfolio's ability to be implemented in phases, which may indicate increased flexibility during the adaptive management process.
<b>Planning Horizon</b>	Refers to the year in which Metropolitan is currently planning towards (e.g., 2045 based on the 2020 IRP Needs Assessment).
<b>Portfolio</b>	A subset of projects/programs that would be implemented together.
<b>Project Lists</b>	A compilation of projects that will be analyzed through the CAMP4W process
<b>R &amp; R</b>	Refurbishment and replacement. Refers to projects that are required to maintain Metropolitan's existing infrastructure but does not refer to additional capital projects needed to address a specific vulnerability (climate or earthquake) beyond typical system maintenance
<b>Regional Water Use Efficiency</b>	Refers to Metropolitan's efforts to assist Retail Agencies with achieving, or exceeding, compliance with the State Water Resources Control Board Water Use Efficiency Standards
<b>Reliability</b>	Ability to always meet water demands.

<b>Resilience projects</b>	Capital projects that increase resilience of existing infrastructure beyond what would be included in a typical R&R project
<b>Resilience</b>	Ability to withstand and recover from disruptions
<b>Signposts</b>	Real-world metrics that allow Metropolitan to monitor how projections align with the real world. Signposts will guide the revision of Time-Bound Targets over time, shaping project and program development and helping inform the Board's investment decisions at different project stages.
<b>Source Information</b>	Refers to the source of data or analysis process that should be used to support the assessment to provide a uniform evaluation process across projects and programs.
<b>Storage</b>	The capability to save water supply to meet demands at a later time. Converts core supply into flexible supply and evens out variability in supply and demand.
<b>Surplus Water Management</b>	Management of excess water available beyond current demands that is stored for future and anticipated periods of need.
<b>SWP</b>	State Water Project
<b>SWPDA</b>	State Water Project Dependent Area
<b>System Assessment</b>	Documentation of Metropolitan's current system and policies
<b>TAF</b>	Thousand-Acre-Feet
<b>Task Force for CAMP4W</b>	A group made up of a select list of Metropolitan Board Members, Member Agency Managers, and Metropolitan staff tasked with guiding the CAMP4W process
<b>Themes</b>	A series of Board identified priorities developed during the early phases to represent the values of the CAMP4W planning process. The Themes inform the development of the Evaluative Criteria so that the assessment of projects/programs/portfolios reflects these Themes and therefore the Board preferences.
<b>Time-Bound Targets</b>	A series of resource development targets and policy-based targets that establish goals to be achieved in the near-, mid-, and long-term. Time-Bound Targets are set based on current planning targets (current real-world conditions) and are updated based on Signposts.
<b>Vulnerability Assessment Recommendations</b>	Recommendations for infrastructure needed to harden the existing system in the face of climate change and other hazards the region face
<b>Working Memoranda</b>	Documentation of the CAMP4W process that will form the basis for the Master Plan.



**THE METROPOLITAN WATER DISTRICT OF  
SOUTHERN CALIFORNIA**

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Los Angeles, California 90012  
(213) 217-6000

[mwdh2o.com](http://mwdh2o.com)

**Hazen**



Finance, Affordability, Asset Management and  
Efficiency Committee

# Approve Climate Adaptation Master Plan Implementation Strategy

Item 7-6

April 8, 2025

## Item 7-6

# CAMP4W Implementation Strategy

### Subject

Approve the Climate Adaptation Master Plan for Water Implementation Strategy to guide decision-making and the adaptive management process.

### Purpose

Seek Committee and Board approval of the Climate Adaptation Master Plan for Water Implementation Strategy to culminate this current planning phase and lay out implementation timelines for the next five years.

### Next Steps

The CAMP4W Implementation Strategy tools and policy guidance will be implemented with regular updates, reviews, and decision-making by the Board.



# CAMP4W Task Force Reviewed the Updated Implementation Strategy

- ✓ Five-Year Implementation Timelines
- ✓ Forward from the Chair providing context and past accomplishments
- ✓ New water quality section and updates throughout
- ✓ Elevated Water Efficiency Program to show CAMP4W assessment in timeline
- ✓ Discussed Adaptative Management Framework and Board decision-making moving forward

# Climate Adaptation Master Plan for Water

IRP Regional  
Needs Assessment

Climate Risk and  
Vulnerability  
Assessments

Infrastructure  
Studies and  
Assessments

Public & Partners  
Engagement

## Implementation Strategy

Time-Bound  
Targets

Policy Framework

Implementation  
Timelines

## Climate Decision-Making Framework

Evaluative Criteria

Project/Program  
Assessments

CIP Integration

## Adaptive Management

Signposts

Annual Reports

Long-Term  
Reviews

## Business Model Alignment

Water Resources  
Strategies

Financial  
Strategies

Affordability  
Strategies

Financial Forecast  
and Budget

# Climate Adaptation Master Plan for Water

IRP Regional  
Needs Assessment

Climate Risk and  
Vulnerability  
Assessments

Infrastructure  
Studies and  
Assessments

Public & Partners  
Engagement

## Implementation Strategy

Time-Bound  
Targets

Policy Framework

Implementation  
Timelines

## Climate Decision-Making Framework

Evaluative Criteria

Project/Program  
Assessments

CIP Integration

## Adaptive Management

Signposts

Annual Reports

Long-Term  
Reviews

## Business Model Alignment

Water Resources  
Strategies

Financial  
Strategies

Affordability  
Strategies

Financial Forecast  
and Budget

# CAMP4W Provides an Iterative and Adaptive Process



# Key Takeaways for CAMP4W Implementation Phase

- Scenario planning allows us to consider a variety of futures given the uncertainties of climate change
- Time-Bound Targets represent the range of possible futures and are used for planning purposes
- Adaptive management approach includes tracking signposts and current trends to inform Board decision-making
- Climate Decision-Making Framework provides a comprehensive and standardized approach to evaluating potential adaptation investments
- Climate Adaptation Policy Framework guides initiatives and the institutionalization of climate adaptation across Metropolitan



# Action Item

Option #1      Approve Climate Adaptation  
Master Plan Implementation Strategy

Option #2      Do Not Approve Climate Adaptation  
Master Plan Implementation Strategy

# Staff Recommendation

Option #1      Approve Climate Adaptation  
Master Plan Implementation Strategy





- **Board of Directors**

***Finance, Affordability, Asset Management, and Efficiency Committee***

4/8/2025 Board Meeting

7-7

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## Subject

Adopt resolutions fixing and adopting a Readiness-to-Serve Charge and a Capacity Charge for calendar year 2026; the General Manager has determined the proposed action is exempt or otherwise not subject to CEQA

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## Executive Summary

This letter recommends adoption of the resolutions to fix and adopt a Readiness-to-Serve (RTS) Charge and a Capacity Charge effective January 1, 2026, based on the budget, rates and charges adopted by the Board on April 9, 2024.

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## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Adopt resolutions fixing and adopting a Readiness-to-Serve Charge and a Capacity Charge for calendar year (CY) 2026.

**Fiscal Impact:** Revenues from fixed charges of \$234.3 million in CY 2026

**Business Analysis:** Collection of fixed revenues of \$234.3 million from the RTS Charge and the Capacity Charge in CY 2026 would support fiscal integrity for Metropolitan, as all other revenue collected from member agencies is volumetric-based. Foregoing collection of the approximate \$234.3 million from the proposed charges would create a deficit in the budget.

#### Option #2

Do not adopt resolutions fixing and adopting a Readiness-to-Serve Charge and a Capacity Charge for CY 2026. Direct staff to set a process to revisit fiscal year (FY) 2025/26 of the biennial budget and the water rates for CY 2026 to address the resulting deficit, and report back on the proposed process to the Board at its regular May 2025 meeting.

**Fiscal Impact:** Net revenue deficit will depend on any revised budget and water charges.

**Business Analysis:** This option would result in the loss of fixed revenues which were reflected in the adopted budget for FY 2025/26 and the water rates for CY 2026. Loss of the budgeted fixed revenue would require staff to revisit the current budget and water rates to ensure such rates will result in revenue which will pay the expenses of Metropolitan.

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## Alternatives Considered

Not applicable

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**Applicable Policy**

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Metropolitan Water District Act Section 61: Ordinances, Resolutions and Orders

Metropolitan Water District Act Section 133: Fixing of Water Rates

Metropolitan Water District Act Section 134: Adequacy of Water Rates; Uniformity of Rates

Metropolitan Water District Act Section 134.5: Water Standby or Availability of Service Charge

Metropolitan Water District Administrative Code Section 4301(a): Cost of Service and Revenue Requirement

Metropolitan Water District Administrative Code Section 4304: Apportionment of Revenues and Setting of Water Rates

By Minute Item 53596, dated April 9, 2024, the Board approved the biennial budget for fiscal years 2024/25 and 2025/26.

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

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**Related Board Action(s)/Future Action(s)**

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Not applicable

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**Summary of Outreach Completed**

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Not applicable

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**California Environmental Quality Act (CEQA)**

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**CEQA determination for Option #1:**

The proposed action is not defined as a project under CEQA because it involves the creation of government funding mechanisms or other government fiscal activities which do not involve any commitment to any specific project which may result in a potentially significant physical impact on the environment. (State CEQA Guidelines Section 15378(b)(4)).

**CEQA determination for Option #2:**

None required

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**Details and Background**

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**Background**

On April 9, 2024, Metropolitan's Board adopted its biennial budget for fiscal years 2024/25 and 2025/26, rates for calendar years (CYs) 2025 and 2026, and charges for CY 2025. However, since the RTS and Capacity Charge are applied to the member agencies based on historic data with a one-year lag, the charges can only be calculated one year ahead. In April 2024, the volumetric rates were approved for two years, but the RTS and Capacity Charge have only been approved for one year (CY 2025), effective on January 1, 2025.

In meetings and workshops held from February through April 2024, Metropolitan's Board, the Finance and Asset Management Committee of the Board, and Metropolitan's member agencies reviewed and evaluated the biennial budget and revenue requirements and the rates and charges necessary to support the revenue requirements. A public hearing was held on March 12, 2024. All documents provided to the Board in connection with its April 2024 Board action were posted online, along with other supporting and background material, at: <https://www.mwdh2o.com/budget-finance/#proposed-section>. The documents remain available in support of the charges proposed in this letter.

The RTS Charge is set to recover capital costs of the portion of Metropolitan's system that is available to provide emergency storage and available capacity during outages and hydrologic variability. The Capacity Charge is set to recover peaking capacity costs on Metropolitan's distribution system. In adopting the biennial budget on April 9, 2024, the Board determined the amount of revenue to be raised by the RTS Charge and the Capacity Charge,



collectively, would be \$224.4 million in CY 2025 and \$236.4 million in CY 2026. At that meeting, the Board approved the resolutions to adopt the RTS and Capacity Charges for CY 2025. Staff now proposes to the Board resolutions to adopt the RTS Charge (**Attachment 1**) and the Capacity Charge (**Attachment 2**) for CY 2026, at the amounts previously determined by the Board through its approval of the biennial budget, rates, and charges on April 9, 2024. The revenue to be collected from the Capacity Charges for CY 2026 is estimated to be approximately \$2.1 million lower than the budgeted estimate due to lower-than-projected peaks by member agencies during the applicable months. The proposed resolutions provide an estimate of each member agency's share of the RTS and Capacity Charge in 2026, and include an Engineer's Report that also supports the continuation of the Standby Charge that some agencies have elected to use to pay their RTS Charge obligations.

The continuation of the Standby Charge will be presented to the Board for consideration at its regular May meeting. The notice to member agencies of the proposed adoption of the RTS and Capacity Charges for 2026 and continuation of the Standby Charge for FY 2025/26 (**Attachment 3**) was provided to member agencies via email on March 17, 2025.

  
Katano Kasaine  
Assistant General Manager/  
Chief Financial Officer

3/28/2025

Date

  
Deven Upadhyay  
General Manager

3/28/2025

Date

**Attachment 1 – Resolution Fixing and Adopting a Readiness-to-Serve Charge Effective January 1, 2026**

**Attachment 2 – Resolution Fixing and Adopting a Capacity Charge Effective January 1, 2026**

**Attachment 3 – Notice to Member Agencies of Proposed Adoption of Readiness-to-Serve Charge and Capacity Charge for 2026 and Continuation of Standby Charge**

Ref# cfo12698919

THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

RESOLUTION \_\_\_\_

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**RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE METROPOLITAN WATER DISTRICT OF  
SOUTHERN CALIFORNIA  
FIXING AND ADOPTING  
A READINESS-TO-SERVE CHARGE EFFECTIVE JANUARY 1, 2026**

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The Board of Directors of The Metropolitan Water District of Southern California (the “Board”) hereby finds that:

1. Pursuant to Resolution 8774, the Board of The Metropolitan Water District of Southern California (“Metropolitan”) approved a rate structure proposal at its meeting on October 16, 2001, described in Board Letter 9-6, including a Readiness-To-Serve (“RTS”) Charge; and
2. Providing firm revenue sources is a goal of such rate structure; and
3. The amount of revenue to be raised by the RTS Charge shall be as determined by the Board and allocation of the RTS Charge among member public agencies (“member agencies”) shall be in accordance with the method established by the Board; and
4. The RTS Charge is a charge fixed and adopted by Metropolitan and charged to its member agencies, and is not a fee or charge imposed upon real property or upon persons as an incident of property ownership; and
5. Metropolitan has legal authority to fix and adopt such RTS Charge as a water rate pursuant to Sections 133 and 134 of the Metropolitan Water District Act (the “Act”), and to fix it as an availability of service charge pursuant to Section 134.5 of the Act; and
6. Under authority of Sections 133 and 134 of the Act, the Board has the authority to fix the rate or rates for water as will result in revenue which, together with other revenues, will pay Metropolitan’s operating expenditures and provide for payment of other costs, including payment of the interest and principal of Metropolitan’s non-tax funded bonded debt; and
7. The RTS Charge recovers the capital expenditures for infrastructure projects needed to provide emergency storage capacity and available capacity needed to maintain reliable deliveries during outages and service interruptions and during periods of hydrologic variability; and
8. Pursuant to Resolution 8322, adopted by the Board on May 14, 1991, Resolution 8329, adopted by the Board on July 9, 1991, Resolution 9199, adopted by the Board on March 8, 2016, and Resolution 9201, adopted by the Board on March 8, 2016, and as each is thereafter amended and supplemented, proceeds of the RTS Charge and other revenues from the sale or availability of water are pledged to the payment of Metropolitan’s revenue bonds, subordinate revenue bonds, short-term certificates and commercial paper; and

9. Under authority of Section 134.5 of the Act, an RTS Charge levied as an availability of service charge may be collected from the member agencies within Metropolitan, or may continue to be collected as a standby charge against individual parcels within Metropolitan's service area; and
10. Certain member agencies of Metropolitan have opted in prior fiscal years to provide collection of all or a portion of their RTS Charge obligation through a Metropolitan water standby charge ("Standby Charge") levied on parcels within those member agencies; and
11. Under authority of Section 134.5 of the Act, the Standby Charge may continue to be levied on each acre of land or each parcel of land less than an acre within Metropolitan to which water is made available for any purpose by Metropolitan, whether the water is actually used or not; and
12. Metropolitan is willing to comply with the requests of member agencies opting to have Metropolitan continue to levy the Standby Charge within their respective territories, on the terms and subject to the conditions contained herein; and
13. On April 9, 2024, the Board considered the rates and charges presented by the General Manager, approved the biennial budget for fiscal years 2024/25 and 2025/26, adopted recommended water rates for calendar years 2025 and 2026 and charges for calendar year 2025, and received information and documents that have been made available at <https://www.mwdh2o.com/who-we-are/budget-finance/>; and
14. In approving the Proposed Biennial Budget and adopting the rates and charges on April 9, 2024, the Board determined the amount of revenue to be raised by the RTS Charge in calendar year 2026 to be \$188,000,000, based on information and documents available at <https://www.mwdh2o.com/who-we-are/budget-finance/>; and
15. Written notice of intention of Metropolitan's Board to consider and take action at its regular meeting of April 8, 2025, to adopt Metropolitan's RTS Charge for calendar year 2026 was given to each of Metropolitan's member agencies; and
16. The RTS Charge for calendar year 2026 applicable to each member agency is reflected in the Engineer's Report dated April 2025 and its method of its calculation and the specific data used in its determination are as specified in the cost of service report; and
17. Each of the meetings of the Board were conducted in accordance with the Brown Act (commencing at Section 54950 of the Government Code), for which due notice was provided and at which quorums were present and acting throughout;

NOW, THEREFORE, the Board does hereby resolve, determine and order as follows:

**Section 1.** That the Board hereby fixes and adopts an RTS Charge for the period from January 1, 2026 through December 31, 2026.

**Section 2.** That said RTS Charge shall be in an amount sufficient to provide for payment of debt service not paid from *ad valorem* property taxes, and other appropriately allocated costs, for capital expenditures for infrastructure projects needed to provide emergency storage capacity and available capacity needed to maintain reliable deliveries during outages and service interruptions and during periods of hydrologic variability.

**Section 3.** That such RTS Charge for January 1, 2026 through and including December 31, 2026 shall be in the amounts specified in Section 4, which shall be determined on a historic basis for each acre-foot of water,

included in Metropolitan's average water deliveries to its member agencies for the applicable ten-year period identified in Section 4. The aggregate RTS Charge for the period from January 1, 2026 through and including December 31, 2026 shall also be as specified in Section 4.

**Section 4.** That the RTS Charge for January 1, 2026 through and including December 31, 2026 shall be allocated among the member agencies in proportion to the average of applicable deliveries (including exchanges and transfers) through Metropolitan's system (in acre-feet) to each member agency during the ten-year period ending June 30, 2024, unless otherwise agreed and approved by Metropolitan's Board. The allocation of the RTS Charge among member agencies is based on deliveries data recorded by Metropolitan and shall be conclusive in the absence of manifest error but may be corrected by Metropolitan to reflect any errors discovered by Metropolitan.

The amount of the RTS Charge to be charged to each member agency effective January 1, 2026, is as set forth in Schedule 1, which is based on deliveries data prepared by Metropolitan and may be corrected as agreed to by the impacted member agencies:

## Schedule 1

Calendar Year 2026 RTS Charge			
Member Agency	Rolling Ten-Year Average Firm Deliveries (Acre-Feet) FY2014/15 - FY2023/24	RTS Share	12 months @ \$188 million per year (1/26-12/26)
Anaheim	23,328.3	1.84%	\$ 3,457,223
Beverly Hills	9,458.6	0.75%	1,401,752
Burbank	10,532.3	0.83%	1,560,873
Calleguas MWD	85,497.7	6.74%	12,670,645
Central Basin MWD	30,647.0	2.42%	4,541,845
Compton	8.3	0.00%	1,230
Eastern MWD	96,954.0	7.64%	14,368,454
Foothill MWD	8,062.2	0.64%	1,194,807
Fullerton	6,128.6	0.48%	908,250
Glendale	14,676.3	1.16%	2,175,008
Inland Empire Utilities Agency	54,727.4	4.31%	8,110,528
Las Virgenes MWD	18,431.7	1.45%	2,731,553
Long Beach	26,463.1	2.09%	3,921,796
Los Angeles	242,114.6	19.09%	35,881,061
Municipal Water District of Orange County	172,537.1	13.60%	25,569,769
Pasadena	18,267.3	1.44%	2,707,190
San Diego County Water Authority	145,667.0	11.48%	21,587,655
San Fernando	470.7	0.04%	69,757
San Marino	990.4	0.08%	146,776
Santa Ana	7,865.5	0.62%	1,165,657
Santa Monica	5,039.7	0.40%	746,877
Three Valleys MWD	60,225.0	4.75%	8,925,265
Torrance	14,683.8	1.16%	2,176,120
Upper San Gabriel Valley MWD	40,189.6	3.17%	5,956,045
West Basin MWD	108,841.6	8.58%	16,130,180
Western MWD	66,759.6	5.26%	9,893,684
<b>MWD Total</b>	<b>1,268,567.4</b>	<b>100.00%</b>	<b>\$ 188,000,000</b>

Totals may not foot due to rounding

The General Manager shall establish and make available to member public agencies procedures for administration of the RTS Charge, including filing and consideration of applications for reconsideration of their respective RTS Charge. The General Manager shall review any applications for reconsideration submitted in a timely manner. The General Manager shall also establish reasonable procedures for the filing of appeals from his determination.

**Section 5.** That the RTS Charge specified in Schedule 1, together with other revenues from Metropolitan's water rates, other charges, ad valorem property taxes, and other miscellaneous revenue, does not exceed the reasonable and necessary cost of providing Metropolitan's water services for which the rates and



charges are made, or of conferring the benefit provided, and is fairly apportioned to each member agency as specified in Section 6 below.

**Section 6.** That water conveyed through Metropolitan's system for the purposes of water transfers, exchanges or other similar arrangements shall be included in the calculation of a member agency's rolling ten-year average firm demands used to allocate the RTS Charge.

**Section 7.** That the RTS Charge and the amount applicable to each member agency, the method of its calculation, and the specific data used in its determination are as specified in the adopted rates and charges to be effective January 1, 2026, which forms the basis of the RTS Charge, and the corresponding 2024 Cost of Service Report. The adopted rates and charges and cost of service reports are on file and available for review by interested parties at Metropolitan's headquarters.

**Section 8.** That except as provided in Section 10 below with respect to any RTS Charge collected by means of the Standby Charge, the RTS Charge shall be due monthly, quarterly or semiannually as agreed upon by Metropolitan and the member agency.

**Section 9.** That such RTS Charge may, at the request of any member agency which elected to utilize the Standby Charge as a mechanism for collecting the RTS Charge obligation in fiscal year 1993/94, be collected by continuing the Standby Charge at rates not to exceed rates levied in fiscal year 1996/97 upon land within Metropolitan's (and such member agency's) service area to which water is made available by Metropolitan for any purpose, whether such water is used or not.

**Section 10.** That the Standby Charge shall be collected on the tax rolls, together with the *ad valorem* property taxes which are levied by Metropolitan for the payment of pre-1978 voter-approved indebtedness. Any amounts so collected shall be applied as a credit against the applicable member agency's RTS Charge obligation. After such member agency's RTS Charge allocation is fully satisfied, any additional collections shall be credited to other outstanding obligations of such member agency to Metropolitan that funds the capital costs or maintenance and operation expenses for Metropolitan's water system, or future RTS Charge obligations of such agency. Notwithstanding the provisions of Sections 8 and 9 above, any member agency requesting to have all or a portion of its RTS Charge obligation collected through Standby Charge levies within its territory as provided herein shall pay any portion not collected through net Standby Charge collections to Metropolitan, as provided in Administrative Code Section 4507.

**Section 11.** That notice is hereby given to the public and to each member agency of The Metropolitan Water District of Southern California of the intention of Metropolitan's Board to consider and take action at its regular meeting to be held May 14, 2024 (or such other date as the Board shall hold its regular meeting in such month), on the General Manager's recommendation to continue the Standby Charge for fiscal year 2025/26 under authority of Section 134.5 of the Act on land within Metropolitan at rates not to exceed rates, per acre of land, or per parcel of land less than an acre, levied in fiscal year 1996/97 upon land within Metropolitan's (and such member agency's) service area. Such Standby Charge will be continued as a means of collecting the RTS Charge.

**Section 12.** That no failure to collect, and no delay in collecting, any Standby Charge shall excuse or delay payment of any portion of the RTS Charge when due.

**Section 13.** That the RTS Charge is fixed and adopted by Metropolitan as a rate or charge on its member agencies, and is not a fee or charge imposed upon real property or upon persons as incidents of property ownership, and the Standby Charge is collected within the respective territories of electing member agencies as a mechanism for payment of the RTS Charge. In the event that the Standby Charge, or any portion thereof, is determined to be an unauthorized or invalid fee, charge or assessment by a final judgment in any proceeding at

law or in equity, which judgment is not subject to appeal, or if the collection of the Standby Charge shall be permanently enjoined and appeals of such injunction have been declined or exhausted, or if Metropolitan shall determine to rescind or revoke the Standby Charge, then no further Standby Charge shall be collected within any member agency and each member agency which has requested continuation of the Standby Charge as a means of collecting its RTS Charge obligation shall pay such RTS Charge obligation in full, as if continuation of such Standby Charge had never been sought.

**Section 14.** That the General Manager and the General Counsel are hereby authorized to do all things necessary and desirable to accomplish the purposes of this Resolution, including, without limitation, the commencement or defense of litigation.

**Section 15.** That if any provision of this Resolution or the application to any member agency, property or person whatsoever is held invalid, that invalidity shall not affect other provisions or applications of this Resolution which can be given effect without the invalid portion or application, and to that end the provisions of this Resolution are severable.

**Section 16.** That the General Manager is hereby authorized and directed to take all necessary action to satisfy relevant statutes requiring notice by mailing or by publication.

**Section 17.** That the Board Executive Secretary is hereby directed to transmit a certified copy of this Resolution to the presiding officer of the governing body of each member agency.

I HEREBY CERTIFY that the foregoing is a full, true and correct copy of a Resolution adopted by the Board of Directors of The Metropolitan Water District of Southern California, at its meeting held on April 8, 2025.

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Secretary of the Board of Directors  
of The Metropolitan Water District  
of Southern California

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA  
ENGINEER'S REPORT**

**PROGRAM TO SET A READINESS-TO-SERVE CHARGE EFFECTIVE JANUARY 1, 2026,  
INCLUDING LOCAL OPTION TO CONTINUE COLLECTING A STANDBY CHARGE,  
DURING FISCAL YEAR 2025/26**

**April 2025**

**BACKGROUND**

The Metropolitan Water District of Southern California is a public agency with a primary purpose to provide wholesale water service for domestic and municipal uses to its 26 member public agencies. Approximately 19 million people reside within Metropolitan's service area, which covers approximately 5,200 square miles and includes portions of the six counties of Los Angeles, Orange, Riverside, San Bernardino, San Diego and Ventura. Metropolitan historically provided between 40 and 60 percent of the water used within its service area. To supply Southern California with reliable and safe water, Metropolitan imports water from the Colorado River and Northern California to supplement its member agencies' local supplies, and helps its member agencies develop increased water conservation, recycling, storage and other local resource programs.

**REPORT PURPOSES**

As part of its role as a regional imported water supplier, Metropolitan builds, maintains, and operates capital facilities and implements water management programs that ensure the delivery of reliable high-quality water supplies throughout its service area. The purpose of this report is to: (1) identify and describe those facilities and programs that will be financed in part by Metropolitan's Readiness-to-Serve (RTS) Charge, and (2) describe the method and basis for levying Metropolitan's Standby Charge for those agencies electing to continue to collect a portion of their RTS obligation through Metropolitan's Standby Charge in fiscal year 2025/26. **Because the Standby Charge is levied and collected on a fiscal year basis the calculations in this report also are for the fiscal year, even though the RTS Charge is levied on a calendar year basis.** The RTS Charge for calendar year 2025 was adopted by Metropolitan's Board on April 9, 2024 and the RTS Charge for 2026 will be considered by the Board on April 8, 2025. The Board will consider the continuation of the Standby Charge for fiscal year 2025/26 on May 13, 2025.

Metropolitan collects the RTS Charge from its member agencies to recover a portion of the capital costs including debt service on bonds issued to finance capital facilities needed to meet demands on Metropolitan's system for emergency storage and available capacity to meet outages and hydrologic variability. The Standby Charge is collected from parcels of land within Metropolitan's member agencies that have elected to collect all or a portion of their RTS obligation through the Standby Charge, as a method of recovering the costs of special benefits conferred on parcels within their service area. The RTS Charge will partially pay for the facilities and programs described in this report, namely, the amount attributable to the portions providing emergency storage and available capacity to meet outages and hydrologic variability. The Standby Charge, when collected, will be utilized solely for capital payments and debt service on the capital facilities funded by the RTS Charge, as identified in this report.

The budgeted total RTS revenue for fiscal year 2025/26 is \$184.5 million, of which \$43.9 million is estimated to be collected via the Standby Charge based on fiscal year 2024/25 collections of the Charge as set forth in Table 5. The Standby Charge is collected on property tax bill.

## **METROPOLITAN'S RESPONSE TO FLUCTUATING WATER DEMANDS AND AVAILABILITY OF WATER SOURCES**

Metropolitan's member agencies have widely differing imported water supply needs and the availability of imported water supply from various sources also varies widely. Some agencies have no local water resources and rely on Metropolitan for 100 percent of their annual water needs. Other agencies have adequate local surface supplies and storage and/or groundwater basins that provide them with the majority of their water supplies during wet and average years. However, during dry periods and/or based on a variety of other factors, these agencies rely on Metropolitan to make up any shortfalls in local water supplies. Similar coordination challenges arise in managing water available from Metropolitan's various water supply sources.

To respond to fluctuating demands for water, Metropolitan and its member agencies collectively examined the available local and imported resource options in order to develop a cost-effective plan that meets the reliability and quality needs of the region. The product of this intensive effort was an Integrated Resources Plan (IRP) for achieving a reliable and affordable water supply for Southern California. The major objective of the IRP was to develop a comprehensive water resources plan that ensures (1) reliability, (2) affordability, (3) water quality, (4) diversity of supply, and (5) adaptability for the region, while recognizing the environmental, institutional, and political constraints to resource development. As these constraints change over time, the IRP is periodically revisited and updated by Metropolitan and the member agencies to reflect current conditions. The most recent update was adopted in 2016. In 2022, Metropolitan's Board adopted the 2020 IRP Regional Needs Assessment that incorporated scenario planning to address wide-ranging uncertainties rather than focusing on a single set of assumptions as in the past. To meet the water supply needs of the region, Metropolitan continues to identify and develop additional water supplies to maintain the reliability of the imported water supply and delivery system to its member agencies.

## **CAPITAL FACILITIES — CONVEYANCE AND DISTRIBUTION**

Metropolitan's water system has been built over time to meet the widely differing needs of its member agencies and the various sources of water available to Metropolitan. To meet those needs, Metropolitan's water delivery system is comprised of three basic conveyance and delivery components that form one integrated water system:

- State Water Project (SWP);
- Colorado River Aqueduct (CRA); and
- Distribution System

The system draws on diverse supply sources, transports water across a large part of the State and distributes water in six counties, where member agencies or their retail sub-agencies serve an estimated 19 million people. The CRA and the California Aqueduct of the SWP convey imported water into the Metropolitan service area. This water is then delivered to Metropolitan's member agencies via a regional network of canals, pipelines, and appurtenant facilities, which constitute the Distribution System. Supply, treatment, and storage facilities augment the Distribution System. The system is an interconnected regional conveyance and distribution system with the ability to deliver supplies from each of the SWP, the CRA, and its storage portfolio to most areas of its vast and diverse service area to almost every member agency. This flexibility derives from the capital facilities and provides local and system-wide benefits to all member agencies, as the facilities directly contribute to the reliable delivery of water supplies throughout Metropolitan's service area. The 2020 IRP Needs Assessment, however, identified reliability risks faced by member agencies that depend predominantly on SWP supplies served by Metropolitan.

As the 2007 Integrated Area Study (IAS) emphasized, regional system flexibility is a key component of overall reliability.<sup>1</sup> Today, system flexibility continues to be essential to the availability of Metropolitan's services.<sup>2</sup> Metropolitan must maintain operational flexibility—the ability to respond to short-term changes in regional water supply, water quality, treatment requirements, and member agency demands. Metropolitan must maintain delivery flexibility—the ability to maintain partial to full water supply deliveries during planned and unplanned facility outages. Metropolitan is also required by state statute to serve as large an area as is determined to be reasonable and practical with SWP water; and where a blend of water sources is served, to have the objective to the extent determined to be reasonable and practical. (MWD Act, Sec. 136.)

Metropolitan's intent in the 2007 Integrated Area Study was to provide equitable reliability across its service area through a balanced combination of infrastructure, storage, demand management, and water supply programs. In the context of climate change, historical hydrology proved an inadequate guide to supplies available from the State Water Project and the Colorado River. From 2020 through 2022, imported supply losses outstripped the ability of Metropolitan's portfolio to compensate. Further, Metropolitan could not provide equitable service to all member agencies. As such, Metropolitan's board in August 2022 adopted a resolution that committed to three new policy statements:

1. All member agencies must receive equivalent water supply reliability through an interconnected and robust system of supplies, storage, and programs.
2. Metropolitan will reconfigure and expand its existing portfolio and infrastructure to provide sufficient access to the integrated system of water sources, conveyance and distribution, storage, and programs to achieve equivalent levels of reliability to all member agencies.
3. Metropolitan will eliminate disparate water supply reliability through a One Water integrated planning and implementation approach to manage finite water resources for long-term resilience and reliability, meeting both community and ecosystem needs

In 2023, a series of winter storms brought much needed precipitation in both the northern Sierra and the Upper Colorado River Basins, improving available supplies for Metropolitan. Water supply conditions greatly improved, but also presented challenges to store and distribute all available supplies.

Operational flexibility is being increased by creating an interconnected regional delivery network integrating the SWP and the CRA conveyance systems with the Distribution System. This integrated network will fully allow Metropolitan to incorporate supply from the SWP and the CRA with a diverse portfolio of geographically dispersed storage programs, including the Central Valley groundwater storage programs, carryover storage in San Luis Reservoir, flexible storage capacity in Castaic Lake and Lake Perris, Lake Mead storage, the Desert Water Agency/Coachella Valley Water District Advanced Delivery account, in-basin surface storage in Diamond Valley Lake and Lake Mathews, and in-basin groundwater Conjunctive Use Programs. This integrated, regional network also allows Metropolitan to move supplies throughout the system in response to service demands, supply availability and operational needs.

Metropolitan's integrated conveyance, distribution and storage assets contributes to regional system reliability, with a structural limitation that became starkly evident in the 2020-2022 drought. It is fair and reasonable for member agencies and all property owners within the service area to share the cost of developing and maintaining these assets and newly identified system flexibility projects because they all benefit from regional system flexibility and reliability.

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<sup>1</sup> 2007 Integrated Area Study, Report No. 1317, pg. 2-10.

<sup>2</sup> 2024 Annual Operating Plan, pg. 8-14



### State Water Project Description and Benefits

One of Metropolitan's two major sources of water is the SWP.<sup>3</sup> The SWP is the largest state-built, multipurpose, user-financed water project in the country. It was designed and built primarily to deliver water, but also provides flood control, generates power for pumping, is used for recreation, and enhances habitat for fish and wildlife.

The SWP consists of a complex system of dams, reservoirs, power plants, pumping plants, canals and aqueducts to deliver water. See Figure 1. SWP water consists of water from rainfall and snowmelt runoff that is captured and stored in SWP conservation facilities and then delivered through SWP transportation facilities to water agencies and districts located throughout the Upper Feather River, Bay Area, Central Valley, Central Coast, and Southern California. In addition to the delivery of SWP water, the SWP is also used to convey transfers of SWP water and non-SWP water. Metropolitan receives water from the SWP through the California Aqueduct, which is 444 miles long, and at four delivery points near the northern and eastern boundaries of Metropolitan's service area.

**Figure 1. Facilities of the State Water Project**



<sup>3</sup> For historical and current information regarding the SWP, refer to Bulletin 132, published periodically by DWR since 1963. The most recently published Bulletin is Bulletin 132-21 dated July 2024 and titled "Management of the California State Water Project". Appendices to the Bulletin are also updated separately. Both are available at: <https://water.ca.gov/Programs/State-Water-Project/Management/Bulletin-132>.

The SWP is managed and operated by the Department of Water Resources (DWR). All water supply-related capital expenditures and operations, maintenance, power and replacement (OMP&R) costs associated with the SWP conservation and transportation facilities are paid for by 29 agencies and districts, known collectively as the State Water Contractors (Contractors). The Contractors are participants in the SWP through long-term contracts for the delivery of SWP water and use of the SWP transportation facilities.

In 1960, Metropolitan signed the first water supply contract (as amended, the State Water Contract) with DWR. The original term of the water supply contract was 75 years. In 2022, a contract extension was authorized which extended the original term by another 50 years to 2085. In addition to SWP water, Metropolitan also obtains water from water transfers, groundwater banking and exchange programs delivered through the California Aqueduct.

Since 1960, the SWP system has been extended, improved, and refurbished. All such costs are payable by the Contractors. California WaterFix was a comprehensive science-based solution proposed by the state to modernize critical water delivery infrastructure of the SWP. On October 10, 2017, Metropolitan's Board voted to support financing for the California WaterFix project. However, the state terminated the project in April 2019. Consistent with the Governor's Executive Order N-10-19, the state then announced a new single tunnel Delta conveyance project, which was notably included as part of the Governor's 2020 Water Resilience Portfolio. In 2019, DWR initiated planning and environmental review for a single tunnel Delta Conveyance Project (DCP) to protect the future reliability of access to SWP supplies. In December 2020, the Metropolitan Board authorized the General Manager to execute agreements for (a) funding a share of up to 60.2 percent for planning and pre-construction costs for the DCP, and (b) an amendment to the Joint Powers Agreement for the Delta Conveyance Design and Construction Joint Powers Authority. A Delta conveyance project will contribute to the improvement of capital facilities needed to meet demands on Metropolitan's system for emergency storage and available capacity to meet outages and hydrologic variability. Metropolitan's biennial budget for fiscal years 2024/25 and 2025/26 includes Metropolitan's planned contribution of \$11.6 million for DWR's planning costs of a new Delta conveyance project.

In December 2024, Metropolitan's Board authorized the General Manager to enter into an amended funding agreement for an amount not to exceed \$141.6 million for preconstruction work on the Delta conveyance project planned during 2026-2027. The projection includes approximately \$25.7 million in FY 2025/26 that were not included in the second year of the adopted 2024/25 and 2025/26 Budget, or the adopted calendar year 2026 rates. Metropolitan recently secured a commitment from DWR for a refund of \$75 million in past SWP payments that will cover the \$25.7 million anticipated to be spent in FY 2025/26.

All Metropolitan member agencies benefit from the SWP system and its supplies, which—when available—can be distributed to all member agencies. As described above, the 2020-2022 drought led Metropolitan's board to recommit itself to equitable water supply reliability and to direct staff to identify and pursue solutions to prevent a reoccurrence. Metropolitan's member agencies distribute that water to parcels as retail water providers or as wholesale water providers to retail agencies. In this way, the SWP water that Metropolitan delivers to its member agencies contributes to water available to existing and future end users throughout Metropolitan's service area. The cost of the net capital payments for the SWP less the portion covered by property taxes in fiscal year 2025/26 is \$0 million, as shown in Table 1. Real property throughout Metropolitan's service area benefits from the availability of the SWP facilities and its integration into Metropolitan's system and therefore all such costs may be attributed to such parcels. However, Metropolitan's Standby Charge collects only \$43.9 million of the total \$319.0 million system costs, representing 14% of the total system costs.

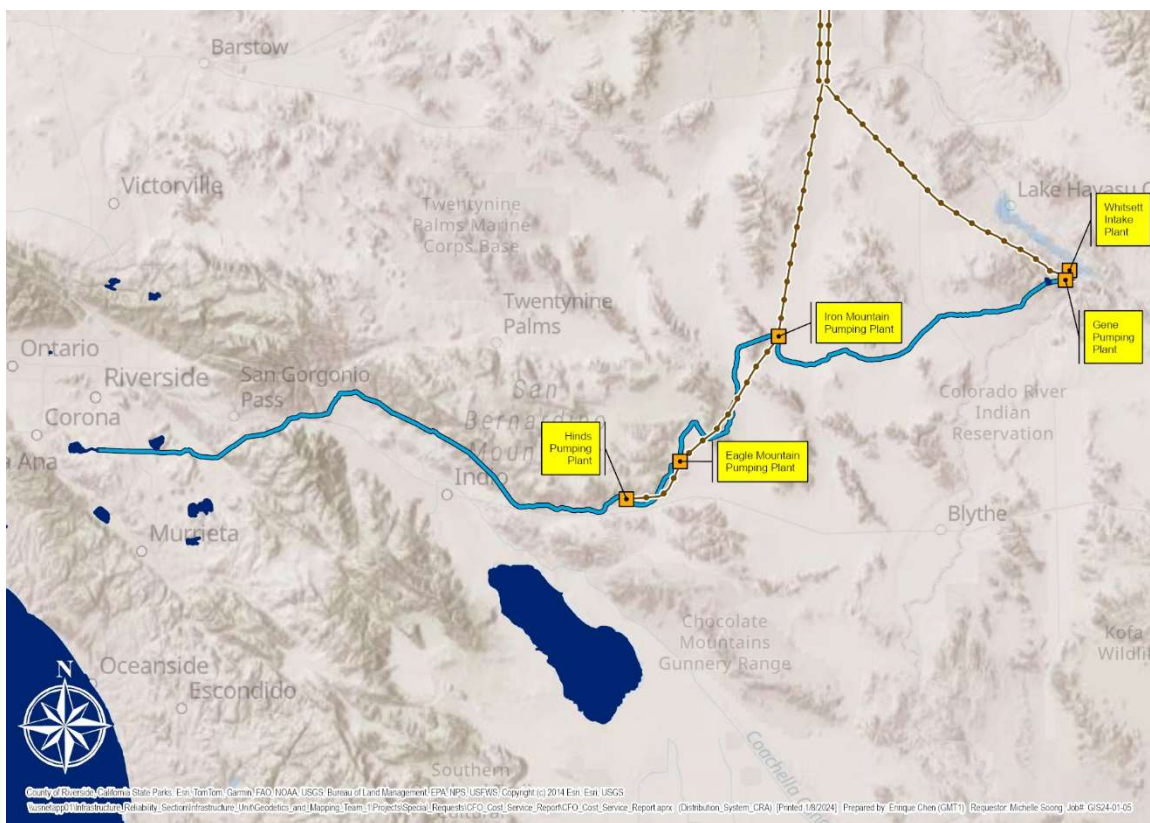
#### Colorado River Aqueduct Description and Benefits

Metropolitan's other major source of water is the CRA. Metropolitan was established to obtain an allotment of Colorado River water, and its first mission was to construct and operate the CRA. The CRA consists of five pumping plants, 450 miles of high voltage power lines, one electric substation, four regulating reservoirs, and 242

miles of aqueducts, siphons, canals, conduits and pipelines terminating at Lake Mathews in Riverside County. See Figure 2. Metropolitan owns, operates, and manages the Colorado River Aqueduct. Metropolitan is responsible for operating, maintaining, rehabilitating, and repairing the CRA, and is responsible for obtaining and scheduling energy resources adequate to power pumps at the CRA's five pumping stations.

Metropolitan incurs capital and operations and maintenance expenditures to support the CRA activities. The direct costs of the CRA activities include labor, materials and supplies, as well as outside services to provide repair and maintenance, and professional services. The CRA activities benefit from Water System Operations support services and management supervision, as well as Administrative and General activities of Metropolitan. Metropolitan finances past, current, and future capital improvements on the CRA, and capitalizes those improvements as assets. The costs of Metropolitan's capital financing activities are apportioned to cost functions, such as the CRA Conveyance and Aqueduct function. The capital cost of the Colorado River Aqueduct and Inland Feeder in fiscal year 2025/26 is \$90.9 million, and is included in the Non-SWP Conveyance System line item in Table 1. Real property throughout Metropolitan's service area benefits from the availability of the CRA facilities and its integration into Metropolitan's system and therefore all such costs may be attributed to such parcels. However, Metropolitan's Standby Charge collects only \$43.9 million of the total \$319.0 million system costs, representing 14% of the total system costs.

**Figure 2. Colorado River Aqueduct**



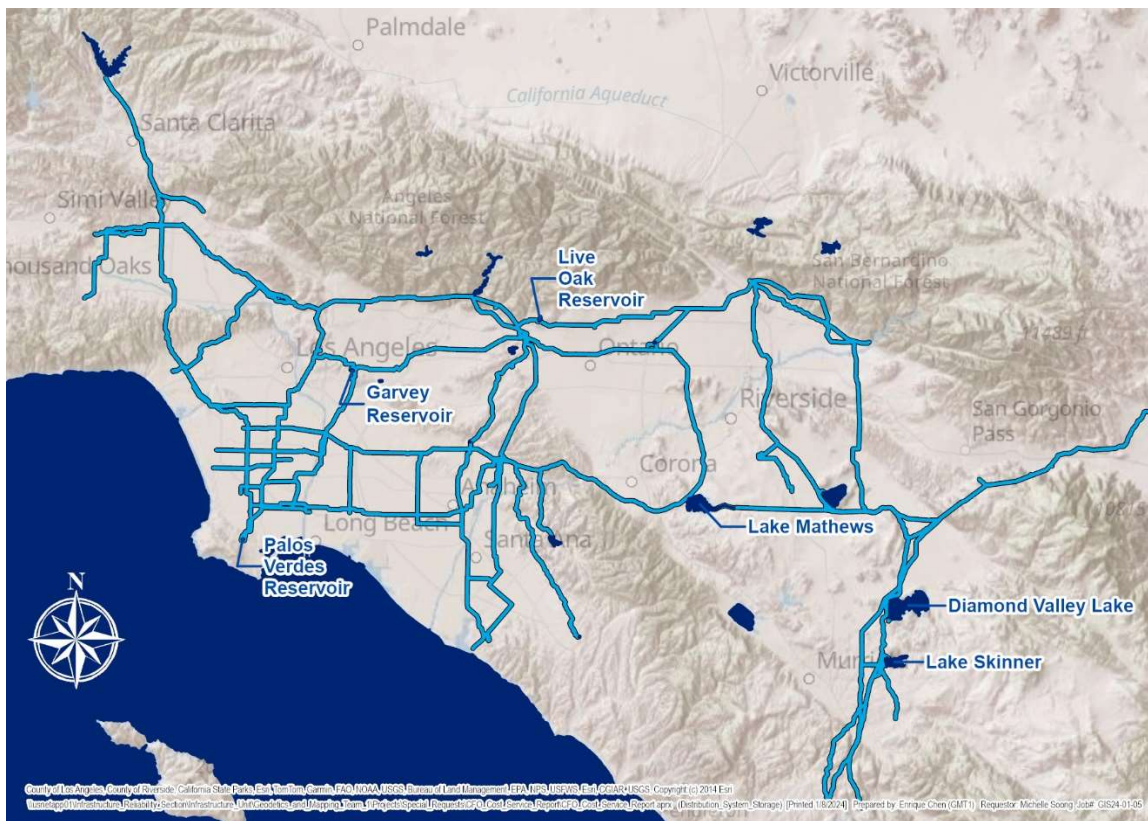
### Metropolitan's Conveyance and Distribution System Benefits

For purposes of this report, components of the conveyance system are considered to include only those major trunk facilities that transport water from primary supply sources to either regional storage facilities or feeder lines linked to the primary conveyance facilities. See Figure 3. For a list of Metropolitan's conveyance facilities within its service area, see Table 3. All other water transport facilities, including pipelines, feeders, laterals, canals and

aqueducts, are considered to be distribution facilities. Distribution facilities can be further identified in that they generally have at least one connection to a member agency's local distribution system. For a list of Metropolitan's distribution facilities, see Table 3.

All water transport facilities not specifically identified as part of the regional conveyance system are considered to be distribution facilities (Distribution System). While conveyance and aqueduct system components are regional in nature and generally do not link directly to local agency distribution systems, Distribution System facilities do ultimately connect to local agency systems. As a result, these facilities rely on conveyance and aqueduct facilities to import water from regional supply sources. The Distribution System is a complex network of facilities which routes water from the CRA and SWP to the member agencies. Beginning at the terminal delivery points of the CRA and SWP, Metropolitan's Distribution System includes approximately 775 miles of pipelines, feeders, and canals. Distribution System operations are coordinated from the Operations Control Center in Eagle Rock. The control center plans, schedules, and balances daily water operations in response to member agency demands and the operational limits of the system as a whole. Metropolitan's storage and treatment facilities augment the Distribution System. Metropolitan operates and maintains separate untreated and treated distribution facilities.

**Figure 3. Metropolitan's Distribution and Storage Facilities**



Metropolitan has an ongoing commitment, through physical system improvements and the maintenance and rehabilitation of existing facilities, to maintain the reliable delivery of water throughout the entire service area. System flexibility improvement projects include additional conveyance and distribution facilities to maintain the dependable delivery of water supplies, provide alternative system delivery capacity, and enhance system operations. Conveyance and distribution system improvement benefits also include projects to upgrade obsolete facilities or equipment, or to rehabilitate or replace facilities or equipment. These projects are needed to enhance system operations, comply with new regulations, and maintain a reliable distribution system. A list of



conveyance and distribution system facilities is provided in Table 3 along with the fiscal year 2025/26 estimated conveyance and distribution system benefits. The capital cost of the Distribution System in fiscal year 2025/26 is \$102.0 million, and is included in the Distribution System line item in Table 1. Real property throughout Metropolitan's service area benefits from the availability of the Distribution System and its integration into Metropolitan's system and therefore all such costs may be attributed to such parcels. However, Metropolitan's Standby Charge collects only \$43.9 million of the total \$319.0 million system costs, representing 14% of the total system costs.

## **CAPITAL FACILITIES – WATER STORAGE**

### **System Storage Benefits**

The Metropolitan system, for purposes of meeting demands during times of shortage, regulating system flows, and ensuring system reliability in the event of a system outage, provides over 1,000,000 acre-feet of system storage capacity. Diamond Valley Lake provides 810,000 acre-feet of that storage capacity, effectively doubling Southern California's previous surface water storage capacity. Other existing imported water storage available to the region consists of Metropolitan's raw water reservoirs, a share of the SWP's raw water reservoirs in and near the service area, and the portion of the groundwater basins used for conjunctive-use storage.

Water stored in system storage during above average supply conditions (surplus) provides a reserve against shortages when supply sources are limited or disrupted. Water storage also preserves Metropolitan's capability to deliver water during scheduled maintenance periods, when conveyance facilities must be removed from service for rehabilitation, repair, or maintenance. The benefits of these capital facilities are both local and system-wide, as the facilities directly contribute to the reliable delivery of water supplies throughout Metropolitan's service area. The capital costs of water storage in fiscal year 2025/26 is \$126.1 and, as shown in Table 1. Real property throughout Metropolitan's service area benefits from the availability of the storage capacity throughout the service area and its integration into Metropolitan's system and therefore all such costs may be attributed to such parcels. However, Metropolitan's Standby Charge collects only \$43.9 million of the total \$319.0 million system costs, representing 14% of the total system costs.

## **METROPOLITAN'S REVENUE**

Metropolitan's major capital facilities are financed largely from the proceeds of revenue bond issues, which are repaid over future years. The principal source of revenue for repayment of these bonds is water sales to its member agencies, which is currently Metropolitan's largest source of revenue. In addition, *ad valorem* property taxes provide an additional limited revenue source, which is used to pay pre-1978 voter-approved indebtedness. However, the use of water rates as a primary source of revenue has placed an increasing burden on member agencies and their ratepayers, which would more equitably continue to be paid in part by assessments on land that in part derives its value from the availability of water through an integrated and reliable water system.

### **Readiness-To-Serve**

In December 1993, Metropolitan's Board approved a revenue structure that included additional charges to establish a commitment to Metropolitan's capital improvement program and provide revenue stability. This revenue structure included the RTS Charge, which in 1995 certain member agencies opted to pay in part pursuant to the collection of a standby charge. In October 2001, the Board adopted the current unbundled rate structure, and maintained the RTS Charge.

As noted above, Metropolitan levies the RTS Charge on its member agencies to recover capital costs, including a portion of the debt service on bonds issued to finance capital facilities needed to meet existing demands on Metropolitan's system for emergency storage and available capacity.



The estimated fiscal year 2025/26 RTS Charge for each member agency is shown in Table 4.

### Standby Charge Option

Metropolitan's Standby Charge is authorized by the State Legislature and has been levied by Metropolitan since fiscal year 1992/93. The Standby Charge recognizes that there are economic benefits to lands that have access to a water supply, whether or not such lands are using it, which excludes lands permanently committed to open space and maintained in their natural state that are not now and will not in the future be supplied water and lands that the General Manager, in his discretion, finds do not now and cannot reasonably be expected to derive a benefit from the projects to which the proceeds of the Standby Charge will be applied. Utilization of the Standby Charge transfers some of the burden of maintaining Metropolitan's capital infrastructure from water rates and *ad valorem* taxes to all the benefiting properties within the service area. A fraction of the value of this benefit and of the cost of providing it can be effectively recovered, in part, through the levying of a standby charge. The projects to be supported in part by the Standby Charge are capital projects that provide both local and Metropolitan-wide benefit to current landowners as well as existing water users.

Although a standby charge could have been set to recover all Conveyance, Distribution, and Storage costs as detailed in Table 1, Metropolitan's continued Standby Charge only collects about 14% of those costs. For fiscal year 2025/26, the amount to be recovered by the RTS Charge is estimated to be \$184.5 million and of that only \$43.9 million is estimated to be recovered by the Standby Charge.

The Standby Charge for each acre or parcel of less than an acre varies from member agency to member agency, as permitted under the legislation establishing Metropolitan's Standby Charge. The water Standby Charge for each member agency is continued at amounts not to exceed the rates in place since fiscal year 1996/97 and is shown in Table 5, which consists of composite rates by member agencies, not to exceed \$15.00. Originally, the composite rates consisted in part of a uniform component of \$5 applicable throughout Metropolitan, and in part of a variable component, not exceeding \$10 in any member public agency, reflecting the allocation of historical water deliveries by the member agencies as of fiscal year 1993/94 when the composite rates were initially established. Metropolitan will continue Standby Charges only within the service areas of the member agencies that have requested that the Standby Charge be utilized for purposes of meeting their outstanding RTS obligation. Although rates may not exceed the amounts in place in fiscal year 1996/97, some rates may be lower.

The Standby Charge is proposed to be collected from: (1) parcels on which water standby charges have been levied in fiscal year 1993/94 and annually thereafter and (2) parcels annexed to Metropolitan and to an electing member agency after January 1997. Table 6 lists parcels annexed, or to be annexed, to Metropolitan and to electing member agencies during fiscal year 2024/25, such parcels being subject to the Standby Charge upon annexation, which is used to estimate the Standby Charge collections for the following fiscal year. Fiscal Year 2025/26 Table 6 also shows parcels known by Metropolitan as annexed, or to be annexed, by the time collections are made for fiscal year 2025/26.

The estimated costs of Metropolitan's wholesale water system, which could be paid by a Standby Charge, are approximately \$319.0 million for fiscal year 2025/26, as shown in Table 1. An average total Standby Charge of about \$73.28 per acre of land or per parcel of land less than one acre would be necessary to pay for the total potential program benefits. Benefits in this amount will accrue to each acre of property and parcel within Metropolitan's service area, as Metropolitan delivers water to member agencies that contributes to water available to these properties, via that member agency or a retail sub-agency. Because Metropolitan's water deliveries to member agencies contributes to water available only to properties located within Metropolitan's service area boundaries (except for certain contractual deliveries as permitted under Section 131 of the Metropolitan Water District Act), any benefit received by the public at large or by properties outside of the area is merely incidental.

Table 5 shows that the distribution of Standby Charge revenues from the various member agency service areas would provide net revenue flow of approximately \$43.9 million for fiscal year 2025/26. Metropolitan will use other revenue sources, such as water sales revenues, RTS Charge revenues (except to the extent collected through standby charges, as described above), interest income, and revenue from sales of hydroelectric power, to pay for the remaining program costs. Additionally, the actual Standby Charge proposed to be continued ranges from \$0.10 to \$14.20 per acre of land or per parcel of land less than one acre. Thus, the benefits of Metropolitan's investments in water conveyance, storage, and distribution far exceed the recommended Standby Charge.

### **Equity**

The RTS Charge is a firm revenue source. The revenues to be collected through this charge will not vary with sales in the current year. This charge is levied on Metropolitan's member agencies and is not a fee or charge upon real property or upon persons as an incident of property ownership. It ensures that agencies that only occasionally purchase water from Metropolitan but receive the reliability benefits of Metropolitan's system pay an equitable share of the costs to provide that reliability. Within member agencies that elect to pay the RTS Charge through Metropolitan's standby charges, the Standby Charge results in a lower RTS Charge than would otherwise be necessary due to the amount of revenue collected from lands which benefit from the availability of Metropolitan's water system. With the Standby Charge, these properties are now contributing a more appropriate share of the cost of importing water to Southern California.

Metropolitan's water system increases the availability and reliable delivery of water throughout Metropolitan's service area. A reliable system benefits existing end users and land uses through retail water service provided by Metropolitan member agencies or by water retailers that purchase water from a Metropolitan member agency, and through the replenishment of groundwater basins and reservoir storage as reserves against shortages due to droughts, natural emergencies, or scheduled facility shutdowns for maintenance. The benefits of reliable water resources from the SWP, CRA, Storage, and system improvements accrue to more than 250 cities and communities within Metropolitan's six-county service area. Metropolitan's regional water system is interconnected, so water supplies from the SWP and CRA can be used throughout most of the service area and therefore benefit water users and properties system-wide.

A major advantage of a firm revenue source, such as an RTS charge, is that it contributes to revenue stability during times of drought or low water sales. It affords Metropolitan additional security, when borrowing funds, that a portion of the revenue stream will be unaffected by drought or by rainfall. This security will help maintain Metropolitan's historically high credit rating, which results in lower interest expense to Metropolitan, and therefore, lower overall cost to its member agencies.

## SUMMARY

The foregoing and the attached tables describe the current costs of Metropolitan's system and benefits provided by the projects listed as mainstays to the water system for Metropolitan's service area. Benefits are provided to member agencies, their retail sub-agencies, water users and property owners. The projects represented by this report provide both local benefits as well as benefits throughout the entire service area. It is recommended, for calendar year 2026, that the Metropolitan Board of Directors adopt the RTS Charge as set forth in Table 4 with an option for local agencies to request that a Standby Charge be collected for fiscal year 2025/26 from lands within Metropolitan's service area as a credit against such member agency's RTS Charge, up to the Standby Charge amounts collected by Metropolitan within the applicable member agency for fiscal year 1996/97. The maximum Standby Charge would not exceed \$15 per acre of land or per parcel of less than one acre. The costs of the system described in this Engineer's Report exceeds the recommended Standby Charge by at least \$275 million. A preliminary listing of all parcels subject to the proposed 2025/26 Standby Charge and the amounts proposed to be continued for each is available in the office of the Chief Financial Officer. A final listing is available upon receipt of final information from each county.

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**TABLE 1**  
**ESTIMATED COSTS OF**  
**WATER SYSTEM INFRASTRUCTURE**  
**BENEFITING REAL PROPERTY WITHIN METROPOLITAN'S SERVICE AREA**

	Estimated Program Costs for FY2025/26	Dollars Per Parcel of 1 Acre or Less
<b>Capital Payments for Water System Infrastructure</b>		
Net Capital Payments to State Water Project (SWP) (less portion paid by property taxes)	\$ -	\$0.00
Non Tax Supported Capital Costs for Non-SWP Conveyance System <sup>1</sup>	\$ 90,887,289	\$20.88
Non Tax Supported Capital Costs for Distribution System <sup>2</sup>	\$ 101,998,076	\$23.43
Non Tax Supported Capital Costs for Water Storage <sup>3</sup>	\$ 126,115,329	\$28.97
<b>Total Capital Payments</b>	<b>\$ 319,000,695</b>	<b>\$73.28</b>
 <b>Estimated Standby Charge Revenues</b>	 \$ 43,887,274	 \$10.08
Percent Collected by Standby Charge	14%	
 <b>Total Remaining Costs Not Paid by Standby Charge</b>	 <b>\$ 275,113,421</b>	 <b>\$63.20</b>

**Notes:**

[1] Non-SWP Conveyance include the Colorado River Aqueduct and Inland Feeder.

[2] Distribution facilities include the pipelines, laterals, feeders and canals that distribute water throughout the service area.

[3] System storage includes Diamond Valley Lake, Lake Mathews, Lake Skinner and several other smaller surface reservoirs which provide storage for operational purposes.

Totals may not foot due to rounding

TABLE 2	
WATER RECYCLING, GROUNDWATER RECOVERY AND CONSERVATION PROJECTS	
Project Name	FISCAL YEAR 2025/26 Payment
<b>Water Recycling Projects</b>	<b>\$20,470,801</b>
Anaheim Water Recycling Demonstration Project	
Burbank Recycled Water System Expansion Phase II Project	
Capistrano Valley Non Domestic Water System Expansion	
CBMWD Recycled Water System Expansion Phase I	
Direct Reuse Project Phase IIA	
Eastern Recycled Water Pipeline Reach 16 Project	
El Toro Phase II Recycled Water Distribution System Expansion Project	
El Toro Recycled Water System Expansion	
Elsinore Valley Recycled Water Program	
Escondido Membrane Filtration Reverse Osmosis Facility	
Escondido Regional Reclaimed Water Project	
French Valley Recycled Water Distribution Project	
Groundwater Reliability Improvement Program Recycled Water Project	
Hansen Area Water Recycling Phase I Project	
Hansen Dam Golf Course Water Recycling Project	
Jurupa Community Services District Regional Recycled Water Project	
La Puente Recycled Water Project	
Lake Mission Viejo Advanced Purification WTF	
Las Flores Recycled Water System Expansion Project	
Leo J. Vander Lans Water Treatment Facility Expansion Project	
Los Angeles Taylor Yard Park Water Recycling Project	
Michelson/Los Alisos Water Reclamation Plant Upgrades and Distribution System Expansion Project	
North Atwater Area Water Recycling Project	
North Hollywood Area Water Recycling Project	
Oceanside Pure Water and Recycled Water Phase I Project	
Oxnard Advanced Water Purification Facility Project	
Rowland Water District Portion of the City of Industry Regional Recycled Water Project	
San Clemente Recycled Water System Expansion Project	
San Diego Pure Water North City Project Phase I	
San Elijo Water Reclamation System	
Sepulveda Basin Sports Complex Water Recycling Project	
Sepulveda Basin Water Recycling Project - Phase 4	
Terminal Island Recycled Water Expansion Project	
USGVMWD Portion of the City of Industry Regional Recycled Water Project	
Van Nuys Area Water Recycling Project	
Walnut Valley Water District Portion of the City of Industry Regional Recycled Water Project	
West Basin Water Recycling Program Phase V Project	
Westside Area Water Recycling Project	
<b>Groundwater Recovery Projects</b>	<b>\$9,164,100</b>
Beverly Hills Desalter Project	
Cal Poly Pomona Water Treatment Plant	
Chino Basin Desalination Program / IEUA	



<b>TABLE 2 (Continued)</b> <b>WATER RECYCLING, GROUNDWATER RECOVERY AND CONSERVATION PROJECTS</b>	
<b>Project Name</b>	<b>FISCAL YEAR 2025/26 Payment</b>
<b>Groundwater Recovery Projects (continued)</b>	<b>\$9,164,100</b>
Chino Basin Desalination Program / Western	
Fallbrook Groundwater Desalter Project	
Irvine Desalter Project	
IRWD Wells 21 & 22 Desalter Project	
North Pleasant Valley Regional Desalter	
Perris II Brackish Groundwater Desalter	
Pomona Well #37-Harrison Well Groundwater Treatment Project	
Round Mountain Water Treatment Plant	
Santa Monica Sustainable Water Supply Project	
<b>On-site Retrofit Program</b>	<b>\$3,000,000</b>
<b>Future Supply Actions</b>	<b>\$3,468,000</b>
<b>Conservation Projects</b>	<b>\$44,150,000</b>
Regionwide Residential	
Regionwide Commercial	
Regionwide Residential and Commercial Turf Replacement Program	
Member Agency Administered/MWD Funded	
Water Savings Incentive Program	
Landscape Training Classes	
Landscape Irrigation Surveys	
Innovative Conservation Program/Pilot Programs/Studies	
Inspections	
Member Agency Technical Assistance	
Conservation Advertising	
Municipal Leak Detection and Repair	
Multifamily Property Toilet Replacement Program	
Residential Direct Install partnership with Southern California Gas Company	
<b>Total Demand Management Programs</b>	<b>\$80,252,901</b>

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Storage Facilities**

102677 - JENSEN, REPAIR COVER OVER RESERVOIR 1  
 102836 DIAMOND VALLEY LAKE, CONSULTANT COSTS  
 103166 GARVEY RESERVOIR SODIUM HYPOCHLORITE FEED SYSTEM REHABILITATION  
 103172 DVL UNGERGROUND TANK CLOSURE  
 104800 GARVEY RESERVOIR DRAINAGE AND EROSION IMPROVEMENTS  
 105024 GARVEY RESERVOIR SODIUM HYPOCHLORITE TANK REPLACEMENT  
 105091 DIAMOND VALLEY LAKE FLOATING WAVE ATTENUATOR  
 105100 GARVER RESERVOIR BROKEN DRAIN PIPE AT ABTMNT  
 105125 LAKE SKINNER BUILDING ROOF REPLACEMENT  
 105176 LIVE OAK RESERVOIR ASPHALT PAVEMENT REHABILITATION  
 105202 GARVEY RESERVOIR DRAINAGE & EROSION IMPROVEMENTS - AREAS 6-10, 11  
 105207 DVL MARINA BOAT LAUNCH DOCKS REFURBISHMENT  
 ALAMEDA CORRIDOR, PIPELINE RELOCATION, PROTECTION  
 CAJALCO CREEK AND LAKE MATHEWS ADAS REPLACEMENT PROJECT  
 CAPITAL PROGRAM FOR PROJECTS COSTING LESS THAN \$250,000-LIVE OAK  
 CAPITAL PROGRAM FOR PROJECTS COSTING LESS THAN \$250,000-MORRIS DAM  
 CHINO BASIN GROUNDWATER SERVICE CONNECTION CB-15T  
 CHLORINATION AND PH CONTROL FACILITIES- ORANGE COUNTY & GARVEY (50/50)  
 CHLORINE CONTAINER SCALES & HOISTING EQUIPMENT-SAN JOAQUIN  
 CLEARING OF LAKE MATHEWS RESERVOIR AREA  
 CONVERSION OF DEFORMATION SURVEY MONITORING AT COPPER BASIN  
 COPPER BASIN AND GENE WASH DAM, INSTALL SEEPAGE ALARM (50/50)  
 COPPER BASIN RESERVOIR SUPERVISORY CONTROL  
 COPPER BASIN SEWER SYSTEM  
 CORONA DEL MAR RESERVOIR- REPLENISHMENT  
 CORONA DEL MAR RESERVOIR-: CHLORINATION STATION  
 CRANE - LAKE MATHEWS OUTLET TOWER (ORG CONST)  
 CUF DECHLORINATION SYSTEM FINAL DESIGN AND CONSTRUCTION  
 DAM MONITORING SYSTEM UPGRADES - Lake Mathews  
 DAM MONITORING SYSTEM UPGRADES - LAKE SKINNER  
 DAM MONITORING SYSTEM UPGRADES LAKE MATHEWS  
 DAM MONITORING SYSTEM UPGRADES LAKE SKINNER  
 DAM SAFETY AND REHABILITATION PROGRAM, DAM MONITORING AUTOMATION  
 DAM SEISMIC ASSESSMENT - PHASE 3  
 DAM SEISMIC UPGRADE - PHASE 3  
 DAM SEISMIC UPGRADES - PHASE 3  
 DIAMOND VALLEY LAKE CRANE REHABILITATION - NEW  
 DIAMOND VALLEY LAKE DAM MONITORING SYSTEM UPGRADE  
 DIAMOND VALLEY LAKE DAM MONITORING SYSTEM UPGRADE - STAGES 1 & 2  
 DIAMOND VALLEY LAKE DAM MONITORING SYSTEM UPGRADES - STAGE 3  
 DIAMOND VALLEY LAKE DAM MONITORING SYSTEM UPGRADES - STAGES 1 & 2  
 DIAMOND VALLEY LAKE DOMESTIC WATER SYSTEM IMPROVEMENTS  
 DIAMOND VALLEY LAKE FOREBAY CONCRETE JOINT SEAL REPLACEMENT  
 DIAMOND VALLEY LAKE FUEL TANK MONITORING AND INVENTORY SYSTEM  
 DIAMOND VALLEY LAKE INLET/OUTLET TOWER FISH SCREEN REPLACEMENT - CONSTRUCTION  
 DIAMOND VALLEY LAKE MARINA BOAT LAUNCH DOCKS REFURBISHMENT  
 DIAMOND VALLEY LAKE MONITORING SYSTEM UPGRADES  
 DIAMOND VALLEY LAKE OXYGENATION SYSTEM  
 DIAMOND VALLEY LAKE, CAL PLAZA CHARGES  
 DIAMOND VALLEY LAKE, CONSULTANT COSTS  
 DIAMOND VALLEY LAKE, DAM DEFORMATION MONITORING  
 DIAMOND VALLEY LAKE, EAST DAM SUMP PUMP ELECTRICAL STUDY  
 DIAMOND VALLEY LAKE, GENERAL CONSTRUCTION MGMT, 2000-2001  
 DIAMOND VALLEY LAKE, INUNDATION MAPS  
 DIAMOND VALLEY LAKE, UNDERGROUND TANK CLOSURE  
 DIAMOND VALLEY RECREATION, EAST MARINA  
 DIAMOND VALLEY RECREATION, FISHERY  
 DIAMOND VALLEY RECREATION, MUSEUM FOUNDATION REHABILITATION  
 DIAMOND VALLEY RECREATION, SEARL PARKWAY IMPROVEMENTS, PHASE I  
 DIAMOND VALLEY TRAILS PROGRAM, TRAILS  
 DIEMER CHLORINE EJECTOR WATER SUPPLY LINE IMPROVEMENTS  
 DIEMER FWR SLOPE PROTECTION IMPROVEMENTS  
 DIEMER PLANT, RESERVE STRUCTURE MODIFICATION  
 DISTRICT DESIGN AND INSPECTION - MORRIS DAM  
 DISTRICT RESERV. AQUEOUS AMMONIA FEED SYSTEM  
 DISTRICT RESERVOIR - LONGTERM CHEMICAL FAC CONTAINMENT  
 DOMESTIC WATER SUPPLY - LAKE MATHEWS (ORG CONST)  
 DOMESTIC WATER SYSTEM - LAKE MATHEWS (ORG CONST)  
 DOMESTIC WATER SYSTEM-PALOS VERDES RESERVOIR (INTERIM CONST)  
 DVL - SEARL PARKWAY EXTENSION - PHASE 2  
 DVL - SEARL PARKWAY LANDSCAPING  
 DVL AND SKINNER AREA FLOW METER REPLACEMENT  
 DVL CONTROL & PROTECTION UPGRADE  
 DVL EAST DAM ELECTRICAL UPGRADES  
 DVL EAST DAM POWER LINE REALIGNMENT  
 DVL EAST MARINA WATER TANK REPLACEMENT  
 DVL INLET/OUTLET FISH SCREEN REHABILITATION  
 DVL INLET/OUTLET TOWER FISH SCREEN REPLACEMENT - CONSTRUCTION  
 DVL RECREATION - ALTERNATE ACCESS ROAD  
 DVL RECREATION ENTITLEMENT/MASTER PLANNING  
 DVL RECREATION LAKEVIEW TRAIL  
 DVL RECREATION, COMMUNITY PARK AND REGIONAL AQUATIC FACILITY  
 DVL RECREATION, PROGRAM MANAGEMENT  
 DVL RECREATION, SURPLUS LAND DISPOSITION PLANNING  
 DVL SECURITY ENHANCEMENT  
 DVL, CONSTRUCTION  
 DVL, CONSTRUCTION CLAIMS SUPPORT  
 DVL, CONSTRUCTION MANAGEMENT SERVICE  
 DVL, CONSTRUCTION SUPERVISION  
 DVL, CONSTRUCTION, WEST DAM FOUNDATION  
 DVL, DEDICATION CEREMONY  
 DVL, DISTURBED  
 DVL, DOMENIGONI PARK

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Storage Facilities**

DVL, EAST DAM  
DVL, EAST DAM EMBANKMENT  
DVL, EAST DAM FENCING  
DVL, EAST DAM INLET OUTLET TOWER CONSTRUCTION  
DVL, EAST DAM LANDSCAPE SCREENING  
DVL, EAST DAM NORTH RIM REMEDIATION  
DVL, EAST DAM P-1 FACILITIES  
DVL, EAST DAM SITE COMPLETION  
DVL, EAST DAM STATE STREET IMPROVEMENTS  
DVL, EAST DAM VERTICAL SLEEVE VALVE  
DVL, EAST MARINA, PHASE 2  
DVL, EXCAVATION  
DVL, FIXED CONE, SPHERE  
DVL, GENERAL  
DVL, GRADING OF CONT  
DVL, INSTALL NEW WATERLINE  
DVL, MISC SMALL CONS  
DVL, NORTH HIGH WATER ROAD  
DVL, P-1 PUMPING FACILITY  
DVL, PROCUREMENT  
DVL, SCOTT ROAD EXTENSION  
DVL, SOUTH HIGH WATER ROAD & QUARRY  
DVL, SPILLWAY  
DVL, START UP  
DVL, VALLEY-WIDE SITE ROUGH GRADING  
DVL, WORK PACKAGE  
DVL, WORK PACKAGE 1  
DVL, WORK PACKAGE 10, INLET OUTLET WORK  
DVL, WORK PACKAGE 11, FOREBAY  
DVL, WORK PACKAGE 12, TUNNEL  
DVL, WORK PACKAGE 13, P-1 PUMP OPERATIONS FACILITY  
DVL, WORK PACKAGE 14, PC-1  
DVL, WORK PACKAGE 15, SITE CLEARING  
DVL, WORK PACKAGE 16, GROUNDWATER MONITORING  
DVL, WORK PACKAGE 17, FIELD OFFICE  
DVL, WORK PACKAGE 18, TEMPORARY VISITOR CENTER  
DVL, WORK PACKAGE 19, PERMANENT VISITOR CENTER  
DVL, WORK PACKAGE 2, EASTSIDE PIPELINE  
DVL, WORK PACKAGE 20, EAST DAM EXCAVATION, FOUNDATION  
DVL, WORK PACKAGE 21, WEST DAM EXCAVATION, FOUNDATION  
DVL, WORK PACKAGE 23, WEST RECREATION AREA  
DVL, WORK PACKAGE 24, EAST RECREATION AREA  
DVL, WORK PACKAGE 25, EXCAVATION  
DVL, WORK PACKAGE 26, ELECTRICAL TRANSMISSION LINES  
DVL, WORK PACKAGE 27, MAJOR EQUIPMENT P-1  
DVL, WORK PACKAGE 28, MAJOR EQUIPMENT, GATES  
DVL, WORK PACKAGE 29, MAJOR EQUIPMENT, PC-1  
DVL, WORK PACKAGE 30, INSTRUMENTATION AND CONTROL SYSTEMS  
DVL, WORK PACKAGE 31, GEOGRAPHICAL INFO  
DVL, WORK PACKAGE 32, PERMIT  
DVL, WORK PACKAGE 33, MAJOR EQUIPMENT, VALVES  
DVL, WORK PACKAGE 34, EMERGENCY RELEASE  
DVL, WORK PACKAGE 35  
DVL, WORK PACKAGE 36, TRANSMISSION LINE TO PC-1  
DVL, WORK PACKAGE 38, RUNOFF EROSION  
DVL, WORK PACKAGE 39, SADDLE DAM FOUNDATION  
DVL, WORK PACKAGE 4, NEWPORT ROAD RELOCATION  
DVL, WORK PACKAGE 40  
DVL, WORK PACKAGE 42, GEOTECHNICAL  
DVL, WORK PACKAGE 43, MOBILIZATION  
DVL, WORK PACKAGE 44, SITE DEVELOPMENT  
DVL, WORK PACKAGE 47, HAZARDOUS MATERIAL  
DVL, WORK PACKAGE 48, GENERAL ADMIN  
DVL, WORK PACKAGE 49  
DVL, WORK PACKAGE 5, SALT CREEK FLOOD CONTROL  
DVL, WORK PACKAGE 52, HISTORY ARCHEOLOGY INVENTORY  
DVL, WORK PACKAGE 53, PREHISTORIC ARCHEOLOGY  
DVL, WORK PACKAGE 54, PLANTS, WILDLIFE  
DVL, WORK PACKAGE 55, AIR QUALITY, NOISE  
DVL, WORK PACKAGE 6, SURFACE WATER MITIGATION  
DVL, WORK PACKAGE 7, DESIGN WEST DAM ACCESS  
DVL, WORK PACKAGE 8, DESIGN EAST DAM ACCESS  
DVL, WORK PACKAGE 9, SADDLE DAM  
DVL, WORKING INVENTORY, 80,000 ACRE FEET (10% OF CAPACITY)  
EAST DAM TUNNELS  
EAST MARINA BOAT RAMP EXTENSION  
EAST MARINA BOAT RAMP EXTENSION II  
ELECTRICAL SERVICE - LAKE MATHEWS (ORG CONST)  
ELECTRICAL SYSTEM - LAKE MATHEWS (ORG CONST)  
ETIWANDA RESERVOIR REHABILITATION  
FIRST SAN DIEGO AQUEDUCT - REPLACE PIPELINE SECTION BOTH BARRELS  
FLOATING BOAT HOUSE - LAKE MATHEW  
FLOOD RELEASE VALVE, MORRIS DAM & WATER SUPPLY SYSTEM,PV RESER.  
FOOTBRIDGE - LAKE MATHEWS (ORG CONST)  
FOOTHILL FEEDER- LIVE OAK RESERVOIR- CLAIMS  
FOOTHILL FEEDER- LIVE OAK RESERVOIR- RESIDENCE  
GARVER RESERVOIR BROKEN DRAIN PIPE AT ABTMT  
GARVEY RESERVIOR OPERATION & MAINTENANCE CENTER  
GARVEY RESERVIOR OPERATION & MAINTENANCE CENTER (RETIREMENT)  
GARVEY RESERVOIR - JUNCTION STRUCTURE,REPLACE VALVE # 1  
GARVEY RESERVOIR AUTOMATED DATA ACQUISITION SYSTEM (ADAS) REPLACEMENT  
GARVEY RESERVOIR COVER AND LINER REPLACEMENT  
GARVEY RESERVOIR COVER AND LINER REPLACEMENT PROJECT

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Storage Facilities**

GARVEY RESERVOIR DRAINAGE & EROSION CONTROL IMPROVEMENTS  
 GARVEY RESERVOIR DRAINAGE & EROSION IMPROVEMENTS - AREAS 6, 7, 8, 10 & 11 CONSTRUCTION  
 GARVEY RESERVOIR DRAINAGE & EROSION IMPROVEMENTS - AREAS 6-10 & 11 CONSTRUCTION  
 GARVEY RESERVOIR DRAINAGE AND EROSION IMPROVEMENTS  
 GARVEY RESERVOIR- EMERGENCY GENERATOR  
 GARVEY RESERVOIR FENCING AND PEST BARRIER  
 GARVEY RESERVOIR- FLOATING COVER  
 GARVEY RESERVOIR HYPOCHLORITE FEED SYSTEM  
 GARVEY RESERVOIR- JUNCTION STRUCTURE, REPLACE VALVE #1  
 GARVEY RESERVOIR- JUNCTION STRUCTURE, REPLACE VALVE #1 - INTEREST  
 GARVEY RESERVOIR- JUNCTION STRUCTURE, REPLACE VALVES # 4 & 5  
 GARVEY RESERVOIR- MODIFY DESILTING BASINS  
 GARVEY RESERVOIR REPAIR  
 GARVEY RESERVOIR SITE EROSION CONTROL  
 GARVEY RESERVOIR SODIUM HYPOCHLORITE TANK REPLACEMENT  
 GARVEY RESERVOIR, LOWER ACCESS ROAD, PAVING & DRAINS  
 GARVEY RESERVOIR, REPLACE VALVE # 4 & 5  
 GARVEY RESERVOIR, TWO VALVES AT JUNCTION STRUCTURE  
 GARVEY RESERVOIR: CONT. 565, SPEC.412  
 GARVEY RESERVOIR: TWO COTTAGES WITH GARAGES  
 GARVEY RESERVOIR-HYPOCHLORINATION  
 GARVEY RESERVOIR-HYPOCHLORINE STATION  
 GARVEY RESERVOIR-INLET AND OUTLET CONDUIT SYSTEM MODIFICATION  
 GARVEY RESEVOIR-JUNCTION STRUCTURE REPLACE TWO VALVES  
 GARVEY RSVR REPLACE VENTURI THROAT SECTION  
 GARVEY RSVR-REPLACE CENETRUI THROAT SECTION  
 GENE WASH RESERVOIR DISCHARGE VALVE REHABILITATION  
 HAYFIELD GROUNDWATER STORAGE AND EXTRACTION  
 HEADWORKS OF DISTRIBUTION SYSTEM LAKE MATHEWS  
 HEADWORKS: ADDITIONAL VALVES  
 HEADWORKS: MOTOR OPERATED SLIDE GATES  
 HOUSE AND GARAGE AT CORONA DEL MAR RESERVOIR  
 HOUSE AND GARAGE AT ORANGE COUNTY RESERVOIR  
 HOUSE AT PALOS VERDES RESERVOIR  
 HOWELL-BUNGER VALVE OPERATOR, LAKE MATHEWS, 5 VALVES 1939  
 HOWELL-BUNGER VALVE OPERATOR, LAKE MATHEWS, 5 VALVES 1955  
 INSTRUMENTATION AT RESERVOIRS  
 IOC - DIAMOND VALLEY LAKE  
 IOC - DIEMER PLANT, RESERVE STRUCTURE MODIFICATION  
 IOC - GARVEY RESERVOIR REPAIR  
 IOC - GARVEY RESERVOIR, HYPOCHLORINATION SYSTEM  
 IOC - GARVEY RESERVOIR, JUNCTION STRUCTURE, REPLACE VALVE 1  
 IOC - JENSEN RESVR 1 REPAIR AND TEMP SERVICE TO LA-25  
 IOC - LAKE MATHEWS OUTLET FACILITIES  
 IOC - LAKE MATHEWS RESERVOIR, RELOCATE SOUTHERLY SECURITY FENCE  
 IOC - LAKE MATHEWS WATERSHED  
 IOC - LAKE MATHEWS, LUMBER STORAGE BUILDING  
 IOC - LAKE MATHEWS, PREFABRICATED AIRCRAFT HANGAR  
 IOC - LAKE MATHEWS, PROPANE STORAGE TANK  
 IOC - LAKE MATHEWS, SEEPAGE ALARMS  
 IOC - LAKE PERRIS POLLUTION PREVENTION/DISSOLVED OXYGEN  
 IOC - LAKE SKINNER BYPASS PIPELINE #2 AND #3  
 IOC - LAKE SKINNER CHLORINATION SYSTEM OUTLET TOWER BYPASS PPLN  
 IOC - LAKE SKINNER, EQUIPMENT YARD SECURITY  
 IOC - LAKE SKINNER, PROPANE STORAGE TANK  
 IOC - MORRIS RESERVOIR  
 IOC - ORANGE COUNTY RSVR, REPLACE CHLORINATION SYSTEM  
 IOC - PALOS VERDES RSVR, REPLACE CHLORINATION SYSTEM  
 IOC - PAMO RESERVOIR, WATER STORAGE FEASIBILITY STUDY  
 IOC - SAN JOAQUIN RESERVOIR, DRAINAGE CHANNEL IMPROVEMENTS  
 IOC - SOTO ST MAINTENANCE CENTER, PROPANE STORAGE TANK  
 IRVINE PCS/SAN JOAQUIN RESERVOIR-BY PASS/CONTROL SYS REBUILD (50/50)  
 IRVINE REGULATING STRUCTURE SUMP DRAIN LINE  
 JENSEN FINISHED WATER RESERVOIR NO. 1 COVER REHABILITATION  
 JENSEN FINISHED WATER RESERVOIR NO. 1 COVER REHABILITATION  
 JENSEN FINISHED WATER RESERVOIR NO. 2 FLOATING COVER IMPROVEMENT  
 JENSEN FINISHED WATER RESERVOIRS REHABILITATION AND MIXING IMPROVEMENTS  
 JENSEN FLUORIDE TANK REPLACEMENT  
 JENSEN FWR # 2 FLOATING COVER REPLACEMENT  
 JENSEN FWR NO. 2 FLOATING COVER REPLACEMENT  
 JENSEN PLANT, PERMANENT GROUNDWATER DEWATERRING OF RESERVOIR  
 JENSEN PLANT, RESERVOIR 1 RETROFIT  
 JENSEN PLANT, RESERVOIR 2 FLOATING COVER  
 JENSEN RESERVOIR 1 AND 2 MIXING IMPROVEMENTS  
 JENSEN RESERVOIR BYPASS GATE REFURBISHMENT  
 JENSEN, REPAIR COVER OVER RESERVOIR 1  
 LAKE MATHEWS - REPLACE STANDBY GENERATOR  
 LAKE MATHEWS - ELECTRICAL SYSTEM IMPROVEMENT  
 LAKE MATHEWS ABOVEGROUND STORAGE TANK REPLACEMENT  
 LAKE MATHEWS AND LAKE SKINNER COPPER SULFATE STORAGE  
 LAKE MATHEWS AREA PAVING  
 LAKE MATHEWS BUILDING  
 LAKE MATHEWS BUILDINGS 8 & 15, RENOVATION OF ASSEMBLY AREA AND ADMIN. BLDG.  
 LAKE MATHEWS- CARPENTER AND VEHICLE MAINTENANCE BUILDING  
 LAKE MATHEWS- CHLORINATION FACILITIES  
 LAKE MATHEWS CHLORINATION FACILITY- REPLACE CHLORINATION EQPMT.  
 LAKE MATHEWS CNTRL TOWER-REPL. 45 30-INCH GATE/BUTTERFLY VALVES  
 LAKE MATHEWS CONTROL TOWER - REPLACE 45 10-INCH GATE VALVE  
 LAKE MATHEWS DAM SAFETY INSTRUMENTATION UPGRADES  
 LAKE MATHEWS DAM SPILLWAY ASSESSMENT  
 LAKE MATHEWS DIKE  
 LAKE MATHEWS DISASTER RECOVERY FACILITY UPGRADE  
 LAKE MATHEWS DISCHARGE FACILITY UPGRADES

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Storage Facilities**

LAKE MATHEWS DIVERSION TUNNEL  
 LAKE MATHEWS DIVERSION TUNNEL WALKWAY REPAIR  
 LAKE MATHEWS- DOCK AND BOAT SHELTER  
 LAKE MATHEWS DOMESTIC FACILITIES  
 LAKE MATHEWS- DOMESTIC WATER SYSTEM  
 LAKE MATHEWS ELECTRICAL RELIABILITY  
 LAKE MATHEWS- ELECTRICAL SYSTEM IMPROVEMENT  
 LAKE MATHEWS ELECTRICAL UPGRADES  
 LAKE MATHEWS- EMERGENCY GENERATOR  
 LAKE MATHEWS EMERGENCY GENERATOR UPGRADE  
 LAKE MATHEWS ENLARGEMENT (SPEC NO. 505)  
 LAKE MATHEWS FOREBAY - DISCHARGE FACILITY UPGRADES  
 LAKE MATHEWS FOREBAY LINING AND TOWER REPAIRS  
 LAKE MATHEWS FOREBAY OUTLET STRCTR-REPL. CONCRETE BLOCK BLDG  
 LAKE MATHEWS FOREBAY OUTLET, CONCRETE BLDG  
 LAKE MATHEWS FOREBAY PRESSURE CONTROL STRUCTURE AND BYPASS  
 LAKE MATHEWS FOREBAY- REPLACE FOOTBRIDGE  
 LAKE MATHEWS FOREBAY WALKWAY REPAIRS  
 LAKE MATHEWS FOREBAY, HEADWORK FACILITY AND EQUIPMENT UPGRADE  
 LAKE MATHEWS HEADWORKS FOREBAY LINER & OUTLET TOWER REPAIR  
 LAKE MATHEWS HEADWORKS-INSTALL AIR MTRS,3 HOWELL BNGR VALVE OP.  
 LAKE MATHEWS- HOUSE AND GARAGE  
 LAKE MATHEWS HYDRAULIC POWER UNIT REHABILITATION  
 LAKE MATHEWS HYDROELECTRIC PLANT REPAIRS  
 LAKE MATHEWS I/O TOWER EMERGENCY GENERATOR  
 LAKE MATHEWS- IMPROVE MAIN SUBSTATION  
 LAKE MATHEWS- IMPROVEMENT OF DOMESTIC WATER & FIRE PROT. SYSTEM  
 LAKE MATHEWS LIGHTING AND SECURITY IMPROVEMENT  
 LAKE MATHEWS -LUMBER STORAGE BUILDING  
 LAKE MATHEWS -LUMBER STORAGE BUILDING - INTEREST  
 LAKE MATHEWS LUMBER STORAGE ROOF COVER  
 LAKE MATHEWS MAIN DAM AND SPILLWAY  
 LAKE MATHEWS MAIN DAM SUB DRAIN SYSTEM  
 LAKE MATHEWS MAINTENANCE BUILDING  
 LAKE MATHEWS MAINTN.FACILITIES-REPLACE 75 KVA TRANSFORMER.SERV.  
 LAKE MATHEWS- MODIFY CHLORINATION  
 LAKE MATHEWS- MODIFY CHLORINE STORAGE TANK FOUNDATIONS  
 LAKE MATHEWS- MODIFY ELECTRICAL SERVICE  
 LAKE MATHEWS MULTIPLE SPECIES RESERVE, MANAGER'S OFFICE AND RESIDENCE  
 LAKE MATHEWS OFFICE BLDG MODIFICATIONS-AMERICANS W/ DISABILITY  
 LAKE MATHEWS OFFICE TRAILER MODIFICATIONS-AMERICANS W/ DISABILITY  
 LAKE MATHEWS -OPERATOR RESIDENCE  
 LAKE MATHEWS OULET TOWER  
 LAKE MATHEWS OUTLET FACILITIES  
 LAKE MATHEWS OUTLET TOWER CHLORINATION SYSTEM  
 LAKE MATHEWS OUTLET TOWER NO. 2 VALVE REHAB  
 LAKE MATHEWS OUTLET TOWER NO. 2 VALVE REHABILITATION  
 LAKE MATHEWS OUTLET TOWER- REPLACE CRANES  
 LAKE MATHEWS OUTLET TOWER-REPLACE GATE VALVES  
 LAKE MATHEWS OUTLET TOWER-REPLACE GATE VALVES (RETIREMENT)  
 LAKE MATHEWS OUTLET TUNNEL  
 LAKE MATHEWS PERIMETER FENCING UPGRADE - NEW  
 LAKE MATHEWS- PREFABRICATED AIRCRAFT HANGER  
 LAKE MATHEWS- PREFABRICATED AIRCRAFT HANGER - INTEREST  
 LAKE MATHEWS- PROPANE STORAGE TANK  
 LAKE MATHEWS- PROPANE STORAGE TANK - INTEREST  
 LAKE MATHEWS- REPLACE HOWELL-BUNGER VALVE OPERATORS  
 LAKE MATHEWS- REPLACE VALVES  
 LAKE MATHEWS RESERVOIR - RELOCATE SOUTHERLY SECURITY FENCE  
 LAKE MATHEWS RESERVOIR DREDGING AND EMERGENCY DEWATERING FACILITIES  
 LAKE MATHEWS RESERVOIR-RELOCATE SOUTHERLY SECURITY FENCE  
 LAKE MATHEWS RESERVOIR-RELOCATE SOUTHERLY SECURITY FENCE - INTEREST  
 LAKE MATHEWS- SEEPAGE ALARMS  
 LAKE MATHEWS- SEEPAGE ALARMS - INTEREST  
 LAKE MATHEWS SODIUM HYPOCHLORITE TANK REPLACEMENT  
 LAKE MATHEWS SODIUM HYPOCLORITE INJECTION SYSTEM  
 LAKE MATHEWS- SPRAY PAINT BOOTH  
 LAKE MATHEWS VEHICLE MAINTENANCE EXHAUST SYSTEM INSTALLATION  
 LAKE MATHEWS WASTEWATER SYSTEM REPLACEMENT  
 LAKE MATHEWS WATERSHED, DRAINAGE  
 LAKE MATHEWS WATERSHED, DRAINAGE WATER QUALITY MGMT PLAN (CAJALCO CREEK DAM)  
 LAKE MATHEWS WATERSHED, WATER QUALITY IMPROVEMENTS STUDY  
 LAKE MATHEWS, HAZEL ROAD  
 LAKE MATHEWS, REPLACE CHLORINATION EQUIPMENT  
 LAKE MATHEWS,DIKE #1- INSTALL PIEZOMETERS, STAS.55+00 & 85+50  
 LAKE MATHEWS: VALVES AND FITTINGS IN HEADWORKS  
 LAKE MATHEWS-CONST. CONCR.TRAFFIC BARR. WALL TO PROTECT HQ FACIL.  
 LAKE MATTHEWS FIRE WATER LINE  
 LAKE MATTHEWS INTERIM CHLORINATION SYSTEM  
 LAKE PERRIS POLLUTION PREVENTION AND SOURCE WATER PROTECTION (CAPITAL PORTION)  
 LAKE SKINNER - AERATION SYSTEM  
 LAKE SKINNER - CHLORINATION SYSTEM OUTLET TOWER BYPASS PPLN  
 LAKE SKINNER - CHLORINATION SYSTEM OUTLET TOWER BYPASS PPLN - INTEREST  
 LAKE SKINNER - INSTALL OUTLET CONDUIT FLOWMETER  
 LAKE SKINNER (AULD VALLEY RESERVOIR)- CLAIMS  
 LAKE SKINNER AERATOR AIR COMPRESSORS REPLACEMENT  
 LAKE SKINNER BYPASS 2, CATHODIC PROTECTION SYSTEM  
 LAKE SKINNER- EQUIPMENT YARD SECURITY  
 LAKE SKINNER- EQUIPMENT YARD SECURITY - INTEREST  
 LAKE SKINNER FACILITIES  
 LAKE SKINNER FACILITIES - EMPLOYEE HOUSING  
 LAKE SKINNER FACILITIES - FENCING  
 LAKE SKINNER FACILITIES - LANDSCAPING



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Storage Facilities**

LAKE SKINNER FACILITIES - RELOCATE BENTON ROAD  
 LAKE SKINNER OUTLET CONDUIT REPAIR  
 LAKE SKINNER OUTLET TOWER CHLORINE SYSTEM MODIFICATIONS  
 LAKE SKINNER OUTLET TOWER SEISMIC ASSESSMENT  
 LAKE SKINNER OUTLET TOWER SEISMIC UPGRADE  
 LAKE SKINNER PIPELINE CATHODIC PROTECTION  
 LAKE SKINNER- PROPANE STORAGE TANK  
 LAKE SKINNER- PROPANE STORAGE TANK - INTEREST  
 LIVE OAK RESERVOIR & RESERVOIR BYPASS SCHEDULE 264A  
 LIVE OAK RESERVOIR ASPHALT PAVEMENT REHABILITATION  
 LIVE OAK RESERVOIR EMERGENCY DEWATERING IMPROVEMENTS  
 LIVE OAK RESERVOIR PAVEMENT REHABILITATION  
 LIVE OAK RESERVOIR REHABILITATION  
 LIVE OAK RESERVOIR SURFACE REPAIR  
 MAINTENANCE FACILITIES, 75KVA TRANSFORMER SERVICE-LAKE MATHEWS (ORG CONST)  
 MILLS FINISHED WATER RESERVOIR REHABILITATION  
 MILLS FINISHED WATER RESERVOIRS REHABILITATION AND MIXING IMPROVEMENTS  
 MILLS OZONE CONTACTOR 1 & 2 EXPANSION JOINT SEAL  
 MILLS RESERVOIR AND CFE SAMPLE LINE/INSTRUMENT IMPROVEMENT  
 MINOR CAPITAL PROJECTS FOR FY 1989/90 - LAKE MATHEWS  
 MINOR CAPITAL PROJECTS FOR FY 1989/90 - PALOS VERDES RESERVOIR  
 MINOR CAPITAL PROJECTS FY 2010-2011  
 MINOR CAPITAL PROJECTS-IRVINE PCS/ S. JOAQUIN RES. REBUILD CONTROL SYS  
 MINOR CAPITAL PROJECTS-LAKE SKINNER, INLET CANAL ELECTRIC FISH BARRIER  
 MINOR CAPITAL PROJECTS-LIVE OAK RESERVOIR, DESILT BASIN IMPROVEMENTS  
 MODIFICATION OF THE LAKE MATHEWS SERVICE WATER SYSTEM  
 MORRIS DAM COTTAGE  
 MORRIS DAM- ENLARGMT. OF SPILLWAY FACLT.& UPPER FDR.VALVE MODF  
 MORRIS DAM ROAD IMPROVEMENT  
 MORRIS DAM, SEISMIC STABILITY REANALYSIS  
 MORRIS DAM-REPLACE EMERGENGY POWER SYSTEM  
 MORRIS RESERVOIR- CAPITAL OBLIGATION PAID  
 MORRIS RESERVOIR- INTEREST OBLIGATION PAID  
 MWD CYBER SECURITY UPGRADE  
 O.C.RESERVOIR - IMPROVE DOMESTIC SYSTEM  
 ORANGE COUNTY RESERVOIR -- JUNCTION STRUCTURE,REPLACE VALVE # 1  
 ORANGE COUNTY RESERVOIR (SPEC NO. 341)  
 ORANGE COUNTY RESERVOIR CHLORINATION STATION  
 ORANGE COUNTY RESERVOIR- EMBANKMENT AND SPILLWAY  
 ORANGE COUNTY RESERVOIR- EMERGENCY GENERATOR  
 ORANGE COUNTY RESERVOIR- FLOATING COVER  
 ORANGE COUNTY RESERVOIR- HOUSE  
 ORANGE COUNTY RESERVOIR- MODIFY DOMESTIC WATER SYSTEM  
 ORANGE COUNTY RESERVOIR- REPLACE RESIDENCE NO. 95D  
 ORANGE COUNTY RESERVOIR-MODIFY ELEC. CONTROL CENTER  
 ORANGE COUNTY RESERVOIR-REPLACE CHLORINATION EQUIPMENT  
 ORANGE COUNTY RESERVOIR-REPLACE CHLORINATION SYSTEM  
 P V RESERVOIR-REPLACE CHLORINATION SYSTEM  
 P100735 DVL, WORK PACKAGE 40  
 P103081 DVL RECREATION ENTITLEMENT/MASTER PLANNING  
 P103083 DIAMOND VALLEY RECREATION, SEARL PARKWAY IMPROVEMENTS, PHASE I  
 P103088 DVL RECREATION, PROGRAM MANAGEMENT  
 P103810 WADSWORTH PUMP PLANT CONDUIT PROTECTION  
 P103998 LAKE MATTHEWS INTERIM CHLORINATION SYSTEM  
 P104076 LAKE MATHEWS WATERSHED, WATER QUALITY IMPROVEMENTS STUDY  
 P104101 LAKE SKINNER OUTLET CONDUIT REPAIR  
 P104131 SKINNER, RETURN WASH WATER BYPASS  
 P104326 LAKE MATTHEWS FIRE WATER LINE  
 P104735 GARVEY RESERVOIR FENCING AND PEST BARRIER  
 P104893 LAKE MATHEWS WASTEWATER SYSTEM REPLACEMENT  
 P104894 CB-20 AND PM-26 FLOWMETER REPLACEMENT  
 P105010 LAKE MATHEWS SODIUM HYPOCHLORITE TANK REPLACEMENT  
 P105024 GARVEY RESERVOIR SODIUM HYPOCHLORITE TANK REPLACEMENT  
 P105080 IRVINE REGULATING STRUCTURE SUMP DRAIN LINE  
 P105100 GARVER RESERVOIR BROKEN DRAIN PIPE AT ABTMT  
 P105138 LAKE MATHEWS LIGHTING AND SECURITY IMPROVEMENT  
 P105176 LIVE OAK RESERVOIR ASPHALT PAVEMENT REHABILITATION  
 P105202 GARVEY RESERVOIR DRAINAGE & EROSION IMPROVEMENTS - AREAS 6-10, 11 CONSTR  
 P105207 DIAMOND VALLEY LAKE MARINA BOAT LAUNCH DOCKS REFURBISHMENT  
 PALOS VERDES CHLORINATION STATION AND COTTAGE  
 PALOS VERDES RESERVOIR  
 PALOS VERDES RESERVOIR - INLET/OUTLET TOWER  
 PALOS VERDES RESERVOIR- BY PASS PIPELINES  
 PALOS VERDES RESERVOIR COVER AND LINER REPLACEMENT  
 PALOS VERDES RESERVOIR COVER REPLACEMENT  
 PALOS VERDES RESERVOIR- FENCING AROUND  
 PALOS VERDES RESERVOIR GROUNDWATER MANAGEMENT  
 PALOS VERDES RESERVOIR HYPOCHLORITE FEED SYSTEM UPGRADE  
 PALOS VERDES RESERVOIR- REPLACE DOMESTIC WATER SYSTEM PIPING  
 PALOS VERDES RESERVOIR SODIUM HYPOCHLORITE AND SECURITY UPGRADES  
 PALOS VERDES RESERVOIR SODIUM HYPOCHLORITE FEED SYSTEM UPGRADE  
 PALOS VERDES RESERVOIR, SPILLWAY ENERGY DISSIPATOR STRUCTURE MODIFICATIONS  
 PALOS VERDES RESERVOIR,BYPASS PIPELINE RELIEF STRUCTURE MODIFN.  
 PALOS VERDES RESERVOIR,COVERING  
 PALOS VERDES RESERVOIR,REPLACE ACCESS AND PERIMETER ROADS  
 PALOS VERDES RESERVOIR- INCREASING ELEVATION OF SPILLWAY CREST  
 PALOS VERDES RESERVOIR-INSTALL VALVE & CHLORINATION NOZZLE,INL.TWR  
 PALOS VERDES RESERVOIR-REPLACE CHLORINATION SYSTEM  
 PAMO RESERVOIR- WATER STORAGE FEASIBILITY STUDY  
 PAMO RESERVOIR- WATER STORAGE FEASIBILITY STUDY- INTEREST  
 PV RESERVOIR GROUNDWATER MANAGEMENT  
 PVR FACILITY SEWER CONNECTION  
 RECORD DRAWING RESTORATION PROGRAM, CRA

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Storage Facilities**

REPAIRS TO AZUSA CONDUIT  
 REPLACE 32  
 REPLACEMENT OF A 30 INCH GATE VALVE P.V.R.  
 RESIDENCE # 95-D, ORANGE COUNTY RESERVOIR  
 RESIDENCE 45-D - CORONA DEL MAR RESERVOIR  
 RESIDENCE 80-D - ORANGE COUNTY RESERVOIR  
 RESIDENCE 90-D - LAKE MATHEW  
 RESIDENCE 91-D - SAN JACINTO RESERVOIR  
 RESIDENCE 93-D - SAN JACINTO RESERVOIR  
 ROADS AT LAKE MATHEWS ABOVE FLOODLINE  
 SAN DIEGO ACQUEDUCT: COTTAGE AT SAN JACINTO RESERVOIR  
 SAN JACINTO RESERVOIR - SAN DIEGO AQUEDUCT  
 SAN JOAQUIN RESERVOIR- CHLORINE EVAPORATOR  
 SAN JOAQUIN RESERVOIR- CONSTRUCTION OF HOUSE AND SERVICE BUILDING  
 SAN JOAQUIN RESERVOIR- DRAINAGE CHANNEL IMPROVEMENT  
 SAN JOAQUIN RESERVOIR FLOATING COVER  
 SAN JOAQUIN RESERVOIR IMPROVEMENT PROJECT-NEW DESIGN  
 SAN JOAQUIN RESERVOIR IMPROVEMENT STUDY  
 SAN JOAQUIN RESERVOIR IMPROVEMENT STUDY-EIR  
 SAN JOAQUIN RSVR, SLOPE REPAIR  
 SECOND OUTLET, PALOS VERDES RESERVOIR (SPEC NO. 597)  
 SEEPAGE CONTROL AT LAKE MATHEWS  
 SKINNER DAM SAFETY INSTRUMENTATION UPGRADES  
 SKINNER DAM SPILLWAY ASSESSMENT  
 SKINNER FILT PLT, CHLORINE MASS FLOW METERS  
 SKINNER FINISHED WATER RESERVOIR SLIDE GATE REHABILITATION  
 SKINNER FINISHED WATER RESERVOIR SLIDE GATES REHABILITATION  
 SKINNER LADDER SAFETY ACCESS GATES  
 SKINNER WATER TREATMENT PLANT REHABILITATION  
 SKINNER, RETURN WASH WATER BYPASS  
 SKINNNER FILT PLT- ELECTRIC FISH BARRIER  
 SPILLWAY UPGRADES LAKE MATHEWS  
 SPILLWAY UPGRADES LAKE SKINNER  
 TEMPORARY EMPLOYEE LABOR SETTLEMENT  
 VALVE - GENE RESERVOIR (REPLACED 201)  
 VALVE STRUCTURE MODIFICATIONS-UPPER FDR, SAN GABRIEL CROSSING (INTERIM CONST)  
 VALVE, TWO 36  
 WADSWORTH PUMP PLANT CONDUIT PROTECTION  
 WADSWORTH PUMP PLANT, PUMP MOTOR CONVERSION  
 WADSWORTH PUMPING PLANT FIRE PROTECTION SYSTEM UPGRADE - NEW  
 WADSWORTH PUMPING PLANT FIRE PROTECTION SYSTEM UPGRADES  
 WADSWORTH/DVL CONTROL & PROTECTION SYSTEM UPGRADE - CONSTRUCTION & STARTUP  
 WATER QUALITY PROJECT UPSTREAM  
 WATER SUPPLY SYSTEM, OPERATING TOWER, LAKE MATHEWS  
 WEYMOUTH FINISHED WATER RESERVOIR GATE REPLACEMENT  
 WEYMOUTH FINISHED WATER RESERVOIR REHABILITATION  
 WEYMOUTH PLANT RESERVOIR, REMOVE SOIL BLANKET

***Sub-total Storage facilities costs******126,115,329***

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

103237 COLORADO RIVER ACQUEDUCT-SIPHONS AND RESERVOIR OUTLETS REFURBISHMENT  
 103738 CRA COPPER BASIN OUTLET GATES RELIABILITY  
 104093 CRA SAND TRAP EQUIPMENT UPGRADES  
 104222 CRA SEISMIC RETROFIT OF 6.9KV SWITCH HOUSES  
 104525 GENE WASH RESERVOIR DISCHARGE VALVE REHABILITATION  
 104542 CRA PUMPING PLANT WASTEWATER SYSTEM REPLACEMENT - HINDS & EAGLE MOUNTAIN  
 104645 CRA 6 9KV POWER CABLES REPLACEMENT  
 104769 CRA DISCHARGE LINE ISOLATION BULKHEAD AND COUPLING  
 104922 GENE POOL REFURBISHMENT  
 105000 SWITCH HOUSE DOORS AT EAGLE MOUNTAIN & IRON MOUNTAIN  
 105008 PHYSICAL SECURITY CONTROLS FOR THE IRON MOUNTAIN  
 105208 CRA PUMPING PLANTS SCADA NETWORK MAIN SWITCH REPLACEMENT  
 105209 CRA PUMPING PLANT STATION BATTERY REPLACEMENT  
 105274 CRA LAKEVIEW SIPHON LEAK REPAIR  
 105354 CRA MM 33 CANAL SIDEWALL IMPROVEMENTS  
 105374 HINDS VILLAGE PAVING REPLACEMENT PROJECT  
 2.4 KV STANDBY DIESEL ENGINE GENERATOR REPLACEMENT - GENE  
 2.4 KV STANDBY DIESEL ENGINE GENERATOR REPLACEMENT - INTAKE  
 2.4 KV STANDBY DIESEL ENGINE GENERATOR REPLACEMENT - IRON  
 230KV SWITCH RACK AT CAMINO  
 230KV TRANSMISSION LINE PATROL ROAD  
 69 KV TAP LINE FROM COLORADO TO GENE  
 69 KV TRANSMISSION LINE BETWEEN PARKER PWR PLT & GENE TO INTAKE  
 69KV TRANSMISSION LINE TO PARKER DAM  
 69KV TRANSMISSION LINE TO WHITSETT PUMPING PLANT FROM GENE  
 ACCESS STRUCTURE, TRANSITION STRUCTURE AND MANHOLE COVER REPLACEMENT  
 ADDITION TO CABAZON SUBSTATION  
 ADDITION TO LAKEVIEW SUBSTATION  
 ADDITIONAL SHOP FACILITIES AT GENE PLANT  
 ADJUSTMENT TO COST, PARKER POWER  
 ALL PLANTS- REPLACE TRANSFORMER BANK 1 PANEL  
 ALL PUM P PLANTS - BRIDGE CRANES AND SEISMIC RESTRAINTS  
 ALL PUMP PLANTS - REPLACE DOMESTIC WATER TREATMENT SYSTEMS  
 ALL PUMP PLANTS - REPLACE STA POWER SUPPLY SYSTEMS  
 ALL PUMP PLANTS - SEISMIC RESTRAINTS - BRIDGE CRANES  
 ALL PUMP PLTS, MODIFY STATIONARY POWER SUPPLY SYSTEM  
 ALL PUMP PLTS, REPL MOTOR TEMPERATURE INSTRUMENTS  
 ALL PUMP T PLT- LONGTERM CHEMICAL FAC CONTAINMENT  
 ALL PUMPING PLANTS - 230 KV & 69 KV DISCONNECTS REPLACEMENT  
 ALL PUMPING PLANTS - BRIDGE CRANES  
 ALL PUMPING PLANTS - TRANSFORMER BANK BRIDGE  
 ALL PUMPING PLANTS-HYPOCHLORINATION SYSTEM  
 ALL PUMPING PLTS-REPLACE 36 IMPELLERS  
 ALL PUMPING PLTS-REPL DOMESTIC WTR TREATMENT SYSTEM  
 ALL PUPUMPING PLTS - REPLACE MOTOR TEMPERATURE INSTRUMENTS  
 ALLEN MCCOLLOCH PIPELINE - CORROSION INTERFERENCE MITIGATION  
 ALLEN MCCOLLOCH PIPELINE - RIGHT OF WAY  
 ALLEN MCCOLLOCH PIPELINE - UPDATE / MODIFY ALL BOYLE ENGINEERING DRAWINGS  
 AMP VALVE & SERVICE CONNECTION VAULT REPAIR  
 AQUEDUCT & PUMPING PLANT ISOLATION / ACCESS FIXTURES - STUDY  
 AQUEDUCT & PUMPING PLANT ISOLATION GATES  
 AQUEDUCT FENCING (SPEC 251)  
 AQUEDUCT MAINTENANCE (1937-40)  
 AQUEDUCT MAINTENANCE (REPAIRS & PREPARATION FOR OPERATION)  
 AQUEDUCT MAINTENANCE-1941  
 AQUEDUCT SURVEYS  
 ARROWHEAD EAST TUNNEL CONSTRUCTION  
 ARROWHEAD TDS REDUCTION  
 ARROWHEAD TUNNELS CLAIMS COST  
 ARROWHEAD TUNNELS CONNECTOR ROAD  
 ARROWHEAD TUNNELS CONSTRUCTION  
 ARROWHEAD TUNNELS ENGINEERING  
 ARROWHEAD TUNNELS RE-DESIGN  
 ARROWHEAD WEST TUNNEL CONSTRUCTION  
 AULD VALLEY CONTROL STRUCTURE AREA FACILITIES UPGRADE STUDY  
 AULD VALLEY PIPELINE BUBBLER - SKINNER TREATED WATER  
 AUXILIARY POWER SYSTEM REHABILITATION / UPGRADES STUDY  
 AUXILIARY POWER SYSTEM REHABILITATION/UPGRADES  
 BACHELOR MOUNTAIN COMMUNICATION SITE ACQUISITION  
 BACHELOR MOUNTAIN TELECOM SITE IMPROVEMENTS  
 BANK TRANSFORMERS REPLACEMENT STUDY  
 BANNING HEADQUARTERS  
 BANNING HINDS TELEPHONE LINE  
 BANNING VALVERDE TELEPHONE LINE  
 BERNASCONI TUNNEL  
 BERNASCONI TUNNEL NO.2, SCH. 311  
 BLACK METAL MOUNTAIN - COMMUNICATIONS FACILITY UPGRADE  
 BLACK METAL MOUNTAIN 2.4kv ELECTRICAL POWER UPGRADE  
 BLACK METAL MOUNTAIN, ELECTRICAL TRANSFORMER UPGRADE  
 BLOWOFF AT WIDE CANYON SIPHON- CRA (INTERIM CONST)  
 BOX SPRINGS FEEDER REHAB PHASE III  
 BUDGET ADJUSTMENT  
 BUILDINGS - CAMINO SWITCHING STATION  
 C.R.A.- EAGLE AND HINDS PLANTS, STANDBY GENERATORS (1/2 EACH)  
 C.R.A.- GENE AND IRON MOUNTAIN ,HOUSES  
 C.R.A.- GENE AUTO MAINTENANCE ADDITION  
 C.R.A.- GENE PLANT, EMERGENCY GENERATOR  
 C.R.A.- GENE VILLAGE SEWAGE DISPOSAL SYSTEM  
 C.R.A. HINDS AND EAGLE - REMODEL RECREATION HALLS (1/2 EACH)  
 C.R.A.- INTAKE AND GENE -REPLACE CIRCUIT BREAKERS (1/2 EACH)  
 C.R.A.- IRON MOUNTAIN AND CAMINO GARAGES  
 C.R.A.- MODIFY TV ANTENNA AT GENE  
 C.R.A.- RELOCATE MOBILE HOME FROM CASTAIC LAKE TO IRON MOUNTAIN

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

C.R.A.- SANDBLAST FACILITIES AT IRON MOUNTAIN AND GENE (1/2 EACH)  
 C.R.A.-REPL. TRANSFORMER COOLING SYSTEMS AT IRON,EAGLE MTN.& HINDS  
 CABAZON BIG MORONGO POWER LINES  
 CABAZON- HINDS POWER LINES  
 CABAZON RADIAL GATE FACILITIES IMPROVEMENT  
 CABAZON RADIAL GATE FACILITY IMPROVEMENTS  
 CABAZON SUBSTATION  
 CABLE TUNNEL VENTILATION SYSTEM,EAGLE MTN PUMP PLT - CRA  
 CABLE TUNNEL VENTILATION SYSTEM,IRON MTN PUMP PLT - CRA  
 CAJALCO CREEK MITIGATION FLOWS  
 CAL TECH TEST LAB OPERATION  
 CAMINO CAMP FACILITIES  
 CAMINO CAMP FACILITIES SERVICE STATION TRANSFORMERS  
 CAMINO SWITCHING STATION- WATER SYSTEM  
 CAMP FACILITIES  
 CANAL CURB ALONG COLORADO RIVER AQUEDUCT  
 CASA LOMA PIPELINE-CONSTRUCT OVERFLOW BASIN & DRAIN LINE  
 CASA LOMA SIPHON BARREL NO. 1 - SEISMIC UPGRADES  
 CASA LOMA SIPHON- CENTER PORTION SCHEDULE 20C  
 CASA LOMA SIPHON- EAST PORTION SCHEDULE 20A; 20B  
 CASA LOMA SIPHON LEAK REPAIRS  
 CASA LOMA SIPHON- REPLACE FIRST BARREL  
 CASA LOMA SIPHON- WEST PORTION SCHEDULE 20  
 CASA LOMA WASTEWAY  
 CASH DISCOUNTS  
 CAST-IRON BLOW OFF REPLACEMENT - PHASE 4  
 CATHODIC PROTECTION STUDY - DESIGN AND CONSTRUCTION  
 CCRP - BLOW-OFF VALVES PHASE 4 PROJECT  
 CCRP - CONTINGENCY  
 CCRP - EMERGENCY REPAIR  
 CCRP - HEADGATE OPERATORS & CIRCUIT BREAKERS REHAB.  
 CCRP - PART 1 & 2  
 CCRP - SAND TRAP CLEANING EQUIPMENT & TRAVELING CRANE STUDY  
 CCRP - TRANSITION & MAN-WAY ACCESS COVER REPLACEMENT - STUDY & DESIGN  
 CCRP - TUNNELS STUDY  
 CEPSRP - 230 KV SYSTEM SYNCHRONIZERS  
 CEPSRP - ALL PUMPING PLANTS - CONTINGENCY & OTHER CREDITS  
 CEPSRP - ALL PUMPING PLANTS - REPLACE 6.9 KV TRANSFORMER BUSHINGS  
 CEPSRP - ALL PUMPING PLANTS - REPLACE 230KV , 69 KV & 6.9 KV LIGHTENING ARRESTERS  
 CEPSRP - ALL PUMPING PLANTS - REPLACE 230KV TRANSFORMER PROTECTION  
 CEPSRP - SWITCHYARDS & HEAD GATES REHABILITATION  
 CEPSRP- ALL PUMPING PLANTS - IRON MOUNTAIN - 230KV BREAKER SWITCH. INST.  
 CIRCUIT BREAKERS - INTAKE & IRON MOUNTAIN PLANTS - CRA (1/2 EACH)  
 CIRCUIT BREAKERS, 29 MAIN POWER UNITS 1,2,3,4 &5 - ALL PLANTS (1/5 EACH)  
 CIRCUIT BREAKERS, IRON & EAGLE AND HINDS PUMP PLTS (1/3 EACH)  
 CIRCULAR SIPHONS SCHEDULE 21  
 CLEARING HINDS RESERVOIR SITE  
 COACHELLA TUNNELS  
 COACHELLA VALLEY ROADS  
 COLORADO RIVER ACQUEDUCT, CONDUIT SCHEDULE 1  
 COLORADO RIVER ACQUEDUCT & COVER CONDUIT SCHEDULE 9A  
 COLORADO RIVER ACQUEDUCT & COVER CONDUIT, SCHEDULE 7  
 COLORADO RIVER ACQUEDUCT , CONCRETE LINED CANAL, SCHEDULE 9  
 COLORADO RIVER ACQUEDUCT CANAL SCHEDULE 11  
 COLORADO RIVER ACQUEDUCT CANAL SCHEDULE 13  
 COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.11A  
 COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.12  
 COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.13A  
 COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.14  
 COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.15  
 COLORADO RIVER ACQUEDUCT, 10 BOX SIPHONS, SCHEDULE 10A  
 COLORADO RIVER ACQUEDUCT, 10 HALF-CAP SIPHONS, SCHEDULE 4A  
 COLORADO RIVER ACQUEDUCT, 12 HALF-CAP SIPHONS, SCHEDULE 3A  
 COLORADO RIVER ACQUEDUCT, 12 HALF-CAP SIPHONS, SCHEDULE 5A  
 COLORADO RIVER ACQUEDUCT, 2 16 FT.,CIRCULAR SIPHONS, SK.15B  
 COLORADO RIVER ACQUEDUCT, 2 CIRCULAR SIPHONS, SCHEDULE 12A  
 COLORADO RIVER ACQUEDUCT, 2 CIRCULAR SIPHONS, SK. 15A  
 COLORADO RIVER ACQUEDUCT, 2 HALF-CAP SIPHONS, SCHEDULE 1B  
 COLORADO RIVER ACQUEDUCT, 3 SIPHONS, SCHEDULE 1A  
 COLORADO RIVER ACQUEDUCT, 6 BOX SIPHONS, SCHEDULE 13B  
 COLORADO RIVER ACQUEDUCT, 7 HALF-CAP SIPHONS, SCHEDULE 2B  
 COLORADO RIVER ACQUEDUCT, 8 BOX SIPHONS, SCHEDULE 9B  
 COLORADO RIVER ACQUEDUCT, 8 HALF-CAP SIPHONS, SCHEDULE 3B  
 COLORADO RIVER ACQUEDUCT, 9 BOX SIPHONS, SCHEDULE 11B  
 COLORADO RIVER ACQUEDUCT, CIRC. SIPHON, SCHEDULE 10B  
 COLORADO RIVER ACQUEDUCT, CIRC. SIPHON, SCHEDULE 11C  
 COLORADO RIVER ACQUEDUCT, CIRCULAR SIPHON, SK. 14A  
 COLORADO RIVER ACQUEDUCT, CONCRETE LINED CANAL, SCHEDULE 10  
 COLORADO RIVER ACQUEDUCT, CONCRETE LINED CANAL, SCHEDULE 7A  
 COLORADO RIVER ACQUEDUCT, CONDUIT SCHEDULE 2  
 COLORADO RIVER ACQUEDUCT, CONDUIT, SCHEDULE 3  
 COLORADO RIVER ACQUEDUCT, COPPER BASIN SIPHON  
 COLORADO RIVER ACQUEDUCT, FRIDAY HALF-CAP SIPHON, SCHEDULE 6  
 COLORADO RIVER ACQUEDUCT, GENE INLET SIPHON  
 COLORADO RIVER ACQUEDUCT, HALF-CAP SIPHONS, SCHEDULE 8A  
 COLORADO RIVER ACQUEDUCT, HALF-CAP SIPHONS, SCHEDULE 8B  
 COLORADO RIVER ACQUEDUCT, LINED CANAL SCHEDULE 4A  
 COLORADO RIVER ACQUEDUCT, LINED CANAL SCHEDULE 5  
 COLORADO RIVER ACQUEDUCT, LINED CANAL SCHEDULE 8  
 COLORADO RIVER AQDCT.WATER STRG IN DESERT GRD.WTR.BASIN-STUDY  
 COLORADO RIVER AQUEDUCT - PUMPING  
 COLORADO RIVER AQUEDUCT - SIPHONS AND RESERVOIR OUTLETS REFURBISHMENT  
 COLORADO RIVER AQUEDUCT (CRA), WHITEWATER SIPHON PROTECTION STUDY

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

COLORADO RIVER AQUEDUCT CONVEYANCE RELIABILITY, PHASE II REPAIRS  
 COLORADO RIVER AQUEDUCT CONVEYANCE RELIABILITY, PHASE II REPAIRS AND INSTRUMENTATION  
 COLORADO RIVER AQUEDUCT, 1 BOX SIPHON, SCHEDULE HAYFIELD  
 COLORADO RIVER AQUEDUCT, 10 HALF-CAP SIPHONS SCHEDULE 17B  
 COLORADO RIVER AQUEDUCT, 2 HALF-CAP SIPHONS, SCHEDULE 16A  
 COLORADO RIVER AQUEDUCT, 4 SIPHONS, SCHEDULE 16B  
 COLORADO RIVER AQUEDUCT, INVESTIGATION OF SIPHONS AND RESERVOIR OUTLETS REFURBIS  
 COLORADO RIVER ROAD  
 COLORADO RIVER TUNNEL  
 COLTON CABAZON POWER LINES  
 CONDUIT SCHEDULE 18  
 CONDUIT SCHEDULE 19  
 CONDUIT SCHEDULE 23  
 CONSTRUCTION OF HOUSING FACILITIES-14 HOUSES ON MAIN ACQUEDUCT  
 CONTROL ROOM LIGHTING - EAGLE & HINDS PUMPING PLANTS (1/2 EACH)  
 CONTROL ROOM LIGHTING - INTAKE & IRON MOUNTAIN PUMP PLANTS - (1/2 EACH)  
 CONTROL ROOM LIGHTING, GENE PLANT - CRA  
 CONTROL SYSTEM DRAWING UPGRADE STUDY (PHASE 1) - STUDY  
 CONVERSION OF DEFORMATION SURVEY MONITORING AT GENE WASH  
 COOLERS, PUMP 4 & 5  
 COOLERS, PUMP 4 & 6  
 COOLERS, PUMP 4 & 7  
 COPPER BASIN AND GENE DAM OUTLET WORKS REHABILITATION (STUDY & DESIGN)  
 COPPER BASIN AND GENE WASH RESERVOIRS DISCHARGE STRUCTURE REHABILITATION - STAGE 2  
 COPPER BASIN AND GENE WASH RESERVOIRS DISCHARGE VALVE REHABILITATION  
 COPPER BASIN DAM AND APPURTENANT WORKS  
 COPPER BASIN INTERIM CHLORINATION SYSTEM  
 COPPER BASIN OUTLET GATES RELIABILITY  
 COPPER BASIN OUTLET REHABILITATION  
 COPPER BASIN OUTLET, AND COPPER BASIN & GENE WASH DAM SLUICWAYS REHABILITATION  
 COPPER BASIN POWER & PHONE LINES REPLACEMENT  
 COPPER BASIN RESERVOIR OUTLET STRUCTURE REHABILITATION  
 COPPER BASIN RESERVOIR OUTLET STRUCTURE REHABILITATION PROJECT  
 COPPER BASIN RESERVOIR ROAD  
 COPPER BASIN RESERVOIR: ONE HOUSE WITH GARAGE  
 COPPER BASIN RESERVOIRS DISCHARGE VALVE REHABILITATION & METER REPLACEMENT  
 COPPER BASIN SERVICE ROAD  
 COPPER BASIN SURGE TANK  
 COPPER BASIN TUNNELS NO. 1 & 2  
 COPPER BASIN, POWER AND COMMUNICATIONS POLE AND TRANSMISSION LINE  
 COPPER BASIN, POWER AND COMMUNICATIONS POLE AND TRANSMISSION LINE  
 COPPER SULFATE STORAGE AT LAKE SKINNER AND LAKE MATHEWS  
 CORRISON CONTROL OZONE MATERIAL TEST FACILITY  
 CORROSION CONTROL OZONE MATERIAL TEST FACILITY  
 COST OF LAND AND RIGHT OF WAY  
 COTTAGE & WATER WELL - CAMINO SWITCHING STATION  
 COTTONWOOD TUNNEL  
 COXCUMB TUNNEL  
 COXCUMB WASTEWAY  
 CRA - ACCESS STRUCTURE, TRANSITION STRUCTURE AND MANHOLE COVER REPLACEMENT  
 CRA - AQUEDUCT AND PUMPING PLANT ISOLATION GATES  
 CRA - AQUEDUCT RESERVOIR AND DISCHARGE LINE ISOLATION GATES  
 CRA - AUXILIARY POWER SYSTEM REHAB  
 CRA - BANK TRANSFORMERS REPLACEMENT STUDY  
 CRA - BLOW-OFF VALVES PHASE 4  
 CRA - CIRCULATING WATER SYSTEM STRAINER REPLACEMENT  
 CRA - CONTROL SYSTEM IMPLEMENTATION PHASE CLOSE OUT  
 CRA - CONVEYANCE RELIABILITY PROGRAM PART 1 & PART 2  
 CRA - COPPER BASIN OUTLET, AND COPPER BASIN & GENE WASH SLUICWAYS REHABILITATION  
 CRA - COPPER BASIN POWER & PHONE LINES REPLACEMENT  
 CRA - CUT & COVER FORNAT WASH EXPOSURE STUDY  
 CRA - DANBYTOWER FOOTER REPLACEMENT  
 CRA - DELIVERY LINE NO. 1 SUPPORTS REHAB - FIVE PUMPING PLANTS  
 CRA - DELIVERY LINES 2&3 SUPPORTS REHAB - GENE & INTAKE  
 CRA - DELIVERY LINES 2&3 SUPPORTS REHAB - IRON, EAGLE, & HINDS  
 CRA - DESERT PUMP PLANT OIL CONTAINMENT  
 CRA - DESERT SEWER SYSTEM REHABILITATION PROJECT  
 CRA - DESERT WATER TANK ACCESS & SAFETY IMPROVEMENTS  
 CRA - DISCHARGE CONTAINMENT PROGRAM - INVESTIGATION  
 CRA - DISCHARGE LINE ISOLATION GATES  
 CRA - DWCV-4 VALVE REPLACEMENT  
 CRA - EAGLE MOUNTAIN SAND TRAPS INFLOW STUDY  
 CRA - ELECTRICAL/ POWER SYST REL. PROG. - IRON MTN - 230KV BREAKER SWITC. INST.  
 CRA - GENE PUMPING PLANT MAIN TRANSFORMER AREA  
 CRA - HINDS PUMP UNIT NO. 8 REFURBISHMENT  
 CRA - INTAKE PUMPING PLANT - COOLING AND REJECT WATER DISCHARGE TO LAKE HAVASU  
 CRA - INTAKE PUMPING PLANT AUTOMATION PROGRAMMING  
 CRA - INVESTIGATION OF SIPHONS AND RESERVOIR OUTLETS  
 CRA - IRON MOUNTAIN RESERVOIR AND CANAL LINER REPAIRS  
 CRA - IRON MTN. TUNNEL REHABILITATION  
 CRA - IRON MTN., REPLACE RECREATION & CRAFT BLDGS  
 CRA - LAKEVIEW SIPHON FIRST BARREL - REPAIR DETERIORATED JOINTS  
 CRA - MAIN PUMP MOTOR EXCITERS  
 CRA - MAIN PUMP STUDY  
 CRA - MOUNTAIN SIPHONS SEISMIC VULNERABILITY STUDY  
 CRA - PUMPING PLANT RELIABILITY PROGRAM CONTINGENCY  
 CRA - PUMPING PLANTS VULNERABILITY ASSESSMENT  
 CRA - PUMPING WELL CONVERSION  
 CRA - QUAGGA MUSSEL BARRIERS  
 CRA - REAL PROPERTY - BOUNDARY SURVEYS  
 CRA - RELIABILITY PROGRAM 230 KV & 69 KV DISCONNECTS REPLACEMENT STUDY ( 5 PLANTS)  
 CRA - RELIABILITY PROGRAM INVESTIGATION  
 CRA - RELIABILITY PROGRAM PHASE 6 (AQUEDUCT PHASE 6 REHAB.) - SPEC 1568



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

CRA - RELIABILITY PHASE II CONTINGENCY  
 CRA - SAND TRAP CLEANING EQUIPMENT AND TRAVELING CRANE  
 CRA - SERVICE CONNECTION DWCV-2T VALVES REPLACEMENT AND STRUCTURE CONSTRUCTION  
 CRA - SERVICE CONNECTION DWCV-4 A, B, C, & D PLUG VALVES REPLACEMENT  
 CRA - SIPHONS, TRANSITIONS, CANALS, AND TUNNELS REHABILITATION AND IMPROVEMENTS  
 CRA - SUCTION & DISCHARGE LINES EXPANSION JOINT REHAB  
 CRA - SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM  
 CRA - SWITCHYARDS AND HEAD GATES REHAB  
 CRA - SWITCHYARDS AND HEAD GATES REHABILITATION  
 CRA - TRANSFORMER OIL & CHEMICAL UNLOADING PAD CONTAINMENT  
 CRA - TUNNELS VULNERABILITY STUDY - REPAIRS TO TUNNELS  
 CRA - WEST PORTAL UPGRADE - REHAB OF STILLING WELL, SLIDE GATE OPERATORS AND RADIAL GATES  
 CRA - WHITEWATER TUNNEL NO 2 SEISMIC UPGRADE  
 CRA 2.4 KV STANDBY DIESEL ENGINE GENERATORS REPLACEMENT  
 CRA 230 KV & 69 KV DISCONNECTS SWITCH REPLACEMENT  
 CRA 230 KV SYSTEM INTER-AGENCY OPERABILITY UPGRADES  
 CRA 230 KV TRANSMISSION LINE - INFRASTRUCTURE RELIABILITY IMPROVEMENTS (REF: PENDING NEW PN104717)  
 CRA 230 KV TRANSMISSION SYSTEM REGULATORY AND OPERATIONAL FLEXIBILITY UPGRADES  
 CRA 230 KV TRANSMISSION SYSTEM REGULATORY COMPLIANCE AND OPERATIONAL FLEXIBILITY UPGRADES - STUDY  
 CRA 230KV & 69KV PROTECTION PANEL UPGRADE  
 CRA 230KV TRANSMISSION SYSTEM REGULATORY COMPLIANCE AND OPERATIONAL FLEXIBILITY UPGRADES  
 CRA 2400 V VILLAGE ELECTRICAL POWER DISTRIBUTION UPGRADES  
 CRA 6 9KV POWER CABLES REPLACEMENT  
 CRA 6.9 KV LEAD JACKETED CABLES  
 CRA 6.9 KV POWER CABLES REPLACEMENT  
 CRA 6.9 KV POWER CABLES REPLACEMENT UNITS 6 TO 9  
 CRA 69KV AND 240 KV TRANSFORMERS REPLACEMENT  
 CRA 69KV PANEL UPGRADE  
 CRA ACCESS STRUCTURE, TRANSITION STRUCTURE AND MANHOLE COVERS REPLACEMENT  
 CRA- ALL PUMP PLT3, REPL. THERMOMETERS/TEMP. RECORDERS IN CONT. RM.  
 CRA ALL PUMPING PLANTS - FLOW METER UPGRADES  
 CRA ALL PUMPING PLANTS, FLOW METER REPLACEMENT  
 CRA ANCILLARY EROSION AND DRAINAGE CONTROL  
 CRA AND IRON MOUNTAIN RESERVOIR PANEL REPAIRS  
 CRA AND IRON MOUNTAIN RESERVOIR PANEL REPLACEMENT  
 CRA AQUEDUCT BLOCKER GATE REPLACEMENT  
 CRA AQUEDUCT ISOLATION GATES REPLACEMENT  
 CRA ASPHALT REPLACEMENT  
 CRA AUXILIARY POWER SYSTEM REHABILITATION/UPGRADES FOR FOUR PUMPING PLANTS  
 CRA AUXILIARY POWER SYSTEMS  
 CRA BLACK METAL COMMUNICATION SITE II UPGRADE  
 CRA BLOW-OFF VALVE FLANGE OUTLET  
 CRA CANAL CRACK REHAB AND EVALUATION  
 CRA CANAL CRACK REHABILITATION  
 CRA CANAL IMPROVEMENTS  
 CRA CARPORT INSTALLATIONS AT GENE PUMP PLANT  
 CRA CARPORT INSTALLATIONS AT IRON MOUNTAIN PUMP PLANT  
 CRA CARPORTS FOR HINDS PUMPING PLANT  
 CRA CHLORINE INJECTION IMPROVEMENTS  
 CRA CHOLLA WASH CONDUIT RELINING  
 CRA CIRCULATING WATER SYSTEM STRAINER REPLACEMENT  
 CRA CONDUIT EROSION CONTROL IMPROVEMENTS  
 CRA CONDUIT FORMAT WASH EROSION REPAIRS  
 CRA CONDUIT STRUCTURAL PROTECTION  
 CRA CONDUIT STRUCTURAL PROTECTION  
 CRA CONVEYANCE RELIABILITY PROGRAM (CCRP) - BLOW-OFF REPAIR  
 CRA CONVEYANCE RELIABILITY PROGRAM PART 1 & PART 2  
 CRA CONVEYANCE SYSTEM HIGH FLOW RELIABILITY UPGRADES  
 CRA COPPER BASIN AND GENE WASH DAM SLUICWAYS  
 CRA COPPER BASIN OUTLET GATES RELIABILITY  
 CRA COPPER BASIN OUTLET GATES RELIABILITY STUDY  
 CRA DELIVERY LINE 1 SUPPORTS REHAB, FIVE PUMPING PLANTS  
 CRA DELIVERY LINE REHABILITATION  
 CRA DELIVERY LINES 2&3 SUPPORTS REHAB, GENE & INTAKE  
 CRA DESERT AIRFIELDS IMPROVEMENT  
 CRA DESERT PUMP PLANT OIL CONTAINMENT  
 CRA DESERT REGION SECURITY IMPROVEMENTS  
 CRA DISCHARGE CONT/GENE CAMP & IRON MTN EQUIPMENT WASH DRAINS  
 CRA DISCHARGE CONTAINMENT  
 CRA DISCHARGE CONTAINMENT PROGRAM - CONTINGENCY  
 CRA DISCHARGE CONTAINMENT PROGRAM - GENE & IRON DRAIN SYSTEMS  
 CRA DISCHARGE CONTAINMENT PROGRAM - INVESTIGATION  
 CRA DISCHARGE CONTAINMENT PROGRAM - OIL & CHEMICAL UNLOADING PAD CONTAINMENT  
 CRA DISCHARGE LINE ISOLATION BULKHEAD AND COUPLING  
 CRA DOMESTIC WATER TREATMENT SYSTEM REPLACEMENT  
 CRA ELECTRICAL / POWER SYSTEM RELIABILITY PROGRAM (CEPSRP)  
 CRA ELECTRICAL GENE PUMP PLT REPLACE 6.9 KV TRANSFORMER BUSHINGS  
 CRA ELECTRICAL POWER SYSTEM RELIABILITY PROGRAM PUMP  
 CRA ELECTRICAL PUMP PLTS REPLACE 230 KV 69 KV & 6.9 KV LIGHTENING ARRESTERS  
 CRA ELECTRICAL/POWER SYSTEM RELIABILITY PROGRAM, IRON MTN  
 CRA EMERGENCY REPAIR AQUEDUCT REPUTURE IN DESERT HOT SPRINGS  
 CRA ENERGY EFFICIENCY IMPROVEMENTS  
 CRA FRED A SIPHON BARREL NUMBER 1  
 CRA FRED A SIPHON BARREL NUMBER 1 INTERNAL SEAL INSTALLATION  
 CRA- GENE PLANT, VENTILATE CABLE TUNNEL  
 CRA- GENE PUMPING PLANT- CONSTRUCTION ADDITION TO TESTING LAB. BLDG.  
 CRA GENE PUMPING PLANT HEAVY EQUIPMENT SERVICE PIT  
 CRA GENE PUMPING PLANT HEAVY EQUIPMENT SERVICE PIT  
 CRA GENE STORAGE WAREHOUSE REPLACEMENT  
 CRA HINDS PUMPING PLANT - WASH AREA UPGRADE  
 CRA HOUSING IMPROVEMENTS - ADDITION OF TEN NEW HOUSES  
 CRA- IMPROVE ROAD TO HEAD GATE- WHITSETT  
 CRA INTAKE AND GENE OVER-CURRENT RELAY REPLACEMENT

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

CRA INTAKE PPLANT - POWER & COMMUNICATION LINE REPLACEMENT  
 CRA INTAKE PUMP PLANT SHORE PROTECTION  
 CRA- INTAKE PUMPING PLANTS- REPL.STA. SERV. RACK CIRCUIT BREAKERS  
 CRA IRON GARAGE HEAVY EQUIPMENT SERVICE PIT REPLACEMENT  
 CRA IRON HOUSING REPLACEMENT  
 CRA- IRON MOUNTAIN AND GENE- HOUSING (1/2 EACH)  
 CRA IRON MOUNTAIN PUMP PLANT 2400 V SWITTC RACK REHABILITATION  
 CRA IRON MOUNTAIN PUMP PLANT AND EAGLE MOUNTAIN PUMP PLANT RESERVOIR BOTTOM RELINING  
 CRA IRON MOUNTAIN SUCTION JOINT REFURBISHMENT PILOT  
 CRA IRON MOUNTAIN VILLAGE-REPLACE REC-MESS HALL FACILITIES  
 CRA LAKEVIEW SIPHON  
 CRA MAIN PUMP & MOTOR REFURISHMENT  
 CRA MAIN PUMP AND MOTOR REFURISHMENT  
 CRA MAIN PUMP CIRCULATING WATER SYSTEM REHABILITATION  
 CRA MAIN PUMP CONTROLS & INSTRUMENTATION  
 CRA MAIN PUMP CONTROLS AND INSTRUMENTATION  
 CRA MAIN PUMP DISCHARGE VALVE REFURBISHMENT  
 CRA MAIN PUMP MOTOR EXCITERS ASSESSMENT  
 CRA MAIN PUMP MOTOR EXCITERS REHABILITATION  
 CRA MAIN PUMP MOTOR REHABILITATION (INCLUDES UPCOMING CIP - CRA MAIN PUMP REHABILITATION)  
 CRA MAIN PUMP REHABILITATION  
 CRA MAIN PUMP REHABILITATION (STAGE 1) - DESIGN PHASE FOR DEMONSTRATION PROJECT  
 CRA MAIN PUMP REHABILITATION (STAGE 1) - PRELIMINARY INVESTIGATIONS  
 CRA MAIN PUMP STUDY  
 CRA MAIN PUMP SUCTION AND DISCHARGE LINES, EXPANSION JOINT REPAIRS  
 CRA MAIN PUMPING PLANT DISCHARGE LINE ISOLATION BULKHEAD COUPLING CONSTRUCTION  
 CRA MAIN PUMPING PLANT UNIT COOLERS & HEAT ESCHANGERS  
 CRA MAIN PUMPING PLANT UNIT COOLERS AND HEAT EXCHANGERS  
 CRA MAIN PUMPING PLANTS DISCHARGE LINE ISOLATION BULKHEAD COUPLINGS  
 CRA MAIN PUMPING PLANTS DISCHARGE LINE ISOLATION BULKHEAD COUPLINGS  
 CRA MAIN PUMPING PLANTS LUBRICATION SYSTEM  
 CRA MAIN PUMPING PLANTS SAND REMOVAL SYSTEM  
 CRA MAIN PUMPING PLANTS SERVICE WATER & SAND REMOVAL SYSTEM  
 CRA MAIN TRANSFORMER REFURBISHMENT  
 CRA MAIN TRANSFORMER REPLACEMENT /REHABILITATION  
 CRA MAIN TRANSFORMER REPLACEMENT/REHAB.  
 CRA- MICROWAVE SYSTEM ENLARGEMENT  
 CRA MILE 12 POWER LINE & FLOW MONITORING EQUIP. STUDY  
 CRA MM 33 CANAL SIDEWALL IMPROVEMENTS  
 CRA- MODIFY INTAKE TRANSFORMER COOLING  
 CRA- MODIFY PUMP IMPELLERS AT FIVE PUMPING PLANTS  
 CRA OVER-CURRENT RELAY REPLACEMENT  
 CRA OVER-CURRENT REPLAY REPLACEMENT  
 CRA- PROTECT TRANSFORMERS AT PUMPING PLANTS  
 CRA PROTECTIVE SLAB AT EAGLE MOUNTAIN, STATION 5817+00  
 CRA PROTECTIVE SLAB AT STATION 9704+77-15-011  
 CRA PROTECTIVE SLABS  
 CRA PUMP PLANT FLOW METER REPLACEMENT  
 CRA PUMP PLANT FLOW METER UPGRADE  
 CRA PUMP PLANT LOWER GUIDE ACCESS IMPROVEMENTS  
 CRA PUMP PLANT ROLLUP DOOR AND WINDOW REPLACEMENTS  
 CRA PUMP PLANT SUMP PIPING REPLACEMENT STUDY  
 CRA PUMP PLANT SUMP SYSTEM REHABILITATION  
 CRA PUMP PLANT UNINTERRUPTABLE POWER STUDY (UPS) UPGRADE  
 CRA PUMP PLANTS 2.3KV & 480V SWITCHRACKS REHAB  
 CRA PUMP PLANTS 2.3KV AND 480V SWITCH RACK REHABILITATION  
 CRA PUMP PLANTS 2300KV & 480 V SWITCHRACK REHAB  
 CRA PUMP PLANTS CIRCULATION WATER SYSTEMS  
 CRA PUMP PLANTS ON-LINE INSTR FOR MICROFILT UNIT  
 CRA PUMP REHAB PROJECT - AS-BUILT DRAWINGS  
 CRA PUMP WELLS CONVERSION AND BLOW-OFF REPAIR  
 CRA PUMPING PLANT DELIVERY LINE REHABILITATION  
 CRA PUMPING PLANT REHABILITATION STUDY  
 CRA PUMPING PLANT REHABILITATION STUDY AND INVESTIGATION  
 CRA PUMPING PLANT RELIABILITY PROGRAM  
 CRA PUMPING PLANT RELIABILITY PROGRAM - HIGH PRESSURE COMPRESSOR REPLACEMENT  
 CRA PUMPING PLANT RELIABILITY PROGRAM - SUCTION & DISCHARGE LINES EXPANSION JOINT STUDY  
 CRA PUMPING PLANT RELIABILITY PROGRAM - SUCTION AND DISCHARGE LINES-EXPANSION JOINT REPAIRS  
 CRA PUMPING PLANT STATION BATTERY REPLACEMENT  
 CRA PUMPING PLANT STORAGE BUILDINGS  
 CRA PUMPING PLANT STORAGE BUILDINGS AT HINDS, EAGLE MOUNTAIN AND IRON MOUNTAIN  
 CRA PUMPING PLANT SUMP SYSTEM REHABILITATION  
 CRA PUMPING PLANT VULNERABILITY ASSESSMENT  
 CRA PUMPING PLANT WASTEWATER SYSTEM - GENE & IRON MTN.  
 CRA PUMPING PLANT WASTEWATER SYSTEM - INTAKE  
 CRA PUMPING PLANT WASTEWATER SYSTEM REHABILITATION - ALL FIVE PUMPING PLANT PRELIMINARY DESIGN  
 CRA PUMPING PLANT WASTEWATER SYSTEM REPLACEMENT  
 CRA PUMPING PLANT WASTEWATER SYSTEM REPLACEMENT - GENE/IRON MTN FINAL DESIGN  
 CRA PUMPING PLANT WASTEWATER SYSTEM REPLACEMENT - HINDS & EAGLE MOUNTAIN  
 CRA PUMPING PLANT WASTEWATER SYSTEM REPLACEMENT - HINDS & EAGLE MTN.  
 CRA PUMPING PLANTS - AUXILIARY POWER SYSTEM REHABILITATE/UPGRADES  
 CRA PUMPING PLANTS 230KV & 69K DISCONNECT SWITCH REPLACEMENT  
 CRA PUMPING PLANTS 230KV DISCONNECT SWITHC REPLACEMENT  
 CRA PUMPING PLANTS ASPHALT REPLACEMENT  
 CRA PUMPING PLANTS CRANE IMPROVEMENTS  
 CRA PUMPING PLANTS SCADA NETWORK MAIN SWITCH REPLACEMENT  
 CRA PUMPING PLANTS SWITCH HOUSE FAULT CURRENT PROTECTION  
 CRA PUMPING PLANTS VULNERABILITY ASSESSMENT  
 CRA PUMPING PLANTS WATER TREATMENT SYSTEMS REPLACEMENT  
 CRA PUMPING PLT RELIABILITY PROGRAM, DISCHARGE LINE COUPLING INSTALLATION  
 CRA PUMPING WELL CONVERSION  
 CRA PUMPLING PLANTS DISCHARGE LINE ISOLATION GATES  
 CRA QUAGGA MUSSEL BARRIERS

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

CRA RADIAL GATES AND SLIDE GATE REHABILITATION  
 CRA RADIAL GATES REPLACEMENT  
 CRA REALIABILITY PHASE II, PUMPING PLANT SWITCH HOUSE FAULT CURRENT PROTECTION  
 CRA- RECONSTRUCT CAMINO SWITCHING STATION  
 CRA- REHAB 11 MAIN TRANSFORMERS  
 CRA RELIABILITY - PHASE II PROGRAM  
 CRA RELIABILITY PHASE II - PUMPING PLANTS 230KV & 69KV DISCONNECT SWITCH REPLACEMENT  
 CRA RELIABILITY PROGRAM - DISCHARGE VALVE LUBRICATORS  
 CRA RELIABILITY PROGRAM - MOTOR BREAKER FAULTY CURRENT STUDY (5 PLANTS)  
 CRA RELIABILITY PROGRAM PHASE 6 (AQUEDUCT PHASE 6 REHAB.) - SPEC 1568  
 CRA RELIABILITY PROGRAM PHASE 6 (SAN JACINTO DIVERSION STRUCTURE)  
 CRA RELIABILITY PROGRAM PHS 6 (SAN JACINTO DIV STRUCTURE & SVS CV-4)  
 CRA RELIABILITY-PHASE II PROGRAM  
 CRA RELIABILITY PHASE II - PUMPING PLANT SWITCH HOUSE FAULT CURRENT PROTECTION  
 CRA- RELOCATE MOTOR COLLECTOR RINGS AT IRON MOUNTAIN PLANT  
 CRA- REMODEL GENE GUEST LODGE  
 CRA- REPL. 2300V STA. SERV. STANDBY POWER LINE AT GENE  
 CRA- REPLACE CONTROL ROOM LIGHTING AT INTAKE AND IRON MOUNTAIN  
 CRA- REPLACE WATER FLOWMETER INSTRUMENTS- 5 PUMPING PLANTS  
 CRA SAND TRAP EQUIPMENT UPGRADES  
 CRA SEISMIC EVALUATION - SWITCH HOUSE AND PUMP ANCHORAGE  
 CRA SEISMIC RETROFIT OF 6.9KV SWITCH HOUSES  
 CRA SEISMIC UPGRADE OF 6.9KV SWITCH HOUSES  
 CRA SERVICE CONNECTION DWCV-2T VALVES REPLACEMENT AND STRUCTURE CONSTRUCTION  
 CRA SERVICE CONNECTION DWCV-4 VALVES REPLACEMENT  
 CRA SIPHON REHAB  
 CRA SIPHONS, TRANSITIONS, CANALS AND TUNNELS REHABILITATION & IMPROVMENTS  
 CRA SIPHONS, TRANSITIONS, CANALS, AND TUNNELS REHABILITATION AND IMPROVEMENTS  
 CRA SUCTION AND DISCHARGE LINES - EXPANSION JOINT REPAIRS  
 CRA SUPPORT FACILITIES SEISMIC EVALUATIONS  
 CRA SURGE CHAMBER DISCHARGE LINE BY-PASS COVERS  
 CRA SWITCHRACKS & ANCILLARY STRUCTURES EROSION CONTROL  
 CRA TRANSFORMER OIL AND SODIUM HYPOCHLORITE CONTAINMENT  
 CRA TRANSITION STRUCTURE AND MANHOLE COVERS REPLACEMENT  
 CRA TRANSITION STURCTURE AND MANHOLE STRUCTURES COVERS REPLACEMENT  
 CRA TUNNELS - SEISMIC RESILIENICE UPGRADES  
 CRA UPS REPLACEMENT  
 CRA- VIBRATION DETECTION EQUIPMENT  
 CRA VILLAGES DOMESTIC WATER MAIN DISTRIBUTION REPLACEMENT STUDY  
 CRA WATER DISTRIBUTION SYSTEM & VILLAGE ASPHALT REPLACEMENT - GENE & IRON MOUNTAIN  
 CRA WATER DISTRIBUTION SYSTEM & WASTEWATER SYSTEM REPLACEMENT - GENE & IRON MTN CONSTRUCTION  
 CRA WATER DISTRIBUTION SYSTEM REPLACEMENT AND CRA ROADWAY ASPHALT REPLACEMENT - ALL PP  
 CRA WHIPPLE MOUNTAIN TUNNEL  
 CRA WHIPPLE MOUNTAIN TUNNEL FLOW METERING EQUIPMENT UPGRADES  
 CRA, CABAZON AND POTRERO SHAFT COVERS  
 CRA, INSTALL WATER LEVEL ALARM SYSTEM AT CACTUS CITY (MILE 147)  
 CRA, INSTALL WATER LEVEL ALARM SYSTEM AT FAN HILL (MILE 168)  
 CRA, MILE 12 SIPHONS, INSTALL ACCOUSTIC FLOWMETERS  
 CRA-ALL PUMP PLANTS -INSTALL ACOUSTIC METER  
 CRA-ALL PUMP PLANTS- REPLACE C02 CYLINDERS  
 CRA-ALL PUMP PLANTS-MODIFY OVERHEAD BRIDGE CRANES  
 CRA-ALL PUMP PLANTS-REHAB PERF TEST  
 CRA-ALL PUMP PLANTS-REPLACE IMPELLERS  
 CRA-ALL PUMP PLANTS-VIBRATION MONITOR EQUIPMENT  
 CRA-ALL PUMPING PLANTS - REPLACE MOTOR TEMP INSTRUMENTS  
 CRA-ALL PUMPING PLANTS REHAB MAIN PUMP UNIT STUDY  
 CRA-EAGLE AND HINDS PLANT-WORTH SHFT CONN. (1/2 EACH)  
 CRA-EAGLE MNTN. OR HINDS PUMPING PLANTS -MODIF.PUMP IMPELLER ATTO  
 CRA-EAGLE MTN. AND HINDS PUMPING PLANTS-MODIF. 2 IMPELLER ATTACHMT. (1/2/ EACH)  
 CRA-GARAGES- PUMPING PLANT VILLAGES  
 CRA-GENE-M.UNIT GARAGE BLDG,IRON & EAGLE MTN.-RPL.CBL TNL VENT SYS.  
 CRA-HEAT EXCHANGER GENE PLANT TRANSFORMER 8K NO.2  
 CRA-IRON MTN PUMP PLANT-MODIFY ACOUSTIC FLOWMETER  
 CRA-ORIG CONST-LIQ DAMAGES  
 CRA-ORIG CONSTRUCTION-CASH DISCOUNTS BOND FUND  
 CRA-ORIG CONSTRUCTION-DISPOSAL OF PERMANENT WORKS  
 CRA-ORIG CONSTRUCTION-SALES TAX ADJUSTMENT  
 CRA-ORIG CONST-SALVAGE SALES  
 CRA-ORIG CONST-UNAPPLIED INSURANCE RESERVE  
 CUF DECHLORINATION SYSTEM  
 CUT-AND-COVER CONDUIT SCHEDULE 17:17A  
 CUT-AND-COVER CONDUIT, SCHEDULE 16  
 DAM SLUICEWAYS AND OUTLETS REHABILITATION  
 DANBY DRY LAKE- BRINE WELL  
 DANBY TOWER FOOTER REPLACEMENT  
 DANBY TOWERS FOUNDATION REHABILITATION  
 DESALINATION RESEARCH AND PARTNERSHIP  
 DESERT AIRFIELDS IMPROVEMENT  
 DESERT BRANCH - REPLACE STOLEN COPPER GROUND WIRE FOOTINGS/GROUNDING & COPPER PI  
 DESERT BRANCH, PURCHASE AND INSTALL FIVE PORT VIDEO CONFERENCING BRIDGE  
 DESERT CENTER EARP ROAD  
 DESERT FACILITIES - FIRE PROTECTION UPGRADE  
 DESERT FACILITIES FIRE PROTECTION SYSTEMS UPGRADE  
 DESERT FACILITIES, FIRE PROTECTION UPGRADE  
 DESERT LAND ACQUISITIONS  
 DESERT PUMP PLANT OIL CONTAINMENT  
 DESERT ROADWAY IMPROVEMENT  
 DESERT SEPTIC SYSTEM  
 DESERT SEWER SYSTEM REHABILITATION  
 DESERT WATER TANK ACCESS - FIRE WATER, CIRCULATING WATER, DOMESTIC WATER- STUDY  
 DESERT WATER TANK ACCESS AND SAFETY IMPROVEMENT  
 DESILT WASH ROAD NEAR GENE PUMPING PLANT  
 DIEMER INFRA-RED INSPECTION WINDOWS

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

DISCHARGE LINE COUPLING INSTALLATION  
DISCHARGE LINE ISOLATION BULKHEAD COUPLINGS  
DISTRIBUTION SYSTEM FACILITIES - REHABILITATION PROGRAM  
DISTRIBUTION SYSTEM FACILITIES REHABILITATION PROGRAM - MAINTENANCE & STORAGE SHOP (PC-1)  
DISTRIBUTION SYSTEM RELIABILITY PROGRAM - PHASE 2  
DOMESTIC IMPROVEMENTS AT EAGLE MOUNTAIN AND CAMINO CAMP  
DVL INLET / OUTLET TOWER FISH SCREENS REPLACEMENT  
DVL TO SKINNER TRANSMISSION LINE STUDY  
DVL, EASTSIDE PIPELINE, SECONDARY INLET  
E. THORNTON IBBETSON GUEST DORMITORY AT GENE CAMP  
E. THORNTON IBBETSON GUEST QUARTERS  
EAGLE AND HINDS EQUIPMENT WASH AREA UPGRADE  
EAGLE AND HINDS PLANT-MODIFY TWO MAIN IMPELLER ATTACHMENTS (1/2 EACH)  
EAGLE AND HINDS PUMPING PLANTS-REPL. VIBRATOR MONITORING SYSTEM  
EAGLE KITCHEN UPGRADE  
EAGLE LIFT & EAGLE WEST SIPHONS SEISMIC IMPROVEMENTS  
EAGLE MOUNTAIN 230 KV LOCAL BREAKER FAILURE BACKUP  
EAGLE MOUNTAIN 230 KV PHYSICAL AND CYBER SECURITY UPGRADES  
EAGLE MOUNTAIN 230KV LOCAL BREAKER FAILURE BACKUP  
EAGLE MOUNTAIN 230KV PHYSICAL AND CYBER SECURITY UPGRADE  
EAGLE MOUNTAIN CAMP FACILITIES-ADDITIONS  
EAGLE MOUNTAIN CAMP FACILITIES-PERMANENT QTRS  
EAGLE MOUNTAIN CRA EMPLOYEE HOUSING, MANUFACTURED HOMES  
EAGLE MOUNTAIN CRA HOUSING, FENCING IMPROVEMENTS  
EAGLE MOUNTAIN INTAKE CANAL  
EAGLE MOUNTAIN INTAKE SIPHON SPILLWAY  
EAGLE MOUNTAIN INTAKE SIPHONS  
EAGLE MOUNTAIN PUMPING PLANT BUILDING & CONTROL HOUSE  
EAGLE MOUNTAIN PUMPING PLANT DELIVERY PIPES  
EAGLE MOUNTAIN PUMPING PLANT- ENCLOSURE FENCE  
EAGLE MOUNTAIN PUMPING PLANT MISCELLANEOUS FEATURES  
EAGLE MOUNTAIN PUMPING PLANT SCADA SYSTEM  
EAGLE MOUNTAIN PUMPING PLANT STANDBY DIESEL ENGINE GENERATOR  
EAGLE MOUNTAIN PUMPING PLANT VILLAGE-POTABLE WATER LINE REPLACEMENT PROJECT  
EAGLE MOUNTAIN PUMPING PLANT: COTTAGE WITH DOUBLE GARAGE  
EAGLE MOUNTAIN RESERVOIR  
EAGLE MOUNTAIN RESERVOIR SLIDEGATE 2 REFURBISHMENT  
EAGLE MOUNTAIN ROAD  
EAGLE MOUNTAIN ROADWAYS  
EAGLE MOUNTAIN SAND TRAPS STUDY  
EAGLE MOUNTAIN SANDTRAP  
EAGLE MOUNTAIN SIPHONS SEISMIC VULNERABILITY STUDY  
EAGLE MOUNTAIN VILLAGE- RMODEL DORMITORY  
EAGLE MOUNTAIN VILLAGE-ENLARGE SEWER DISPOSAL SYSTEM  
EAGLE MTN AND HINDS PUMPING PLANTS- REPLACE CONTROL ROOM LIGHTING  
EAGLE MTN SAND TRAPS STUDY  
EAGLE MTN. REC/ MESS HALL MODIFICATIONS - AMERICANS W/ DISABILITIES  
EAGLE MTN. & IRON MTN. - SHOPS AND HOUSES (1/2 EACH)  
EAGLE MTN & HINDS PUMPING PLANTS-SERV. PLATFORMS & ACCESS LADDER  
EAGLE MTN/HINDS PUMP PLT - REPLACE VIBRATING MONITORING SYSTEM  
EAGLE MTN-REPLACE ASPHALT PAVEMENT  
EAGLE PP UTILITIES AND PAVING  
EAGLE ROCK ASPHALT REPAIR PROJECT  
EAGLE ROCK MAIN ROOF REPLACEMENT  
EAGLE/HINDS PUMPING PLANTS- REHAB. 2 MAIN TRANSFORMERS  
EAST BRANCH AQUEDUCT STUDIES  
EAST COXCOMB MOUNTAIN WATER LINES  
EAST EAGLE MOUNTAIN TUNNEL  
ELECTRICAL SYSTEM - CAMINO SWITCHING STATION  
ELEVEN HOUSES & GARAGES: 6 - IRON MOUNTAIN ,2-HAYFIELD, 1- WIDE CYN.  
ELEVEN HOUSES & GARAGES: 6-IRON MOUNTAIN ,2- EAGLE,2-HAYFIELD, 1- WIDE CYN.  
ENHANCED VAPOR RECOVERY UPGRADES FOR GASOLINE DISPENSERS  
ENVIRONMENTAL MITIGATION  
ETIWANDA PIPELINE LINER REPAIR  
ETIWANDA RESERVOIR LINER REPAIR  
EVALUATION OF PRECIPITATIVE FOULING OF COLORADO RIVER WATER  
EXPLORATORY WORK, GENE AND COPPER BASIN DAMS  
FACILITIES - IRON MOUNTAIN  
FAN HILL EXPERIMENTAL  
FAN HILL EXPERIMENTAL SIPHON & TRANSITIONS  
FEMA PROJECT 701209  
FEMA PROJECT 701237  
FEMA PROJECT 701249  
FEMA PROJECT 701315  
FEMA PROJECT 701339  
FEMA PROJECT 701352  
FENCING & EAGLE MOUNTAIN ROAD RELOCATION  
FLOWMETER INDICATOR, WATER  
FOOTHILL FEEDER ARROYO SECO WATER TREATMENT PLANT  
FUTURE SYSTEM RELIABILITY PROJECTS  
GARAGES - GENE & HINDS PUMP PLANTS - CRA  
GARAGES- PARKER DAM, COPPER BASIN AND EAGLE MOUNTAIN  
GARVEY RESERVOIR - AUTOMATED DATA ACQUISITION SYSTEM  
GARVEY RESEVOIR AUTOMATED DATA ACQUISITION SYSTEM REPLACEMENT  
GATES, FOUR SAN JACINTO TUNNEL - CRA (ORG CONST)  
GENE MESS HALL MODIFICATIONS - AMERICANS W/ DISABILITIES  
GENE & INTAKE P.P. - FREQUENCY PROTECTION RELAY REPLACEMENT  
GENE & INTAKE PUMPING PLANT OUTLET STRUCTURE GATE RE-COATING (10003)  
GENE & INTAKE PUMPING PLANT SURGE CHAMBER OUTLET GATES RE-COATING  
GENE & INTAKE PUMPING PLANTS - REPLACE UNDER FREQUENCY PROTECTION RELAY  
GENE & IRON  
GENE & IRON UTILITIES AND PAVING  
GENE AIR CONDITION

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

GENE AIR CONDITIONING SYSTEM, REPLACE  
 GENE CAMP- DISMANTLE TWO APARTMENTS AND BUILD TWO HOUSES  
 GENE CAMP FACILITIES - THREE COTTAGES AND GARAGES (CONT 579, SPEC 431)  
 GENE CAMP FACILITIES-ADDITIONS  
 GENE CAMP FACILITIES-BOOSTER REFRIGERATION FOR COTTAGES  
 GENE CAMP FACILITIES-PERMANENT  
 GENE CAMP LUNCH ROOM AND ADDITION TO GUEST HOUSE  
 GENE CAMP MESS HALL, REPLACE A/C UNIT  
 GENE CAMP MESS HALL, REPLACE AIR CONDITIONING UNIT  
 GENE CAMP- REPLACE, REMODEL AND ENLARGE TEN HOUSES  
 GENE CAMP STATION SERVICE TRANSFORMER REPLACEMENT  
 GENE CAMP WALK-IN FREEZER REPLACEMENT  
 GENE CAMP, DEMOLISHED MEDICAL BLDG UNITS 85G & 86G  
 GENE COMMUNICATION SYSTEM UPGRADE  
 GENE GUEST LODGE MODIFICATIONS - AMERICANS W/ DISABILITIES  
 GENE HEADQUARTERS: FIVE HOUSES WITH GARAGES  
 GENE HEADQUARTERS: FOUR COTTAGES WITH GARAGES  
 GENE INLET SURGE CHAMBER ACCESS IMPROVEMENTS  
 GENE PLANT- CLOSED CIRCUIT TV SYSTEM  
 GENE PLANT- REPLACE STATION SERVICE RACK  
 GENE PLANT- REPLACE TEMPERATURE INSTRUMENTS  
 GENE POOL REFURBISHMENT  
 GENE PUMPING PLAN- SPECIAL MECHANICAL MAINTENANCE SHOP ADDITION  
 GENE PUMPING PLANT - AIR STRIP EXTENSION PROJECT  
 GENE PUMPING PLANT - HEAVY EQUIPMENT SERVICE PIT  
 GENE PUMPING PLANT - PEDDLER SUBSTATION REPLACEMENT  
 GENE PUMPING PLANT - SCADA SYSTEM  
 GENE PUMPING PLANT- CONSTRUCT HEADGATE STAIRWAY  
 GENE PUMPING PLANT- CONSTRUCT ROAD TO HEAD GATE HOUSE  
 GENE PUMPING PLANT DELIVERY PIPES & INLET  
 GENE PUMPING PLANT EXPANSION JOINT  
 GENE PUMPING PLANT EXPANSION JOINT REHABILITATION  
 GENE PUMPING PLANT MAIN TRANSFORMER AREA  
 GENE PUMPING PLANT MISCELLANEOUS FEATURES  
 GENE PUMPING PLANT- PREFABRICATED AIRCRAFT HANGER  
 GENE PUMPING PLANT PUMP BUILDING & CONTROL HOUSE  
 GENE PUMPING PLANT PUMPING EQUIPMENT  
 GENE PUMPING PLANT- REHAB. BANK NO.1 PHASE C,MAIN TRANSFORMER  
 GENE PUMPING PLANT- REPLACE CONTROL ROOM LIGHTING  
 GENE PUMPING PLANT REPLACE POWER CABLE AT HEAD GATE  
 GENE PUMPING PLANT- REPLACE POWER CABLE AT HEAD GATE  
 GENE PUMPING PLANT STANDBY GENERATOR REPLACEMENT  
 GENE PUMPING PLANT, CONSTRUCT SPARE PARTS WAREHOUSE  
 GENE PUMPING PLANT, REPL CIRCUIT BREAKER FOR TRANSFORMER BANK #1  
 GENE PUMPING PLANT-HEADQUARTERS OFFICE BUILDING, MODIFY & EXPAN.  
 GENE PUMPING PLANT-REPL 230 KV CIRCUIT BRKR. FOR TRSFMR BANK #1  
 GENE REC HALL MODIFICATIONS - AMERICANS W/ DISABILITIES  
 GENE RESERVOIR DAM-REPAIR 42  
 GENE STORAGE BUILDING REPLACEMENT  
 GENE STORAGE WAREHOUSE REPLACEMENT  
 GENE TRANSFORMER PROTECTION  
 GENE TRASH RACK  
 GENE UNDERFREQUENCY RELAY UPGRADE  
 GENE VILLAGE- REMODEL HOUSE # 46 G  
 GENE VILLAGE -REMODEL WESTERN PORTION OF DORMITORY  
 GENE VILLAGE- WATER PIPELINE FOR FIRE PREVENTION  
 GENE VILLAGE: ADDITION TO GUEST LODGE  
 GENE VILLAGE: ADDITIONAL COTTAGES- MOVING AND REMODELING  
 GENE VILLAGE: RECREATIONAL HALL  
 GENE VILLAGE: SERVICE FACILITIES  
 GENE VILLAGE: SWIMMING AND WADING POOLS  
 GENE VILLAGE: TWO CARPORTS  
 GENE VILLAGE: WAREHOUSE  
 GENE WASH DAM AND APPURTENENT WORKS  
 GENE WASH RESERVOIRS DISCHARGE VALVE REHABILITATION  
 GENE WASH ROAD  
 GENE- WHITSETT WATER LINES  
 GENE, IRON & EAGLE MTN. VILLAGES- MOBILE HOMES (1/3 EACH)  
 GENERATOR, STANDBY ENGINE - GENE PUMP PLT CRA  
 GENERATOR,STANDBY- INTAKE PUMP PLANT-CRA  
 GENERATORS, STANDBY ENGINE - EAGLE & HINDS PUMP PLT (1/2 EACH)  
 GROUTING CALIFORNIA ABUTMENT  
 GUEST LODGE - GENE - CRA  
 HALF CAP CIRC. SIPHONS SCHEDULE 18A  
 HALF CAP CIRC. SIPHONS SCHEDULE 18J  
 HALF CAP CIRC. SIPHONS SCHEDULE 19A  
 HAYFIELD PUMPING PLANT: SWIMMING POOL  
 HAYFIELD ROAD  
 HAYFIELD TUNNEL NO. 1  
 HAYFIELD TUNNEL NO. 2  
 HAYFIELD VILLAGE: REBUILDING GARAGE, WORKSHOP & OIL HOUSE  
 HEADGATE OPERATORS & CIRCUIT BREAKERS REHAB.  
 HEADQUARTERS ELECTRICAL VEHICLE CHARGING STATION EXPANSION  
 HIGHLAND PIPELINE CLAIM  
 HIGHLAND PIPELINE CONSTRUCTION  
 HINDS CAMP FACILITIES-ADDITIONS  
 HINDS CAMP FACILITIES-PERMANENT QTRS  
 HINDS EAGLE & IRON MOUNTAINS STORAGE BUILDINGS  
 HINDS INTAKE CANAL  
 HINDS INTAKE SIPHON  
 HINDS PARKER DAM TELEPHONE LINE  
 HINDS PP UTILITIES AND PAVING  
 HINDS PUMP UNIT NO. 8 REFURBISHMENT



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

HINDS PUMPING PLANT BUILDING & CONTROL HOUSE  
HINDS PUMPING PLANT DELIVERY PIPE EXPANSION JOINT PHASE 2  
HINDS PUMPING PLANT DELIVERY PIPES  
HINDS PUMPING PLANT DISCHARGE VALVE PIT PLATFORM REPLACEMENT  
HINDS PUMPING PLANT DISCHARGE VALVE PLATFORM REPLACEMENT  
HINDS PUMPING PLANT EQUIPMENT WASH AREA UPGRADES  
HINDS PUMPING PLANT MISCELLANEOUS FEATURES  
HINDS PUMPING PLANT PUMPING EQUIPMENT  
HINDS PUMPING PLANT- REHAB. BANK #1, PHASE B, MAIN TRANSFORMER  
HINDS PUMPING PLANT- REPLACE 230KV CIRCUIT BREAKER  
HINDS PUMPING PLANT SCADA SYSTEM  
HINDS PUMPING PLANT STANDBY GENERATOR REPLACEMENT  
HINDS PUMPING PLANT SUMP REPAIRS  
HINDS PUMPING PLANT, EQUIPMENT WASH AREA UPGRADE  
HINDS PUMPING PLANT-REPLACE 2300 VOLT PARKWAY POWER CABLE  
HINDS PUMPING PLT - REPLACE CIRCUIT BREAKER BANK # 2, MAIN TRANSFER  
HINDS ROADWAYS  
HINDS SAND TRAP  
HINDS TRANSFORMER BANK PROTECTION RELAY REPLACEMENT  
HINDS TRANSFORMER POWER CABLE REPLACEMENT  
HINDS VILLAGE PAVING REPLACEMENT PROJECT  
HINDS VILLAGE- REMODEL HOUSE #130H  
HINDS VILLAGE- REMODEL HOUSE #149H  
HINDS VILLAGE- SATELLITE TV ANTENNA SYSTEM  
HINDS VILLAGE-PAVEMENT REPLACEMENT  
HINDS WASTEWAY  
HOLLYWOOD TUNNEL: REMODLG.CONTROL VALVE STRUCTURE AT N.PORTAL  
HOOVER DAM PUMP PLANT TELEPHONE LINE  
HOUSE AND GARAGE AT SAN JACINTO RESERVOIR  
HOUSING - GENE VILLAGE  
HYDROGRAPHIC EQUIPMENT  
IM,EM,HP- REPLACE 2300 V STA.SERV.POWER CIRCUIT BREAKERS  
INLAND FDR, ARROWHEAD TUNNELS REDESIGN  
INLAND FDR, ARROWHEAD WEST TUNNEL CONSTRUCTION  
INLAND FDR, CONTRACT 9, CONSTRUCTION OF RIVERSIDE PPLN SOUTH  
INLAND FDR, OWNER CONTROLLED INSURANCE PROGRAM  
INLAND FDR, REACH 4, RUSD PPLN  
INLAND FDR-CNTR #1/DEVIL CYN-WATERMAN RD  
INLAND FDR-CNTR #4-SOFT GRND TNL/SANTA ANA  
INLAND FDR-CONT #8-PIPEL PARALLEL TO DAVIS RD  
INLAND FDR-ENVIRON. MITIG.  
INLAND FEEDER - RIGHT OF WAY AND EASEMENT PROCUREMENT  
INLAND FEEDER AND LAKEVIEW PIPELINE INTERTIE  
INLAND FEEDER AULD VALLEY PRESSURE CONTROL STRUCTURE  
INLAND FEEDER CONTINGENCY  
INLAND FEEDER CONTRACT 1, DEVIL CANYON / WATERMAN RD  
INLAND FEEDER COST OF LAND AND RIGHT OF WAY  
INLAND FEEDER ENVIRONMENTAL MITIGATION  
INLAND FEEDER GROUNDWATER MONITORING  
INLAND FEEDER HIGHLAND PIPELINE CLAIMS COST  
INLAND FEEDER HIGHLAND PIPELINE CONSTRUCTION  
INLAND FEEDER HIGHLAND PIPELINE DESIGN  
INLAND FEEDER MENTONE PIPELINE CONSTRUCTION  
INLAND FEEDER MENTONE PIPELINE DESIGN  
INLAND FEEDER MENTONE PIPELINE RUSD CONSTRUCTION  
INLAND FEEDER OWNER CONTROLLED INSURANCE PROGRAM  
INLAND FEEDER PRESSURE CONTROL STRUCTURE  
INLAND FEEDER PROGRAM REMAINING BUDGET/CONTINGENCY  
INLAND FEEDER PROJECT MANAGEMENT SUPPORT  
INLAND FEEDER PURCHASE OF LAND AND RIGHT OF WAY  
INLAND FEEDER RAISE BURIED STRUCTURES AND REALIGN DAVIS RD.  
INLAND FEEDER REVERSE OSMOSIS PLANT  
INLAND FEEDER RIVERSIDE BADLANDS TUNNEL CONSTRUCTION  
INLAND FEEDER RIVERSIDE NORTH PIPELINE DESIGN  
INLAND FEEDER RUSD CLAIMS DEFENSE  
INLAND FEEDER STUDIES  
INLAND FEEDER STUDY  
INLAND FEEDER UNDERGROUND STORAGE TANK REMOVAL & ABOVEGROUND STORAGE TANK INSTALLATION  
INLAND FEEDER, ARROWHEAD EAST TUNNEL  
INLAND FEEDER, ARROWHEAD TUNNELS CONSTRUCTION  
INLAND FEEDER, ARROWHEAD TUNNELS REDESIGN  
INLAND FEEDER, ARROWHEAD WEST TUNNEL  
INLAND FEEDER, CONTRACT #5, OPAL AVENUE PORTAL / BADLANDS TUNNEL  
INLAND FEEDER, CONTRACT #7, RIVERSIDE NORTH PIPELINE CONSTRUCTION  
INLAND FEEDER, CONTRACT 2, EAST SAN BERNARDINO TUNNEL / PORTALS  
INLAND FEEDER, CONTRACT 4, SOFT GROUND TUNNEL / SANTA ANA  
INLAND FEEDER, CONTRACT 5, OPAL AVENUE PORTAL / BADLANDS TUNNEL  
INLAND FEEDER, CONTRACT 6, GILMAN SPRINGS PORTAL / BADLAND TUNNEL  
INLAND FEEDER, CONTRACT 7, RIVERSIDE NORTH PIPELINE CONSTRUCTION  
INLAND FEEDER, CONTRACT 8, PIPELINE PARALLEL TO DAVIS ROAD  
INLAND FEEDER, CONTRACT 9, CONSTRUCTION OF RIVERSIDE PIPELINE SOUTH  
INLAND FEEDER, COST OF LAND AND RIGHT OF WAY  
INLAND FEEDER, ENVIRONMENTAL MITIGATION  
INLAND FEEDER, HIGHLAND PIPELINE DESIGN  
INLAND FEEDER, MENTONE PIPELINE  
INLAND FEEDER, OWNER CONTROLLED INSURANCE PROGRAM  
INLAND FEEDER, PROGRAM MANAGEMENT  
INLAND FEEDER, REACH 4, RUSD PIPELINE  
INLAND FEEDER, RIGHT OF WAY AND EASEMENT PROCUREMENT  
INLAND FEEDER, RIVERSIDE NORTH AND SOUTH PIPELINES, CATHODIC PROTECTION  
INLAND FEEDER, THORNE WELL FIELD REVERSE OSMOSIS INSTALLATION  
INLAND FEEDER/SBMWD HIGHLAND INTERTIE BYPASS LINE REHAB  
INSTRUMENTS & PANELS - INTAKE, IRON, EAGLE & HINDS - (1/4 EACH)

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

INTAKE & GENE PUMPING PLANTS-REPLC. MOTOR AIR COOLER WATER BOXES  
 INTAKE AND GENE PUMPING PLANTS 480 V AND 2400 V STANDBY DIESEL ENGINE GENERATOR REPLACEMENT  
 INTAKE POWER AND COMMUNICATION LINE RELOCATION  
 INTAKE POWER AND COMMUNICATIONS LINE RELOCATION  
 INTAKE PPLANT - POWER & COMMUNICATION LINE REPLACEMENT  
 INTAKE PUMP PLANT ROAD IMPROVEMENTS  
 INTAKE PUMP PLANT, 69KV SWITCHYARD  
 INTAKE PUMPING PLANT - COOLING AND REJECT WATER DISCHARGE TO LAKE HAVASU  
 INTAKE PUMPING PLANT 2.4KV PWER LINE RELOCATION  
 INTAKE PUMPING PLANT AUTOMATION PROGRAMMING  
 INTAKE PUMPING PLANT INSTRUMENTATION REPLACEMENT  
 INTAKE PUMPING PLANT INSTRUMENTATION REPLACEMENT & AUTOMATION  
 INTAKE PUMPING PLANT INSTRUMENTATION REPLACEMENT & AUTOMATION (4 PLANTS)  
 INTAKE PUMPING PLANT INSTRUMENTATION REPLACEMENT AND AUTOMATION  
 INTAKE PUMPING PLANT POWER & COMMUNICATION LINE REPLACEMENT  
 INTAKE PUMPING PLANT REPLACE STA SERV RACK CIRCUIT BREAKERS  
 INTAKE PUMPING PLANT SCADA SYSTEM  
 INTAKE PUMPING PLANT STANDBY GENERATOR REPLACEMENT  
 INTAKE PUMPING PLANT TRANSFORMER SECURITY SCREEN  
 INTAKE PUMPING PLANT: TWO HOUSES WITH GARAGES  
 INTAKE PUMPING PLANT-REPLACE STANDBY GENERATOR  
 INTAKE UTILITIES AND PAVING  
 INTAKE, GENE, & IRON MTN. - REPL VIBRATING MONITORING SYSTEM  
 IOC - ALL PUM P PLANTS, BRIDGE CRANE AND SEISMIC RESTRAINTS  
 IOC - ALL PUMP PLTS, MODIFY STATIONARY POWER SUPPLY SYSTEM  
 IOC - ALL PUMPING PLANTS, HYPOCHLORINATION SYSTEM  
 IOC - ALL PUMPING PLANTS, REPLACE DOMESTIC WATER TREATMENT SYSTEMS  
 IOC - CRA , ALL PUMP PLTS, REPL.THERMOMETERS/RECORDERS IN CONTROL ROOM  
 IOC - CRA PUMP PLANTS, ONLINE INSTR FOR MICROFIL UNIT  
 IOC - CRA WATER DESALINATION  
 IOC - CRA, ALL PUMP PLANTS, REHAB PERF TEST  
 IOC - CRA, INSTALL WATER LEVEL ALARM SYSTEM AT CACTUS CITY (MILE 147)  
 IOC - CRA, INSTALL WATER LEVEL ALARM SYSTEM AT FAN HILL (MILE 168)  
 IOC - CRA, MILE 12 SIPHONS, INSTALL ACCOUSTIC FLOWMETERS  
 IOC - CRA, REPLACE FLOWMETER INSTRUMENTS, 5 PUMPING PLANTS  
 IOC - CRA, WATER STORAGE IN DESERT GROUNDWATER BASIN, STUDY  
 IOC - DESERT FACILITIES, FIRE PROTECTION UPGRADE  
 IOC - EAGLE AND HINDS PUMPING PLANTS, REPL VIBRATON MONITORING SYSTEM  
 IOC - EAGLE MTN & HINDS PUMPING PLTS, SERVICE PLATFORMS & ACCESS LADDER  
 IOC - EAGLE MTN VILLAGE ASPHALT REMOVAL, REGRADE, AND REPLACE  
 IOC - EAGLE/HINDS PUMPING PLANTS, REHAB 2 MAIN TRANSFORMERS  
 IOC - GENE PUMPING PLANT, CONSTRUCT HEADGATE STAIRWAY  
 IOC - GENE PUMPING PLANT, CONSTRUCT ROAD TO HEAD GATE HOUSE  
 IOC - GENE PUMPING PLANT, CONSTRUCT SPARE PARTS WAREHOUSE  
 IOC - GENE PUMPING PLANT, MODIFY AND EXPAND OFICE BUILDING  
 IOC - GENE PUMPING PLANT, PREFABRICATED AIRCRAFT HANGAR  
 IOC - GENE PUMPING PLANT, REPL 230 KV CIRCUIT BREAKER ON TRANSFORMER BANK 1  
 IOC - GENE PUMPING PLANT, REPLACE POWER CABLE AT HEAD GATE  
 IOC - GENE PUMPING PLANT, SPECIAL MECHANICAL MAINTENANCE SHOP ADDITION  
 IOC - GENE VILLAGE, REMODEL HOUSE 46G  
 IOC - GENE, IRON & EAGLE PUMP PLTS, INSTALL FLOW METERS  
 IOC - HINDS PUMPING PLANT, REHAB BANK 1, PHASE B, MAIN TRANSFORMER  
 IOC - HINDS PUMPING PLANT, REPLACE 230KV CIRCUIT BREAKER  
 IOC - HINDS VILLAGE ASPHALT REMOVAL, REGRADE, AND REPLACE  
 IOC - HINDS VILLAGE, REMODEL HOUSE 130H  
 IOC - HINDS VILLAGE, REMODEL HOUSE 149H  
 IOC - HINDS VILLAGE, SATELLITE TV ANTENNA SYSTEM  
 IOC - INLAND FEEDER  
 IOC - INTAKE PUMP PLANT, 69KV SWITCHYARD  
 IOC - IRON MOUNTAIN VILLAGE, REMODEL DORMITORY  
 IOC - IRON MOUNTAIN VILLAGE, SATELLITE TV ANTENNA SYSTEM  
 IOC - IRON MTN, EAGLE MTN, HINDS, REPLACE 2300V STA SERV POWER CIRCUIT BREAKERS  
 IOC - IRON MTN, WAREHOUSE BLDG, MEZZ CONSTRUCTION  
 IOC - IRON, EAGLE, GENE, HINDS, HEAT EXCHANGER ON TRANSFORMERS  
 IOC - LAKE PERRIS AREA STUDY  
 IOC - LAKE PERRIS PUMPBACK FACILITY, EXPANSION 2  
 IOC - SAN JACINTO TUNNEL, WEST PORTAL SEISMIC MODS  
 IOC - SEISMIC MODS, ALL PUMP PLTS  
 IRON AND EAGLE PUMP PLANT RESERVOIR SPILLWAY AUTO REJECTION  
 IRON MOUNTAIN & EAGLE MOUNTAIN 230KV TRANSMISSION LINE PILOT RELAY  
 IRON MOUNTAIN 2400 V STANDBY DIESEL ENGINE GENERATOR REPLACEMENT  
 IRON MOUNTAIN AUXILIARY POWER SYSTEM REHABILITATION  
 IRON MOUNTAIN CAMP FACILITIES- TWO COTTAGES (CONT 579, SPEC 431)  
 IRON MOUNTAIN CAMP FACILITIES-ADDITIONS  
 IRON MOUNTAIN CAMP FACILITIES-OIL STORAGE HOUSE  
 IRON MOUNTAIN CAMP FACILITIES-PERMANENT QTRS  
 IRON MOUNTAIN COLORADO RIVER WATER LINE  
 IRON MOUNTAIN GENERATOR REPLACEMENT  
 IRON MOUNTAIN HAZARDOUS WASTE CONTAINMENT  
 IRON MOUNTAIN INTAKE CANAL  
 IRON MOUNTAIN INTAKE SIPHONS  
 IRON MOUNTAIN O&M EQUIPMENT PARKING CANOPY  
 IRON MOUNTAIN PLANT- REPLACEMENT OF STAND-BY GENERATOR  
 IRON MOUNTAIN PUMPING PLANT  
 IRON MOUNTAIN PUMPING PLANT BUILDING & CONTROL HOUSE  
 IRON MOUNTAIN PUMPING PLANT DELIVERY LINE NO. 1 RELINING  
 IRON MOUNTAIN PUMPING PLANT DELIVERY PIPES  
 IRON MOUNTAIN PUMPING PLANT HOUSING REPLACEMENT  
 IRON MOUNTAIN PUMPING PLANT MISCELLANEOUS FEATURES  
 IRON MOUNTAIN PUMPING PLANT PUMPING EQUIPMENT  
 IRON MOUNTAIN PUMPING PLANT- RELOCATE T.V. ANTENNA  
 IRON MOUNTAIN PUMPING PLANT- RETUBE MOTOR AIR COOLERS- UNITA 4 & 5  
 IRON MOUNTAIN PUMPING PLANT- RPLC.TUBES IN MOTOR AIR COOLERS 1,2 & 3

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

IRON MOUNTAIN PUMPING PLANT SCADA SYSTEM  
 IRON MOUNTAIN PUMPING PLANT, DELIVERY PIPE EXPANSION JOINT REPAIRS  
 IRON MOUNTAIN PUMPING PLANT: FAMILY RESIDENCE & GUEST QUARTERS  
 IRON MOUNTAIN- REPLACE DAMAGED FACILITIES  
 IRON MOUNTAIN RESERVOIR  
 IRON MOUNTAIN ROAD  
 IRON MOUNTAIN SAND TRAP  
 IRON MOUNTAIN SERVICE PIT REHABILITATION  
 IRON MOUNTAIN SERVICE PLT REHABILITATION  
 IRON MOUNTAIN TRANSFORMER BANK PROTECTION RELAY REPLACEMENT  
 IRON MOUNTAIN TUNNEL, EAST PORTION  
 IRON MOUNTAIN TUNNEL, WEST PORTION  
 IRON MOUNTAIN VILLAGE -REMODEL DORMITORY  
 IRON MOUNTAIN VILLAGE- REPLACE SEWAGE DISPOSAL  
 IRON MOUNTAIN VILLAGE- SATELLITE TV ANTENNA SYSTEM  
 IRON MOUNTAIN WASTEWAY  
 IRON MOUNTAIN, TRANSFORMER OIL TANK RELOCATION  
 IRON MOUNTAIN & EAGLE MOUNTAIN 230KV TRANSMISSION LINE PILOT RELAY  
 IRON MT. AUXILIARY POWER SYSTEM REHABILITATION AND UPGRADE  
 IRON MTN - WAREHOUSE BLDG, MEZZ CONSTRUCTION  
 IRON MTN. VILLAGE - REMODEL DORMITORY  
 IRON/EAGLE/GENE/HINDS- HEAT EXCHANGER ON TRANSFORMERS  
 IRON/EAGLE/GENE/HINDS- HEAT EXCHANGER ON TRANSFORMERS (1/4 EACH)  
 IRON/EAGLE/HINDS DELIVERY LINE SUPPORT REPAIRS  
 IRON/HINDS - REPLACE PHONE SYSTEM  
 IRON-EAGLE MTN. 230 KV TRANSMISSION LINE PILOT RELAY  
 JULIAN HIND PUMP PLT - DEMOLISH HOUSE 36H & 37H  
 JULIAN HINDS PUMPING PLANT DELIVERY PIPE EXPANSION JOINT PHASE 2 REPAIRS  
 JULIAN HINDS PUMPING PLANT DELIVERY PIPE EXPANSION JOINT PHASE I REPAIR  
 JULIAN HINDS PUMPING PLANT DELIVERY PIPE EXPANSION JOINT PHASE REPAIR  
 LAKE MATHEWS FOREBAY & HEADWORK FACILITY & EQUIPMENT  
 LAKE MATHEWS ICS  
 LAKE MATHEWS INLET CHANNEL (SCH 23A; SPEC 82)  
 LAKE MATHEWS INTERIM CHLORINATION SYSTEM  
 LAKE MATHEWS LA VERNE TELEPHONE LINE  
 LAKE PERRIS AREA STUDY  
 LAKE PERRIS BYPASS PIPELINE EXPLORATORY EXCAVATION  
 LAKE SKINNER - OUTLET CONDUIT FLOWMETER INSTALLATION  
 LAKE SKINNER BYPASS PIPELINE NO. 2 CATHODIC PROTECTION  
 LAKE SKINNER OUTLET CONDUIT  
 LAKEVIEW BEAUMONT TELEPHONE LINE  
 LAKEVIEW PIPELINE LEAK REPAIR AT STA. 2510+49  
 LAKEVIEW PIPELINE REPAIRS PHASE 1 - BERNASCONI TUNNEL LINING  
 LAVERNE FACILITIES - EMERGENCY GENERATOR  
 LAVERNE FACILITIES - MATERIAL TESTING  
 LAWRENCE ADIT POWER LINE  
 LIGHTING, CONTROL ROOM - EAGLE MOUNTAIN & HINDS PUMP PLT  
 LITTLE MORONGO CIRCULAR SIPHON  
 LOWER FEEDER EROSION PROTECTION  
 MAGAZINE CANYON - VALVE REPLACEMENT FOR SAN FERNANDO TUNNEL (STATION 778+80)  
 MAGAZINE CANYON OIL & WATER SEPARATOR  
 MAGAZINE CANYON OIL/WATER SEPARATOR  
 MAINTENANCE SHOP, GENE CMP - CRA  
 MATHEWS/DESERT-DOMESTIC WATER SYSTEM STUDY  
 MECCA PASS COLORADO RIVER PASS  
 MECCA PASS IRON MOUNTAIN WATER LINE  
 MECCA PASS TUNNELS  
 MENTONE PIPELINE, RUSD, DEFENSE OF CLAIM  
 MENTONE PPLN, RUSD, DEFENSE OF CLAIM  
 MESS HALL BUILDING - IRON MOUNTAIN  
 MILE 12 FLOW AND CHLORINE MONITORING STATION UPGRADES  
 MILE 12 POWER LINE & FLOW MONITORING EQUIPMENT STUDY  
 MILIGAN SALT HAUL ROAD  
 MILLS PLANT SUPPLY PUMP STATION STUDY  
 MINOR CAP FY 2011/12  
 MINOR CAPITAL PROJECTS FOR FY 1989/90 - EAGLE MTN PUMPING PLANT  
 MINOR CAPITAL PROJECTS FOR FY 1989/90 - GENE PUMPING PLANT  
 MINOR CAPITAL PROJECTS-EAGLE MTN VILLAGE, ASPHALT, REMOVE, REGRADE, REPL  
 MINOR CAPITAL PROJECTS-GENE INDUST AREA, INSTALL 2300V SVC  
 MINOR CAPITAL PROJECTS-GENE, IRON & EAGLE PUMP PLTS, INSTALL FLOW METERS  
 MINOR CAPITAL PROJECTS-HINDS VILLAGE, ASPHALT, REMOVE, REGRADE, REPL  
 MISCELLANEOUS  
 MISCELLANEOUS WATER SYSTEM ADDITIONS  
 MODIFY STRUCTURE EAST WIDE CANYON SIPHON  
 MORONGO MECCA PASS WATER LINE  
 MOTOR AIR COOLERS - IRON MTN PUMP PLT - CRA  
 MOTOR BREAKER FAULTY (5 PLANTS)  
 NEW HOUSE AT HINDS PUMP PLANT VILLAGE  
 NEWHALL TUNNEL - REPAIR STEEL LINER  
 NEWHALL TUNNEL - UPGRADE LINER SYSTEM  
 NITROGEN STORAGE STUDY AT DVL, INLAND FEEDER PC-1, AND LAKE MATHEWS  
 OC 44 SERVICE CONNECTIONS & EOC#2 METER ACCESS ROAD REPAIR  
 OC 88 PUMP PLANT FIRE PROTECTION STUDY  
 OC-71 SERVICE CONNECTION REPAIRS  
 OFFICE BUILDING - IRON MOUNTAIN  
 OLINDA PCS FACILITY REHABILITATION AND UPGRADE  
 OLINDA PRESSURE CONTROL STRUCTURE FACILITY REHABILITATION AND UPGRADE  
 OPERATION OF DORMITORY BY USBR  
 ORANGE COUNTY 44 SERVICE CONNECTIONS & EOC#2 METER ACCESS ROAD REPAIR  
 ORANGE COUNTY 88 PUMP PLANT FIRE PROTECTION STUDY  
 OVERALL ASSESSMENT OF DELIVERY LINES  
 OVERHAUL PUMPS 1,2, &3 EAGLE MOUNTAIN  
 OVERHAUL PUMPS 1,2, &3 GENE

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

OVERHAUL PUMPS 1,2, &3 HINDS  
OVERHAUL PUMPS 1,2, &3 IRON MOUNTAIN  
OVERHAUL PUMPS 1,2, &3 WHITSETT  
OWNER CONTROLLED INSURANCE PROGRAM  
P103253 CRA PUMP WELLS CONVERSION AND BLOW-OFF REPAIR  
P103260 CRA ELECTRICAL GENE PUMP PLT REPLACE 6.9 KV TRANSFORMER BUSHINGS  
P103741 CRA PUMPING PLANT VULNERABILITY ASSESSMENT  
P103942 BLACK METAL MOUNTAIN, ELECTRICAL TRANSFORMER UPGRADE  
P104244 IRON MOUNTAIN PUMPING PLANT, DELIVERY PIPE EXPANSION JOINT REPAIRS  
P104506 IRON/EAGLE/HINDS DELIVERY LINE SUPPORT REPAIRS  
P104755 CRA HOUSING IMPROVEMENTS - ADDITION OF TEN NEW HOUSES  
P104875 SECOND LOWER FEEDER PCCP REHABILITATION  
P104887 SECURITY SYSTEM UPGRADE PROJECT  
P105000 SWITCH HOUSE DOORS AT EAGLE, MOUNTAIN & IRON MOUNTAIN  
P105008 PHYSICAL SECURITY CONTROLS FOR THE IRON MOUNTAIN  
P105015 IRON MOUNTAIN O&M EQUIPMENT PARKING CANOPY  
P105033 GENE INLET SURGE CHAMBER ACCESS IMPROVEMENTS  
P105082 IRON-EAGLE MTN. 230 KV TRANSMISSION LINE PILOT RELAY  
P105159 EAGLE MOUNTAIN 230KV LOCAL BREAKER FAILURE BACKUP  
P105180 CRA WHIPPLE MOUNTAIN TUNNEL  
P105185 EAGLE MOUNTAIN CRA EMPLOYEE HOUSING, MANUFACTURED HOMES  
P105208 CRA PUMPING PLANTS SCADA NETWORK MAIN SWITCH REPLACEMENT  
P105209 CRA PUMPING PLANT STATION BATTERY REPLACEMENT  
P105214 EAGLE MOUNTAIN CRA HOUSING, FENCING IMPROVEMENTS  
PALO VERDE VALLEY LAND PURCHASE - 16,000 ACRES  
PALOS VERDES FEEDER REHABILITATION OF DOMINGUEZ CHANNEL  
PALOS VERDES RESERVOIR SPILLWAY MODIFICATION  
PARKER POWER FLOATING BULKHEAD GATE  
PARKER POWER PLANT- AUTOMATION  
PARKER POWER PRELIMINARY STUDIES AND DESIGN  
PARKER POWER TESTING AND BORING  
PARKER POWER, DIVERSION, OUTLET WORKS & POWER HOUSE SUBSTRUCTURE  
PARKER POWERHOUSE STUDIES  
PARKER POWERHOUSE SUPERSTRUCTURE  
PARKWAY CABLE 2300 VOLT - HINDS PUMP PLT  
PERMANENT BUILDING AT CAMINO STATION  
PERRIS VALLEY SIPHON SCHEDULE 22  
PHYSICAL SECURITY CONTROLS FOR IRON MOUNTAIN  
POWER SYSTEM OPERATION  
POWER SYSTEMS SURVEYS  
PRELIMINARY OPERATION (1939-1940)  
PRELIMINARY OPERATION (1941)  
PRELIMINARY OPERATION - TESTING & CONDITIONING (1941)  
PRELIMINARY OPERATIONS  
PRELIMINARY PARKER POWER SURVEYS  
PROJECT MANAGEMENT SUPPORT  
PROTECTION- ACQUEDUCT AND DISTRIBUTION SYSTEM  
PUDDINGSTONE RADIAL GATE REHABILITATION  
PUMP UNIT NO.6 EAGLE MOUNTAIN  
PUMP UNIT NO.6 GENE (SPEC 503)  
PUMP UNIT NO.6 HINDS  
PUMP UNIT NO.6 IRON MOUNTAIN  
PUMP UNIT NO.6 VARIOUS CREDITS  
PUMP UNIT NO.8 WHITSETT (SPEC 503)  
PUMPING EQUIPMENT  
PUMPING EQUIPMENT - VARIOUS PLANTS (RETIRED IN 60/63/67)  
PUMPING PLANT BLDG. ENLARGEMENT FOR UNITS 6-9: INTAKE PUMPING PLNT.-EAGLE  
PUMPING PLANT BLDG. ENLARGEMENT FOR UNITS 6-9: INTAKE PUMPING PLNT.-GENE  
PUMPING PLANT BLDG. ENLARGEMENT FOR UNITS 6-9: INTAKE PUMPING PLNT.-HAYFIELD  
PUMPING PLANT BLDG. ENLARGEMENT FOR UNITS 6-9: INTAKE PUMPING PLNT.-INTAKE  
PUMPING PLANT BLDG. ENLARGEMENT FOR UNITS 6-9: INTAKE PUMPING PLNT.-IRON  
PUMPING PLANT DELIVERY LINE NO.3-EAGLE (ALLOC)  
PUMPING PLANT DELIVERY LINE NO.3-GENE (ALLOC)  
PUMPING PLANT DELIVERY LINE NO.3-HINDS (ALLOC)  
PUMPING PLANT DELIVERY LINE NO.3-INTAKE (ALLOC)  
PUMPING PLANT DELIVERY LINE NO.3-IRON (ALLOC)  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 WHITSETT  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 EAGLE  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 GENE  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 GENERAL  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 GENERAL (SPEC 547)  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 HINDS  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 IRON  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 VARIOUS  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 WHITSETT  
PUMPING PLANTS EXPANSION UNITS NO. 4 &5 INCL. DELIVERY LINE # 2-EAGLE (ALLOC)  
PUMPING PLANTS EXPANSION UNITS NO. 4 &5 INCL. DELIVERY LINE # 2-GENE (ALLOC)  
PUMPING PLANTS EXPANSION UNITS NO. 4 &5 INCL. DELIVERY LINE # 2-HINDS (ALLOC)  
PUMPING PLANTS EXPANSION UNITS NO. 4 &5 INCL. DELIVERY LINE # 2-INTAKE (ALLOC)  
PUMPING PLANTS EXPANSION UNITS NO. 4 &5 INCL. DELIVERY LINE # 2-IRON (ALLOC)  
PURCHASE OF LAND AND RIGHT OF WAY  
QUAGGA MUSSEL STUDY  
R&R FOR CRA  
RADIO COMMUNICATION EQUIPMENT.CHUCKAWALLA PEAK-CRA  
RADIO COMMUNICATION EQUIPMENT.SANTIAGO PEAK-CRA  
RECREATION HALL - CAMINO SWITCHING STATION  
RECREATION HALL, HINDS & EAGLE MTN - CRA (1/2 EACH)  
RECREATIONAL FACIL.AT EAGLE, IRON, HAYFIELD PUMPING PLNTS & CAMINO  
RECREATIONAL FACILITIES AT IRON, EAGLE AND HAYFIELD PUMPING PLANTS  
RED MOUNTAIN POWER PLANT REHABILITATION  
RED MOUNTAIN, OCTOBER 2007 FIRE DAMAGE, COMMUNICATION POWER TOWERS  
RELAY PANELS, ALL PLANTS - CRA  
REMODEL & ENLARGE TEN DISTRICT HOUSES - CRA

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Conveyance and Aqueduct Facilities**

REMODEL DORMITORY-EAGLE MTN VILLAGE  
 REMODEL WESERN PORTION OF DORMITORY, GENE VILLAGE  
 REPAIR DETERIORATED JOINTS IN CRA LAKEVIEW SIPHON  
 REPAIR GATEHOUSE ANCHOR BLOCK- HINDS PLT  
 REPAIR PUMP UNITS GENERAL  
 REPAIR UPPER FEEDER LEAKING EXPANDSION JOINT  
 REPAIRS TO TUNNELS  
 REPLACE 240KV/69KV OIL CIRCUIT BREAKERS AT ALL PUMPING PLTS  
 REPLACE AIR CIRCUIT BREAKERS,UNIT 1 THRU 6 AT ALL FIVE PLANTS (1/5 EACH)  
 REPLACE DOMESTIC WATER SUPPLY - VARIOUS LOCATION  
 REPLACE DOMESTIC WATER SYSTEM  
 REPLACE HOUSES AND SHOPS AT PUMP PLANTS  
 REPLACE INSTR. PANEL-INTAKE IRON, EAGLE, AND HINDS (1/4 EACH)  
 REPLACE WATER FLOWMETER INDICATORS  
 REPLACING STORAGE BATTERIES  
 REROUTING TELEPHONE LINE AT PALM SPRING  
 RESIDENCE 131-W - EAST SIDE CANYON  
 RESIDENCE 141-V - VIDAL  
 RESIDENCE 145-C - COXCOMB  
 RESIDENCES - 2 AT GENE VILLAGE  
 RESIDENCES - 4 AT GENE & 1 AT IRON MOUNTAIN - CRA  
 RETIRED BANNING-VALVERDE TELEPHONE LINE  
 RETIRED LAKE MATHEWS-LA VERNE TELEPHONE LINE  
 RETIRED LAKEVIEW-BEAUMONT TELEPHONE LINE  
 RETIRED SALT LOADING DOCK REPLACED BY E & A 271  
 RETIRED TELEPHONE LINE AT PALM SPRINGS  
 RETIRED VALVERDE-LAKE MATHEWS TELEPHONE LINE  
 RETUBE 24 AIR COOLERS FOR MOTORS,INTAKE P.P & GENE P.P  
 RETUBE COOLERS UNITS 4 & 5, CREDITS-GENE (SPEC 567)  
 RETUBE COOLERS UNITS 4 & 5, GENE (SPEC 567)  
 RETUBE COOLERS UNITS 4 & 5, WHITSETT (SPEC 567)  
 RETUBE MOTOR AIR COOLERS - HINDS AND EAGLE (1/2 EACH)  
 RIALTO FEEDER REPAIR @ STA. 3662+23  
 RIALTO FEEDER REPAIR OF ANOMALOUS PIPE SECTION  
 RIALTO PIPELINE CB-12 ND CB-16 VALVE REPLACEMENT  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - COLORADO RIVER AQUEDUCT  
 RIVERSIDE BADLANDS TUNNEL CONSTRUCTION  
 RIVERSIDE BRANCH - ALESSANDRO BLVD. LEFT LAND TURN LANE  
 RIVERSIDE BRANCH - CONSTRUCTION OF CONTROL PANEL DISPLAY WALL  
 RIVERSIDE NORTH PIPELINE DESIGN & CONSTRUCTION  
 RIVERSIDE SOUTH PIPELINE CONSTRUCTION  
 ROAD MAINTENANCE  
 ROAD SURVEYS  
 ROADS FOR TRANSMISSION LINE SURVEYS  
 RPLCMT.OF TUBES IN 38 MTR.AIR COOLERS ON UNITS 1,2&3-EAGLE & HAYFIELD  
 SALT LOADING DOCK AT MILIGAN- NEAR DANBY DRY LAKE (REPLACE)  
 SALT PRODUCTION PLANT  
 SAN DIEGO PIPELINE REPAIR AT STATION 1268+57  
 SAN FERNANDO TUNNEL STATION 778+80 VALVE REPLACEMENT  
 SAN GABRIEL TOWER SEISMIC ASSESSMENT  
 SAN JACINTO RESERVOIR SERVICE INTERTIE  
 SAN JACINTO RESERVOIR-FISH SCREENS AND CHLORINE EQUIPMENT  
 SAN JACINTO TUNNEL  
 SAN JACINTO TUNNEL EAST ADIT REHABILITATION  
 SAN JACINTO TUNNEL SUBSTATIONS  
 SAN JACINTO TUNNEL, WEST PORTAL  
 SAN JACINTO TUNNEL, WEST PORTAL SEISMIC MODIFICATION  
 SAN JACINTO TUNNEL: ADDITIONAL GROUTING  
 SAN JACINTO TUNNEL: EXPANSION OF SIPHONS (EAST OF TUNNEL)  
 SAN JACINTO TUNNEL:SECOND BARREL OF CASA LOMA SIPHONS  
 SAN JOAQUIN RESERVOIR - NEW DESIGN  
 SAN JOAQUIN RESERVOIR IMPROVEMENT- FLOATING COVER  
 SAN JOAQUIN RESERVOIR IMPROVEMENTS  
 SAN JOAQUIN RESERVOIR IMPROVEMENTS STUDY  
 SAN TIMOTEO CANYON POWER LINES  
 SAND TRAP CLEANING EQUIPMENT AND TRAVELING CRANE STUDY  
 SAND TRAP STUDY  
 SANTA ANA RIVER BRIGDE SEISMIC RETROFIT  
 SANTIAGO TOWER ACCESS ROAD UPGRADE  
 SANTIAGO TOWER PATROL ROAD REPAIR  
 SD5 REPAIR  
 SECOND 230KV TRANSMISSION LINE (SPEC 570)  
 SECOND LOWER FEEDER STRAY CURRENT MITIGATION SYSTEMS REFURBISHMENT  
 SECURITY FENCING AT OC-88 PUMPING PLANT  
 SECURITY SYSTEM UPGRADE PROJECT  
 SEISMIC EVALUATION OF CRA STRUCTURES  
 SEISMIC MODS-ALL 5 PUMP PLT BLDG  
 SEISMIC MODS-DISCHRG PIPLN-ALL PUMPING PLTS  
 SEISMIC PROGRAM  
 SEISMIC UPGRADE OF 11 FACILITIES OF THE CONVEYANCE & DISTRIBUTION SYSTEM  
 SEPULVEDA FEEDER CORROSION INTERFERENCE MITIGATION  
 SEPULVEDA FEEDER REPAIR AT STATION 1099  
 SEPULVEDA FEEDER STRAY CURRENT MITIGATION SYSTEM REFURBISHMENT  
 SERVICE CONNECTION & EOCF #2 METER ACCESS ROAD UPGRADE & BETTERMENT  
 SERVICE CONNECTION DWCV-2T VALVES REPLACEMENT AND STUCTURE CONSTRUCTION  
 SHAVERS SUMMIT ROAD ADVANCE  
 SKINNER BR - IMPROVE CABAZON RADIAL GATE FACILITY  
 SKINNER BRANCH, CASA LOMA CANAL ACOUSTIC METER  
 SKINNER BRANCH, CASA LOMA SIPHON, BARREL ONE BULKHEAD  
 SKINNER ELECTRICAL EQUIPMENT BUILDING 1 & 2  
 STANDBY GENERATOR - IRON MOUNTAIN  
 STANDBY POWER LINE GENE PUMP PLANT - CRA  
 STATION SERVICE RACKS, GENE PUMP PLT- CRA



TABLE 3

## CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS

## Description

**Conveyance and Aqueduct Facilities**

SUBSTATION OPERATORS QUARTERS  
 SUCTION & DISCHARGE LINES EXPANSION JOINT STUDY  
 SURVEYS  
 SVC CONNECT 2ND LOWER FEEDER STA1554+00-1568+50  
 SVC CONNECT CRA EAGLE MTN LANDFILL STA 5585+00-5850+00  
 SVC CONNECT OC FEEDER OC-28A  
 SWITCH HOUSE DOORS AT EAGLE MOUNTAIN & IRON MOUNTAIN  
 SWITCHYARDS AND HEAD GATES REHAB  
 TELEPHONE EQUIPMENT AT BANNING  
 TELEPHONE EQUIPMENT AT CAMPS  
 TELEPHONE LINE OPERATION (1941)  
 TELEPHONE LINE SURVEYS  
 TELEPHONE SYSTEM- GENE,IRON, EAGLE AND HINDS  
 TELEPHONE SYSTEM OPERATION (1933-34)  
 TELEPHONE SYSTEM OPERATION (1935-40)  
 TEMESCAL HYDRO-ELECTRIC PLANT ACCESS ROAD UPGRADE  
 TEMESCAL POWER PLANT ACCESS ROAD PAVING  
 TEMPORARY EMPLOYEE LABOR SETTLEMENT (CARGILL)  
 TEN HOUSES - PUMP PLTS  
 TRANSFORMER OIL & CHEMICAL UNLOADING PAD CONTAINMENT  
 TRANSFORMER OIL AND SODIUM HYPOCHLORITE CONTAINMENT PROJECT  
 TRANSMISSION LINE PATROL ROADS  
 TRANSMISSION LINE SURVEYS  
 TRANSMISSION LINE GROUNDING SYSTEM  
 TRANSMISSION LINE PRELIMINARY OPERATION (1941)  
 TRANSMISSION LINE PRELIMINARY OPERATION (1938-1940)  
 TUNNEL WATER INVESTIGATIONS  
 TV FACILITIES- EAGLE MOUNTAIN PUMPING PLANT  
 TV FACILITIES- GENE PUMPING PLANT  
 TV FACILITIES- HINDS PUMPING PLANT  
 TV FACILITIES- IRON MOUNTAIN PUMPING PLANT  
 TV FACILITIES- VARIOUS PUMPING PLANTS  
 U.S. BUREAU OF LAND MANAGEMENT LAND ACQUISITION  
 UPPER FEEDER CATHODIC PROTECTION SYSTEM  
 UPPER FEEDER GATES REHABILITATION PROJECTS  
 UPPER FEEDER LEAKING EXPANSION JOINT REPAIR  
 VAL VERDE TUNNEL  
 VALLEY BRANCH - PIPELINE CORROSION TEST STATION  
 VALVERDE TO LAKE MATHEWS TELEPHONE LINE  
 VARIOUS POWER LINE EXTENSIONS  
 VARIOUS SPUR TELEPHONE LINES  
 VENTILATION SYSTEM,CABLE TUNNEL - GENE PUMP PLANT - CRA  
 VIDAL WELLS PATROLMAN'S CAMP  
 VOLTAGE REGULATING & SWITCHING EQUIPMENT  
 W. PORTAL SAN JACINTO TUNNEL: ONE HOUSE WITH GARAGE  
 WASTEWATER SYSTEM REHABILITATION  
 WASTEWATER SYSTEM REHABILITATION - GENE/IRON MTN  
 WASTEWATER SYSTEM REHABILITATION - HINDS/EAGLE MTN  
 WATER FLOWMETER, INDICATORS & LIMIT TOTALIZERS - ALL PUMP PLT-CRA (1/5 EACH)  
 WATER METERS AND MOVING MAINS  
 WATER SYSTEM - CAMINO SWITCHING STATION  
 WATER SYSTEM OPERATION  
 WATER SYSTEM SURVEYS  
 WATER TANKS PUMPS  
 WATER TANKS PUMPS ETC  
 WATER TREATMENT FACILITIES  
 WEST EAGLE MOUNTAIN TUNNEL, EAST PORTION  
 WEST EAGLE MOUNTAIN TUNNEL, WEST PORTION  
 WEST VALLEY FEEDER #2 CATHODIC PROTECTION SYSTEM REHABILITATION  
 WHIPPLE MOUNTAIN TUNNEL  
 WHIPPLE SPILLWAY  
 WHITE WATER SIPHON PROTECTION  
 WHITEWATER EROSION PROTECTION STRUCTURE REHABILITATION  
 WHITEWATER SIPHON EROSION PROTECTION  
 WHITEWATER SIPHON PROTECTION STRUCTURE  
 WHITEWATER TUNNELS  
 WHITSETT PUMPING PLANT BUILDING & CONTROL  
 WHITSETT PUMPING PLANT DELIVERY PIPES  
 WHITSETT PUMPING PLANT FENCING  
 WHITSETT PUMPING PLANT MISCELLANEOUS FEATURES  
 WHITSETT PUMPING PLANT PUMPING EQUIPMENT

***Sub-total Conveyance and Aqueduct facilities costs*****\$ 90,887,289**

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

102723 ALL FACILITIES, INSPECTION AND REPLACEMENT OF CRITICAL VACUUM VALVES  
102896 - SAN DIEGO PIPELINE 3 BYPASS  
103021 SKINNER FILT PLT, SLUDGE HANDLING FACILITY MODIFICATIONS  
103141 MILLS FILT PLT, IMPVMNTS PRGRM, ELEVATED COAGULATION AND SLUDGE STUDY  
103164 BASIN DROP GATES REPLACEMENT  
103179 CRA PUMPING PLANT RELIABILITY PROGRAM - CIRCULATING WATER SYSTEM REHAB  
103181 WEST VALLEY FEEDER 1, STAGE 2. VALVE STRUCTURE MODIFICATIONS  
103183 SUCTION AND DISCHARGE LINES - EXPANSION JOINT REPAIRS  
103222 JENSEN TREATMENT PLANT - SOLIDS DEWATERING FACILITY AND LAGOONS  
103254 MILLS FILT PLT, IMPROVEMENTS PROGRAM, MODULE 2 REHABILITATION  
103270 WEYMOUTH IMPROVEMENT PROGRAM, REPLACE SURFACE WASH HEADER PIPELINE  
103334 CRA-SWITCHYARDS AND HEAD GATES REHABILITATION  
103343 DISTRIBUTION SYSTEM EQUIPMENT AND INSTRUMENTATION UPGRADES  
103345 MILLS MODULES 3 AND 4 TURBIDITY METERS AND GAS DETECTORS REPLACE  
103372 SAN DIEGO CANAL LINER REPAIR  
103373 LAKE SKINNER EASE BYPASS SCREENING STRUCTURE REHABILITATION  
103374 SAN DIEGO CANAL-SODIUM BISULFITE FEED SYSTEM UPGRADE  
103391 PALOS VERDES RESERVOIR COVER AND LINER REPLACEMENT  
103401 REPLACE FLOCULATORS AND TUBE SETTLERS AT WWRP NO.2  
103484 RIALTO FEEDER, REPAIRS AT SELECT LOCATIONS  
103526 MILLS FILTRATION PLANT, UPC 480V SYSTEM UPGRADE, STUDY  
103531 ORANGE COUNTY FEEDER LINING REPAIR - REACH 2  
103569 JENSEN MODULE NO. 1 FILTER VALVE REPLACEMENT  
103608 DESERT AIRFIELDS IMPROVEMENT  
103622 DIEMER TREATMENT PLANT, VEHICLE MAINTENANCE CENTER, CONSTRUCTION  
103739 COPPER BASIN RESERVOIR OUTLET STRUCTURE REHABILITATION  
103749 CRA TRANSITION STRUCTURE AND MANHOLE COVERS  
103754 CAST-IRON BLOW OFF REPLACEMENT, PHASE 4  
103760 DANBY TOWERS FOUNDATION REHABILITATION  
103777 SKINNER WATER TREATMENT PLANT-WIDE REPLACEMENT OF TURBIDIME  
103781 SKINNER ELECTRICAL BUILDING AND GROUND FAULT PROTECTION UPGRADE  
103791 MILLS INDUSTRIAL WASTEWATER IMPROVEMENTS  
103803 GARVEY RESERVOIR AUTOMATED DATA ACQUISITION SYSTEM (ADAS) REPLACEMENT  
103805 YORBA LINDA POWER PLANT MODIFICATIONS  
103880 WEYMOUTH FILTER REHABILITATION DEMONSTRATION  
103887 SKINNER FINISHED WATER RESERVOIR COVER REPLACEMENT  
103888 IT SYSTEM, COMMUNICATION INFRASTRUCTURE RELIABILITY UPGRADE  
103893 JENSEN MODULE 1 FILTERS SURFACE WASH SYSTEM UPGRADES  
103924 HYDROELECTRIC POWER DEVELOPMENT, FEASIBILITY STUDY  
103940 WEYMOUTH PERIMETER IMPROVEMENTS, PHASE II CONSTRUCTION  
104002 OLINDA PRESSURE CONTROL FACILITY PAVEMENT REHAB  
104026 RED MTN-OCT 07 FIRE DAMAGE COMM PWR TOWERS & METER STRUCT REPLACE  
104058 SKINNER COMPLETION PROJECT IMPROVEMENT  
104090 INTAKE PUMPING PLANT 2.4KV POWER LINE RELOCATION  
104115 SKINNER THICKENER PUMPS REPLACEMENT  
104128 SANTA ANA RIVER BRIDGE SEISMIC RETROFIT  
104172 EAGLE MOUNTAIN PUMPING PLANT STANDBY DIESEL ENGINE GENERATOR REPLACE  
104198 ETIWANDA PIPELINE - LINING REPLACEMENT  
104210 COLLIS VALVE REPLACEMENT  
104226 ORANGE COUNTY FEEDER RELOCATION IN FULLERTON  
104235 ETIWANDA CAVITATION FACILITY INFRASTRUCTURE REHABILITATION  
104267 DVL CONTROL & PROTECTION UPGRADE  
104269 MILLS SODIUM HYDROXIDE TANK REPLACEMENT  
104273 HINDS PUMPING PLANT STANDBY GENERATOR REPLACEMENT  
104280 IRON MOUNTAIN PUMPING PLANT HOUSING REPLACEMENT  
104284 DIEMER ELECTRICAL IMPROVEMENTS - STAGE 2  
104296 IRON MOUNTAIN SERVICE PIT REHABILITATION  
104320 ENHANCED AUTOMATIC FLOW TRANSFER SOFTWARE REDEVELOPMENT  
104323 PALOS VERDES RESERVOIR HYPOCHLORITE FEED SYSTEM UPGRADE  
104324 SAN JACINTO EAST ADIT REHABILITATION  
104335 GLENDALE - 01 SERVICE CONNECTION REHABILITATION  
104340 OPERATIONS CONTROL CENTER UPS REPLACE  
104370 TEMESCAL AND CORONA POWER PLANT STANDBY GENERATOR REPLACEMENT  
104384 DIEMER SUPERMATANT PUMP STATION IMPROVEMENTS  
104387 DVL INLET/OUTLET TOWER FISH SCREEN REPLACEMENT - CONSTRUCTION  
104408 JULIAN HINDS PUMPING PLANT DELIVERY PIPE EXPANSION JOINT PHASE REPAIR  
104414 OC FEEDER CATHODIC PROTECTION SYSTEM REHABILITATION  
104421 SKINNER SOLIDS HANDLING PUMPS AT WWRK#3  
104422 DIEMER TUNNEL CHLORINE DETECTION SYSTEM INFRASTRUCTURE  
104433 LAKEVIEW PIPELINE LEAK REPAIR AT STA. 2510+49  
104434 WADSWORTH PUMPING PLANT CONTROL AND PROTECTION, PRELIMINARY DESIGN  
104437 SKINNER SOLIDS HANDLING IMPROVEMENTS  
104448 CRA CANAL IMPROVEMENTS  
104466 OAK STREET PRESSURE CONTROL STRUCTURE VALVE ACTUATOR  
104475 ROW INFRASTRUCTURE PROTECTION PROGRAM WESTERN SAN BERNARDINO STAGE 1  
104477 ROWIPP PROGRAMMATIC ENVIRONMENTAL DOCUMENT  
104480 OAK STREET PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
104486 WEYMOUTH WATER TREATMENT PLANT DOMESTIC AND FIRE WATER SYSTEM IMPROVEMENT  
104487 WEYMOUTH DOMESTIC WATER PIPELINE REPLACEMENT  
104490 PERRIS PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
104493 COYOTE PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
104500 SKINNER MODULE 7 SODIUM HYPOCHLORITE PIPING RETROFIT  
104509 ORANGE COUNTY C&D REGION SERVICE CENTER  
104515 CRA IRON MOUNTAIN SUCTION JOING REFURBISHMENT PILOT  
104517 SCADA COMMUNICATION MPLS UPGRADE-AT&T REGION

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

104521 CAJALCO CREEK DAM MANHOLE COVER RETROFIT  
104523 SKINNER OZONE CONTRACTOR SAMPLE PIPING AND TRACER PIPING  
104539 CARBON CREEK PRESSURE CONTROL STRUCTURE SEISMIC ASSESSMENT  
104561 WEST VALLEY FEEDER NO. 1 - STAGE 2 VALVE STRUCTURE MODIFICATIONS  
104566 GARVEY RESERVOIR SITE DRAINAGE REPAIRS AND MODIFICATIONS  
104567 SITES 1 & 2 SECOND LOWER FEEDER URGENT REPAIRS  
104568 SITE 3 SECOND LOWER FEEDER URGENT REPAIRS  
104574 EAST ROLLUP PARKING DOOR AT HEADQUARTERS  
104578 NEW HOUSE AT HINDS PUMP PLANT VILLAGE  
104579 CONTROL SYSTEM SERVER REPLACEMENT  
104590 GENE PUMPING PLANT EXPANSION JOINT REHABILITATION  
104592 WEYMOUTH CAKE PUMP DRIVE SYSTEM FOR BELT PRESSES NOS 1-3  
104593 DIEMER CHLORINE MASS FLOW METER REPLACEMENT  
104594 DIEMER MAGNETIC FLOW METER UPGRADE  
104595 - DIEMER PLANT FLORESCENT LIGHTING IMPROVEMENTS  
104599 CAJALCO CREEK AND LAKE MATHEWS ADAS REPLACEMENT PROJECT  
104603 GARVEY RESERVOIR WATER QUALITY LABORATORY REHABILITATION  
104610 TEMESCAL HYDRO ELECTRIC PLANT ROOF REPLACEMENT  
104611 CORONA HYDRO ELECTRIC PLANT ROOF REPLACEMENT  
104612 - TEMESCAL HEP COOLING/SEAL WATER LINE REPLACEMENT  
104613 - CORONA HEP COOLING/SEAL WATER LINE REPLACEMENT  
104619 ACCESS RD FOR W VALLEY FEEDER NO. 1 & @UPPER PORTION OF E PORTAL RD. IMP  
104622 LAKE MATHEWS HYDROELECTRIC PLANT REPAIRS  
104625 BERNASCONI TUNNEL LINING  
104634 GREGG AVENUE PRESSURE CONTROL STRUCTURE-PUMP MODIFICATIONS  
104643 CRA OVER-CURRENT RELAY REPLACEMENT  
104646 WADSWORTH PUMPING PLANT CONTROL AND PROTECTION UPGRADES  
104648 CARBON CREEK PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
104654 SKINNER SPARGER PUMP REPLACEMENT  
104655 ESTRN REG DIST SYS CATHODIC PROTECTION REMOTE MONITORING REFURB  
104658 WSTRN REG DIST SYS CATHODIC PROTECTION REMOTE MONITORING REFURB  
104661 SAN DIEGO PIPELINE NO. 3 PIPING MODIFICATIONS  
104679 SKINNER RESERVOIR INFLUENT CONDUIT LOW FLOW CHEMICAL MIXING SYSTEM  
104682 IT NETWORK RELIABILITY UPGRADES  
104685 WILLITS ST. PCS VALVE ACTUATOR REPLACEMENT  
104686 MIDDLE FEEDER S BLOWOFF VALVE REPLACE AT STA. 782+54 (3RD LOW BIDDER)  
104689 SEISMIC UPGRADES AT 10 SERVICE CONNECTION STRUCTURES ALONG AMP  
104693 WEYMOUTH EAST WASHWATER TANK PUMP REPLACEMENT  
104703 PCCP REHABILITATION - PROGRAM MANAGEMENT  
104704 PCCP REHABILITATION - PROGRAM CEQA  
104712 CASA LOMA SIPHON NO. 1, CASA LOMA CANAL & SAN DIEGO CANAL FLOW METER REPL  
104713 AMR SERVER AND SYSTEM UPGRADE (MINOR CAP)  
104718 AMR CELLULAR MODEM UPGRADE  
104731 - WR-24D FLOWMETER REPLACEMENT  
104732 EAGLE MTN PUMPING PLANT VILLAGE - POTABLE WATER LINE REPLACEMENT PRJ  
104735 GARVEY RESERVOIR FENCING AND PEST BARRIER  
104742 CRA DELIVERY LINE REHABILITATION  
104748 - ETIWANDA SF6 CIRCUIT BREAKER REFURBISHMENT  
104753 SKINNER CONTRACTOR CONCRETE MAINTENANCE  
104754 SKINNER REC PLANT 3 - REPLACE SHAFT SLEEVES AND BEARINGS  
104759 GARVEY RESERVOIR CONTROL VALVES REPLACEMENT  
104760 SEPULVEDA FEEDER PCCP 2016 URGENT REPAIRS  
104763 LAKE MATHEWS HEADWORKS FOREBAY LINER & OUTLET TOWER REPAIR  
104766 MIDDLE FEEDER RELOCATION FOR SCE MESA SUBSTATION  
104771 ETIWANDA AUTOMATIC VOLTAGE REGULATOR REPLACEMENT  
104772 SKINNER PLANT 1 MODULE 3 ELECTRICAL RACEWAY REPLACEMENT  
104774 DIEMER ELECTRICAL UPGRADES AT LAGOON 4  
104775 DIEMER UPS REPLACEMENT  
104777 JENSEN PLANT THICKENER 3&4 REFURBISHMENT  
104783 LAKE MATHEWS HEAVY AND LIGHT VEHICLE SHOP PROPANE TANKS  
104794 SECOND LOWER FEEDER PCCP 2016 URGENT REPAIRS  
104796 RIALTO PIPELINE CB-12 ND CB-16 VALVE REPLACEMENT  
104797 JENSEN CHLORINE EJECTOR MODIFICATIONS  
104798 ORANGE COUNTY C&D UPS REPLACEMENT  
104808 ALLEN MCCOLLOCH PIPELINE OC-76 TURNOUT RELOCATION  
104818 SANTIAGO LATERAL STA. 364+04 PIPE EXPOSURE  
104821 ELECTRICAL UPGRADES AT 15 STRUCTURES , OC REGION  
104823 WADSWORTH PUMPING PLANT YARD PIPING LINING REPAIRS  
104826 SKINNER BELT FILTER PRESS REHABILITATION  
104827 SKINNER PLANT 1 LOSS OF HEAD ULTRASONIC METER REPLACEMENT  
104828 HEADQUARTERS LOADING DOCK OVERHEAD GATE REPLACEMENT  
104835 DIAMOND VALLEY AREA ACOUSTIC FLOWMETER REPLACEMENT  
104837 HQ DATACENTER SAN UPGRADE PHASE 1  
104839 JENSEN OZONE SYSTEM PLC CONTROL & COMMUNICATION  
104841 WEYMOUTH FLOCCULATOR REHABILITATION  
104843 CASA LOMA SIPHON BARREL NO. 1 - SEISMIC UPGRADES  
104846 CRA CIRCULATING WATER SYSTEM SODIUM HYPOCHLORITE TANK REPLACEMENT  
104850 SCADA RTU CPU & OS UPGRADE  
104852 LAKE SKINNER C&D BUILDING REHABILITATION  
104856 SANTA ANA RIVER BRIDGE EXPANSION JOINT REPLACEMENT  
104857 WADSWORTH PUMPING PLANT CONTROL AND PROTECTION UPGRADES  
104866 REFURBISH OC-88 P-3000 & P-4000  
104867 JENSEN FLUORIDE TANK REPLACEMENT  
104868 JENSEN FILTER BACKWASH BIOLOGICAL CONTROL SYSTEM

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

104870 EAST OC FEEDER NO. 2 SERVICE CONNECTION A-06  
 104872 SITES 1 & 2 SECOND LOWER FEEDER URGENT REPAIRS  
 104873 SITES 3 SECOND LOWER FEEDER URGENT REPAIRS  
 104875 SECOND LOWER FEEDER PCCP REHABILITATION  
 104876 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 2  
 104877 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 3  
 104881 SECOND LOWER FEEDER PCCP REHABILITATION  
 104883 SECOND LOWER FEEDER PCCP REHABILITATION - REAL PROPERTY ACQUISITION  
 104888 REFURBISH TEMESCAL HYDROELECTRIC GENERATOR COOLERS  
 104889 REFURBISH CORONA HYDROELECTRIC GENERATOR COOLERS  
 104890 COPPER BASIN SODIUM HYPOCHLORITE TANK REPLACEMENT  
 104894 CB-20 AND PM-26 FLOWMETER REPLACEMENT  
 104900 CRA AND IRON MOUNTAIN RESERVOIR PANEL REPAIRS  
 104901 DVL VIEWPOINT ROAD SECURITY UPGRADES  
 104902 CRA HOUSING IMPROVEMENTS - RENOVATION OF HOUSES  
 104905 SERVICE CONNECTION LA-35 SLIDE GATE OPERATOR  
 104910 DVL VISITOR CENTER EXTERIOR LIGHTING REPLACEMENT  
 104914 FAIRPLEX AND WALNUT PCS VALVES REPLACEMENT  
 104917 HINDS POOL REFURBISHMENT  
 104921 EAGLE MOUNTAIN POOL REFURBISHMENT  
 104924 WEST VALLEY FEEDER NO. 1 - DE SOTO VALVE STRUCTURES IMPROVEMENTS  
 104927 CASA LOMA CANAL PANEL REPAIR  
 104939 VALLEY VIEW HYDROELECTRIC GENERATOR REFURBISHMENT  
 104942 EAGLE ROCK OPERATION CONTROL CENTER & INCIDENT COMMAND CENTER ROOF REPL.  
 104958 SKINNER ORP SWITCHGEAR BATTERY REPLACEMENT  
 104961 LAKE MATHEWS FENCING SECURITY UPGRADE  
 104965 SERVICE CONNECTION CENB-29 EQUIPMENT RELOCATION  
 104971 SKINNER SPILLWAY REHABILITATION  
 104976 WATER ORDERING & EVENT SCHEDULING SYSTEM  
 105001 SERVICE CONNECTION WB-2A & WB-2B EQUIPMENT RELOCATION  
 105002 SEPULVEDA WEST VALLEY, AND EAST VALLEY FEEDERS INTERCONNECTION  
 105003 LEARNING MANAGEMENT (LMS) UPGRADE  
 105006 SEPULVEDA FEEDER PCCP DEL AMO BLVD. URGENT REPAIR  
 105009 CRA INTAKE BUOY LINE REPLACEMENT  
 105023 SCADA NETWORK FIBER OPTIC SWITCH REPLACEMENT  
 105026 SKINNER ELECTRICAL EQUIPMENT BUILDING 1 & 2  
 105029 SKINNER ACCUSONIC FLOWMETER REPLACEMENT  
 105039 FOOTHILL FEEDER - CASTAIC VALLEY BLOW-OFF VALVES REPLACEMENT  
 105060 CRA-WHITEWATER EROSION PROTECTION STRUCTURE  
 105061 LOWER FEEDER STANDPIPE #22 REHABILITATION  
 105064 OC 88 FIRE SYSTEM PROTECTION UPGRADES  
 105070 SERVICE CONNECTION FLOWMETER REPLACEMENT  
 105098 LOWER FEEDER BLOW-OFF DRAIN LINE REPLACEMENTS  
 105101 JENSEN FILTER EFFLUENT TURBIDIMETER RELIABILITY  
 105107 LA VERNE BUILDING 40 COMPRESSED AIR UPGRADES  
 105108 INTAKE BANK PHASE 2 PHASE C TRANSFORMER REHABILITATION  
 105110 MILLS EMERGENCY GENERATOR PLC UPGRADE  
 105114 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 8  
 105118 PERRIS BYPASS PIPELINE SUMP PUMP REPLACEMENT  
 105123 CENTRAL BASIN 48 BUBBLER AREA ACCESS IMPROVEMENTS  
 105137 RIALTO FEEDER STA 3820+00 MANHOLE REPLACEMENT  
 105164 SAN DIEGO PIPELINE 1 RAINBOW TUNNEL LINER REHABILITATION  
 105167 SAN GABRIEL PCS ELECTRICAL REPLACEMENTS  
 105172 ALLEN MCCOLLOCH PIPELINE PCCP 2021 URGENT RELINING  
 105195 RIALTO FEEDER VALVE REPLACEMENT  
 105201 OC-89 AND OC-90 FLOW METER REPLACEMENT  
 105203 ETIWANDA PIPELINE LINING REPLACEMENT - STAGE 3  
 105235 SEPULVEDA HEP TAILRACE COATINGS  
 105240 WEST VALLEY FEEDER NO. 1 STRUCTURES - PIPING IMPROVEMENTS  
 105292 WEST ORANGE COUNTY FEEDER BLOWOFF DRAIN LINE REHAB ENGINEERING CHANGE  
 105300 WB-06B METER REPLACEMENT PROJECT  
 105353 FOOTHILL FEEDER EXPOSURE  
 105369 UPPER FEEDER EMERGENCY EXPANSION JOINT REPLACEMENT  
 105393 SEPULVEDA CANYON PCS TO VENICE PCS VALVE REPLACEMENTS  
 105409 SAN DIEGO CANAL CONCRETE LINER REPAIR SITE 622  
 105443 SEPULVEDA FEEDER CFRP URGENT RELINING  
 108TH STREET PRESSURE CONTROL STRUCTURE REHABILITATION  
 108TH STREET PRESSURE CONTROL STRUCTURE VALVE REPLACEMENT  
 109907 DVL VISITOR'S CENTER IMPROVEMENTS  
 15112 JENSEN PLT. SEC SYS  
 15114 GARVEY RESERVOIR O&M CENTER  
 15120 MILLS FILT PLT, EXPANSION 2  
 15121 SAN DIEGO PIPELINE 6  
 15122 INLAND FEEDER PROGRAM  
 15123 DIAMOND VALLEY LAKE PROGRAM  
 15125 ETIWANDA POWER PLANT  
 15143 PRELIMINARY STUDY FOR PERRIS AREA  
 15144 PRELIMINARY STUDY FOR LK MATHEWS & WEYMOUTH  
 15162 WEST VALLEY AREA STUDY  
 15173 JENSEN & MILLS FILT PLTS, ORP  
 15221 FEASIBILITY STUDY OF FOOTHILL AREA STUDY  
 15222 WATER QUALITY, DEMONSTRATION, SCALE TESTING  
 15247 UNION STATION LONG-TERM HEADQUARTERS FACILITY  
 15275 WATER QUALITY, CRYPTOSPORIDIUM ACTION PLAN

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

15305 MILLS FILT PLT, FINAL DESIGN AND CONSTRUCTION OF WAREHOUSE  
 15318 SAN DIEGO PPLN 3 BYPASS  
 15334 DIAMOND VALLEY LAKE RESERVOIR RECREATION PLAN  
 15346 CHLORINE CONTAINMENT & HANDLING FACILITY  
 15363 DIEMER TP, SOLIDS HANDLING & WATER RECLAMATION  
 15369 WEYMOUTH TREATMENT PLANT, CAPITAL IMPROVEMENT PROGRAM, PHASE I  
 15379 YORBA LINDA FEEDERBYPASS  
 15388 SKINNER FILT PLT, ORP  
 15389 DIEMER FILT PLT, ORP  
 15391 POWER RELIABILITY AND ENERGY CONSERVATION  
 15410 SKINNER FILT PLT, EXPANSION 4  
 15414 ALL FILTRATION PLANTS, FLOURIDATION SYSTEM  
 15427 RIALTO PIPELINE IMPROVEMENTS  
 15447 QUAGGA MUSSEL CONTROL PROGRAM  
 15450 AGREEMENT WITH ALAMEDA CORRIDOR EAST CONSTRUCTION AUTHORITY  
 1ST BBL 1ST SAN DIEGO AQUEDUCT CAPITAL OBLIGATION  
 2ND BBL 1ST SAN DIEGO AQUEDUCT CAPITAL OBLIGATION  
 2ND LWR FDR, W. ORANGE CNTY. FDR. INTERCONN. STRUCT. INSTALL REM. CTRL.  
 2ND S D AQUEDUCT: 6 13" PIPE SIPHONS-STA. BET. 244+04-979+32 (SCH SDXP)  
 42" CONICAL PLUG VALVE REPLACEMENT  
 A-02  
 A-05  
 A-06  
 ACCESS ROAD FOR WEST VALLEY FEEDERS 1 & 2 UPPER PORTION OF EAST POTAL RD. IMPROV  
 ACCUSONIC FLOW METER UPGRADE  
 ACCUSTIC FIBER OPTIC MONITORING OF PCCP LINES  
 ACOUSTIC FIBER MONITORING OF PCCP LINES  
 ADVANCED WATER TREATMENT DEMONSTRATION FACILITY  
 ALAMEDA CORRIDER-EAST (ACE) CONSTRUCTION AUTHORITY RELOCATION/ORANGE CTY FEEDER  
 ALAMEDA CORRIDOR PIPELINE  
 ALL AMERICAN COACHELLA LINING  
 ALL FACILITIES - WATER DISCHARGE ELIMINATION  
 ALL FACILITIES, INSPECTION AND REPLACEMENT OF CRITICAL VACUUM  
 ALL FACILITIES, INSPECTION AND REPLACEMENT OF CRITICAL VACUUM VALVES  
 ALL FEEDERS - MANHOLE LOCKING DEVICE RETROFIT  
 ALL PUMP PLTS, REPL CO2 CYLINDERS, REHAB CONTROLS  
 ALL PUMPING PLANTS - INSTALL HYPOCHLORINATION STATIONS  
 ALLEN MCCOLLOCH PIPELINE 2010 REFURBISHMENT  
 ALLEN MCCOLLOCH PIPELINE CATHODIC PROTECTION  
 ALLEN MCCOLLOCH PIPELINE INTERCONNECTIONS  
 ALLEN MCCOLLOCH PIPELINE LOCAL CONTROL MODIFICATIONS  
 ALLEN MCCOLLOCH PIPELINE PCCP 2021 URGENT RELINING  
 ALLEN MCCOLLOCH PIPELINE PCCP REHABILITATION- 2021 URGENT RELINING  
 ALLEN MCCOLLOCH PIPELINE REPAIR  
 ALLEN MCCOLLOCH PIPELINE REPAIR - CARBON FIBER LINING REPAIR  
 ALLEN MCCOLLOCH PIPELINE REPAIR - SERVICE CONNECTIONS UPGRADES  
 ALLEN MCCOLLOCH PIPELINE REPAIR - STATION 276+63  
 ALLEN MCCOLLOCH PIPELINE REPAIR - SURGE SUPPRESSION SYSTEM AT OC88A  
 ALLEN MCCOLLOCH PIPELINE REPAIR - VALVE ACTUATOR REPLACEMENTS  
 ALLEN MCCOLLOCH PIPELINE REPAIR SERVICE CONNECTIONS SIMPLIFICATION  
 ALLEN MCCOLLOCH PIPELINE REPAIRS, STAGE 2  
 ALLEN MCCOLLOCH PIPELINE STRUCTURE - ROOF SLAB REPAIRS  
 ALLEN MCCOLLOCH PIPELINE VALVE VAULT REPAIRS  
 ALLEN MCCOLLOCH PIPELINE, 2010 URGENT REPAIRS  
 ALLEN MCCOLLOCH PIPELINE, STA 208+00 TO 226+00  
 ALLEN MCCOLLOCH PIPELINE, VALVE VAULT REPAIRS  
 ALLEN MCCOLLOCH PPLN (AMP), FLOW CONTROL MODIFICATION  
 ALLEN MCCOLLOCH PPLN STRUCTURE, ROOF SLAB REPAIRS  
 ALLEN MCCOLLOCH PIPELINE (AMP) FLOWMETERS UPGRADE  
 ALLEN-MCCOLLOCH CORROSION/INTERFERENCE MITIGATION, STATION 719+34 TO 1178+02  
 ALLEN-MCCOLLOCH PIPELINE  
 ALLEN-MCCOLLOCH PIPELINE OC-76 TURNOUT RELOCATION  
 ALLEN-MCCOLLOCH PIPELINE PCCP CARBON FIBER JOINT REPAIRS  
 ALLEN-MCCOLLOCH PIPELINE PCCP CARBON FIBER JOINT REPAIRS  
 ALLEN-MCCOLLOCH PIPELINE PCCP REHAB. - PRELIMINARY DESIGN  
 ALLEN-MCCOLLOCH PIPELINE PCCP REHABILITATION  
 ALLEN-MCCOLLOCH PIPELINE REFURBISHMENT - STAGE 2  
 ALLEN-MCCOLLOCH PIPELINE REPAIR  
 ALLEN-MCCOLLOCH PIPELINE REPAIR, VALVE ACTUATOR (103289)  
 ALLEN-MCCOLLOCH PIPELINE REPAIRS  
 ALLEN-MCCOLLOCH PIPELINE VALVE AND SERVICE CONNECTION VAULT REPAIRS  
 ALLEN-MCCOLLOCH PIPELINE  
 ALLEN-MCCOLLOCH PIPELINE-DOWN PAYMENT  
 A-MISC  
 AMP - CURRENT YEAR  
 AMP -SERVICE CONNECTIONS UPGRADES  
 AMP -VALVE ACTUATOR REPLACEMENTS  
 AMP CARBON FIBER LINING  
 AMP COMPLETION RESOLUTION RIGHT OF WAY ISSUES  
 AMP SERVICE CONNECTION UPGRADES  
 AMP, BAKER INTERCONNECTIONS  
 AMR - RTU UPGRADE - PHASE 2  
 ANODE WELL REPLACEMENT FOR ORANGE COUNTY AND RIALTO FEEDERS  
 APPIAN WAY VALVE REPLACEMENT

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

ARROW HIGHWAY PROPERTY DEVELOPMENT  
 ARROYO SECO SPILLWAY REVISION  
 ASPHALT REHABILITATION AT WEYMOUTH FINISHED WATER RESERVOIR  
 ASPHALT REPAIRS TO PERIMETER OF SEPULVEDA PCS  
 ASSESS THE CONDITION OF METROPOLITAN'S PRESTRESSED CONCRETE CYLINDER PIPE  
 ASSESS THE CONDITIONS OF MET'S  
 ASSESSMENT OF PRESTRESSED CONCRETE CYLINDER PIPELINES - PHASE 3  
 AULD VALLEY CONTROL STRUCTURE AREA FACILITIES  
 AULD VALLEY PIPELINE  
 AULD VALLEY PIPELINE, STA 74+98.55  
 AUTOMATED RESERVOIR WATER QUALITY MONITORING  
 AUTOMATIC METER READING SYSTEM - RTU UPGRADE PHASE 2  
 AUTOMATIC METER READING SYSTEM UPGRADE  
 AUTOMATIC METER READING UPGRADE  
 AUTOMATION COMMUNICATION UPGRADE  
 AUTOMATION DOCUMENTATION SURVEY F/A  
 AUXILIARY SPILLWAY AT SANTA ANA RIVER  
 B-02  
 B-03  
 B-05  
 BAR 97- ENHANCED AREA VEHICLE TESTING  
 BAR 97, ENHANCED AREA VEHICLE TESTING  
 BATTERY MONITORING SYSTEM FOR AUTOMATIC METER READING SYSTEM  
 BH-01  
 BH-02  
 BIXBY VALVE REPLACEMENT  
 BLACK METAL MOUNTAIN ELECTRICAL TRANSFORMER  
 BOX SPRING FEEDER REPAIR, PHASE 2  
 BOX SPRINGS FDR AND CONTROL STRUCTURE-PRESSURE CONTL STRUC  
 BOX SPRINGS FEEDER - PHASE I  
 BOX SPRINGS FEEDER AND CONTROL STRUCTURE-SCH 317  
 BOX SPRINGS FEEDER AND CONTROL STRUCTURE-SCH 318  
 BOX SPRINGS FEEDER BROKEN BACK REPAIR  
 BOX SPRINGS FEEDER BROKEN BACK REPAIR PHASE I  
 BOX SPRINGS FEEDER PHASE 3 AND 4 ENVIRONMENTAL MITIGATION  
 BOX SPRINGS FEEDER PHASE 3 AND 4 ENVIRONMENTAL MONITORING  
 BOX SPRINGS FEEDER REPAIR  
 BOX SPRINGS FEEDER REPAIR - PHASE II  
 BOX SPRINGS FEEDER REPAIRS PHASE 3 AND PHASE 4  
 BOX SPRINGS FEEDER SECTION REPLACEMENT, PHASE 3 AND PHASE 4  
 BOX SPRINGS FEEDER, STA 453+00 TO 466+00  
 BOX SPRINGS FEEDER-PROT STA 18+70 TO 19+30 & 21+05 TO 21+65  
 BOX SPRINGS FEEDER-PROT STA 18+70 TO 19+30 & 21+05 TO 21+66  
 BREA LATERAL  
 BURBANK LATERAL SCHEDULE 38SC  
 BURBANK LATERAL EXTENSION  
 C&D CRANE INSTALLATION AT OC-88 PUMPING PLANT  
 C-02  
 C-03  
 CA-01  
 CA-02  
 CAJALCO CREEK DAM MANHOLE COVER RETROFIT  
 CAJALCO CREEK DETENTION DAM  
 CAJALCO CREEK DETENTION DAM SPILLWAY ACCESS ROAD  
 CAL-01  
 CALABASAS FEEDER CARBON FIBER /BROKEN BACK REPAIR  
 CALABASAS FEEDER ENHANCEMENT  
 CALABASAS FEEDER INTERFERENCE MITIGATION  
 CALABASAS FEEDER PCCP REHABILITATION - PRELIMINARY DESIGN  
 CALABASAS FEEDER PCCP REHABILITATION  
 CALABASAS FEEDER REPAIR, STUDY  
 CALABASAS FEEDER STAGE 1 AND 2 REPAIRS  
 CALABASAS FEEDER STRAY CURRENT DRAIN STATION, CONST. PHASE  
 CANAL OUTLET AND SCREENING STRUCTURE (SCH 5)  
 CAPACITY FEE FROM CASTAIC LAKE WATER AGENCY FOR USE OF FOOTHILL FDR  
 CAPITAL PROGRAM FOR PROJECTS COSTING LESS THAN \$250,000  
 CAPITAL PROGRAM FOR PROJECTS COSTING LESS THAN \$250,000 FOR FY 2010/11  
 CAPITAL PROJECTS COSTING LESS THAN \$250,000 FOR FY2008-09  
 CARBON CREEK MAINTENANCE CENTER  
 CARBON CREEK PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
 CARBON CREEK PRESSURE CONTROL STRUCTURE SEISMIC ASSESSMENT  
 CARBON CREEK PRESSURE CONTROL STRUCTURE SEISMIC RETROFIT  
 CASA LOMA AND SAN DIEGO CANAL LINING STUDY - PART 2  
 CASA LOMA CANAL PANEL REPAIR  
 CASA LOMA CANAL, SCHEDULE 11C (SPEC NO. 554)  
 CASA LOMA SIPHON #1 & SAN JANCINTO PIPELINE PROTECTION  
 CASA LOMA SIPHON BARREL 1 & 2 DVL AND SD CANAL FLOW METER REPLACEMENT  
 CASA LOMA SIPHON BARREL NO. 1 - PERMANENT REPAIRS  
 CASA LOMA SIPHON BARREL NO. 1 JOINT REPAIR  
 CASA LOMA SIPHON NO 1, CASA LOMA CANAL & SAN DIEGO CANAL FLOW METER REPLACEMENT  
 CASA LOMA SIPHON NO. 1, CASA LOMA CANAL & SAN DIEGO CANAL FLOW METER REPLACEMENT  
 CASTAIC SIPHONS & PIPELINES(FOOTHILL FDR.) SCH. 201,203,204,206,207 & 209  
 CASTAIC, SAUGUS, PLACERITA TUNNELS  
 CAST-IRON BLOW OFF REPLACEMENT, PHASE 4



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

CATHODIC PROTECTION SYS & STRAY CURRENT RIALTO PPLNS  
 CATHODIC PROTECTION FOR THE FOOTHILL FEEDER  
 CATHODIC PROTECTION RECTIFIERS  
 CATHODIC PROTECTION SYS. UPGRADES FOR THE MIDDLE CROSS FEEDER  
 CATHODIC PROTECTION SYSTEM EAST ORANGE COUNTY FDR NO. 2  
 CATHODIC PROTECTION SYSTEM UPGRADES  
 CB-01  
 CB-03  
 CB-05  
 CB-07  
 CB-09  
 CB-10  
 CB-12  
 CB-16  
 CB-20 AND PM-26 FLOWMETER REPLACEMENT  
 CB-MISC  
 CCP-PHASE 2 CONSTRUCTION  
 CDAA REIMBURSABLE DECEMBER 2011 STORM DAMAGE  
 CDAF FLUORIDATION TREATMENT PLT  
 CDSRP - DISCHARGE ELIMINATION  
 CDSRP - ENTRAINMENT AIR IN UPPER FEEDER PIPELINE STUDY  
 CDSRP - SEPULVEDA FEEDER REPAIRS  
 CDSRP - SEPULVEDA TANKS RECOATING  
 CENB-01  
 CENB-02  
 CENB-04  
 CENB-05  
 CENB-06  
 CENB-07  
 CENB-08  
 CENB-09  
 CENB-10  
 CENB-11  
 CENB-12  
 CENB-13  
 CENB-14  
 CENB-15  
 CENB-16  
 CENB-17  
 CENB-18  
 CENB-20  
 CENB-21  
 CENB-22  
 CENB-23  
 CENB-24  
 CENB-25  
 CENB-26  
 CENB-27  
 CENB-28  
 CENB-29  
 CENB-30  
 CENB-31A  
 CENB-33  
 CENB-34  
 CENB-35  
 CENB-37  
 CENB-38  
 CENB-39  
 CENB-40  
 CENB-42  
 CENB-43  
 CENB-44  
 CENB-45  
 CENB-46  
 CENB-47  
 CENB-48  
 CENB-49  
 CENB-50  
 CENB-51  
 CENB-52  
 CENB-53  
 CENB-MISC  
 CENTRAL BASIN, 48 BUBBLER AREA ACCESS IMPROVEMENT  
 CENTRAL CONTROL SYSTEM - ORANGE COUNTY  
 CENTRAL POOL AUGMENTATION - TUNNEL AND PIPELINE & RIGHT-OF-WAY ACQUISITION  
 CENTRAL POOL AUGMENTATION (CPA) PROGRAM - PIPELINE AND TUNNEL ALIGNMENT  
 CENTRAL POOL AUGMENTATION AND WATER QUALITY PROJECT (CPAWQP)  
 CENTRALIZED CONTROL SYSTEM- EAGLE ROCK  
 CENTRALIZED CONTROL SYSTEM- GENERAL DESIGN  
 CHEMICAL INVENTORY AND USAGE REWRITE AND ELECTRICAL. SYSTEM LOG  
 CHEMICAL UNLOADING FACILITY RETROFIT  
 CHEVALIER FALCON MILLING MACHINE  
 CHINO BASIN MWD FACILITIES  
 CHLORAMINE BOOSTER STATION AT THREE LOCATIONS WITHIN THE TREATED WATER DISTRIBUTION SYSTEMS

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

CHUCKWALLA MONITORING WELLS  
 CLWA-01T  
 CM-02  
 CM-04  
 CM-05  
 CM-06  
 CM-07  
 CM-08  
 CM-09  
 CM-11  
 CM-12  
 CM-13  
 C-MISC  
 COACHELLA CANAL LINING, ENVIRONMENTAL MITIGATION  
 COASTAL JUNCTION BYPASS  
 COASTAL JUNCTION REVERSE FLOW BYPASS  
 COASTAL PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
 COLLIS AVENUE VALVE REPLACEMENT  
 COLLIS VALVE REPLACEMENT  
 COLORADO RIVER AQUEDUCT CASA LOMA SIPHON BARREL NO. 1 PROJECT NO. 2 - PERMANENT REPAIRS  
 COLORADO RIVER AQUEDUCT CASA LOMA SIPHON BARREL NO. 1 REPLACEMENT  
 COLORADO RIVER AQUEDUCT CASA SIPHON  
 COLORADO RIVER AQUEDUCT CONVEYANCE REALIABILITY, PHASE II RPRS AND INSTR  
 COLORADO RIVER AQUEDUCT MILE 12 FLOW MONITORING STATION UPGRADES PROJECT  
 COLORADO RIVER AQUEDUCT, HEAD GATES REHABILITATION  
 COMMUNICATIONS EQUIPMENT MONITORING SYSTEM  
 COMMUNICATIONS STRUCTURE ALARM MONITORING  
 COMPREHENSIVE INFORMATION SECURITY ASSESSMENT PHASE III  
 COMPTON LATERAL EXTENSION  
 COMPTON LATERAL EXTENSION SCHEDULE 39A  
 COMPTON LATERAL SCHEDULE 28SC  
 CONE CAMP INTERTIE BYPASS PIPELINE REPAIR  
 CONSTRUCTION OF HOUSING FACILITIES- 4 HOUSES ON DISTRIBUTION SYSTEM  
 CONSTRUCTION PHASE 2  
 CONTRACT & LITIGATION TASKS -CONTRACT # 1396  
 CONTROL SYSTEM DATA STORAGE AND REPORTING  
 CONTROL SYSTEM DRAWING & DOCUMENTATION UPDATE  
 CONTROL SYSTEM ENHANCEMENT PROGRAM (CSEP) - DIGITAL SUBNET STANDARDIZATION  
 CONTROL SYSTEM ENHANCEMENT PROGRAM IMPLEMENTATION  
 CONTROL SYSTEMS AUTOMATION COMMUNICATION UPGRADE  
 CONTROLS COMMUNICATIONS FRAME RELAY CONVERSION - APPROPRIATED  
 CONVERSION OF DEFORMATION SURVEY MONITORING AT GENE WASH, COPPER BASIN, AND DIEMER BASIN 8  
 CONVEYANCE & DISTRIBUTION SYSTEM REHAB, PHASE II  
 CONVEYANCE AND DISTRIBUTION SYSTEM - REHABILITATION PROGRAM  
 CONVEYANCE AND DISTRIBUTION SYSTEM ELECTRICAL STRUCTURES REHABILITATION  
 CONVEYANCE AND DISTRIBUTION SYSTEM HYDAULIC PILOT VALVE STANDARIZATION  
 CONVEYANCE AND DISTRIBUTION SYSTEM REHABILITATION PROGRAM (CDSRP) - CURRENT DRAIN STATIONS  
 COOPER BASIN SECURITY NETWORK CONNECTIVITY  
 COPPER BASIN ICS  
 COPPER BASIN INTERIM CHLORINATION SYSTEM  
 COPPER BASIN SODIUM HYPOCHLORITE TANK REPLACEMENT  
 CORONA POWER PLANT REPLACE EMERGENCY GENERATOR  
 CORROSION MATERIALS TESTING FACILITY SCADA UPGRADE  
 COTTAGE AT COYOTE CREEK  
 COTTAGE AT SANTA ANA CANYON HOUSE #110-D  
 COVINA PCS UPGRADES  
 COVINA PRESSURE CONTROL FACILITY  
 COVINA PRESSURECONTROL FACILITY  
 COYOTE CREEK HEP/PCS EMERGENCY STANDBY GENERATOR  
 COYOTE CREEK NORTHERN PERIMETER LANDSCAPING  
 COYOTE CREEK PRESSURE CONTROL STRUCTURE  
 COYOTE PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
 CPA PIPELINE & TUNNEL ALIGNMENT  
 CPA PIPELINE & TUNNEL ALIGNMENT - NON FUNDED PORTION  
 CPA PIPELINE & TUNNEL ALIGNMENT - STUDY  
 CPA WATER TREATMENT PLANT - NON FUNDED PORTION  
 CPA WATER TREATMENT PLANT - RIGHT OF WAY - PHASE 2  
 CPAWQP - PHASE 2  
 CPAWQP - STUDY AND LAND ACQUISITION - CONTINGENCY  
 CPAWQP - STUDY AND LAND ACQUISITION - PIPELINE & TUNNEL ALIGNMENT - STUDY  
 CPAWQP - STUDY AND LAND ACQUISITION - RIGHT-OF-WAY-ACQUISITION  
 CPAWQP - STUDY AND LAND ACQUISITION - WATER TREATMENT PLANT - RIGHT OF WAY - PHASE 2  
 CPAWQP - STUDY AND LAND ACQUISITION - WATER TREATMENT PLANT - STUDY  
 CRA - PC-1 EFFLUENT OPEN CHANNEL TRASH RACK  
 CRA ACQUEDUCT ISOLATION GATES REPLACEMENT  
 CRA CABAZON & POTRERO SHAFT COVERS  
 CRA CHOLLA WASH CUT AND COVER CONDUIT LINING  
 CRA CONTROL INTEGRATION  
 CRA HOUSING IMPROVEMENTS - RENOVATION OF HOUSES  
 CRA PROTECTIVE SLAB AT STATION 805+00 (MM14.3)  
 CRA PROTECTIVE SLAB AT STATION 9704+77  
 CRA WHITEWATER TUNNEL 2, STA 9710+00 TO 9780+00  
 CRA, STA 9480+00 TO 9530+00  
 CRA-WHIEWATER EROSION PROTECTION STRUCTURE

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

CRITICAL LOCK IDENTIFICATION AND CHANGE-OUT  
 CROSS CONNECTION PREVENTION PROGRAM - PHASE II CONSTRUCTION  
 CROSS CONNECTION PREVENTION PROGRAM, PHASE II CONSTRUCTION  
 CROSS CONNECTION PREVENTION PROJECT, COMPLETE PRELIM DESIGN  
 CROSS CONNECTION PREVENTION PROJECT, COMPLETE PRELIMINARY DESIGN AND CEQA DOCUMENTATION  
 CRW FOR REPLENISHMENT AT USG3  
 CSEP - ELECTRONIC SYSTEM LOG (ESL)  
 CSEP - ENERGY MANAGEMENT SYSTEM PHASE II  
 CSEP - ENHANCED DISTRIBUTION SYSTEM CONTROL PROJECT  
 CSEP - IMPLEMENTATION  
 CSEP - OPERATIONS & BUSINESS DATA INTEGRATION PILOT  
 CSEP - PLANT INFLUENT REDUNDANT FLOW METERING AND SPLITTING  
 CSEP - PLC PHASE 2 - LIFE-CYCLE REPLACEMENT  
 CSEP - PLC STANDARDIZATION  
 CSEP - PLC STANDARDIZATION PHASE II  
 CSEP - POWER MANAGEMENT SYSTEM  
 CSEP - WATER PLANNING APPLICATION  
 CSEP IMPLEMENTATION  
 CSEP- SMART OPS (FORMERLY REAL TIME OPERATIONS SIMULATION)  
 CULVER CITY FEEDER: STA.0+12.07 TO 261+00, SCH. 62, 63,64 (SPEC NO. 512)  
 CURRENT DRAIN STATIONS  
 CWE, \$4.67M CAPITAL COSTS TO BE PAID BY MWD  
 DAM REHABILITATION & SAFETY IMPROVEMENTS ST. JOHN'S CANYON CHANNEL EROSION MITIGATION  
 DANBY TOWER FOUNDATION INVESTIGATION AND SHORT TERM MITIGATION  
 DARBY TOWERS FOUNDATION REHABILITATION  
 DECEMBER STORM DAMAGE 2010 FEMA DR 1952  
 DELTA PROPERTIES INFRASTRUCTURE IMPROVEMENTS  
 DEODERA PCS PAVEMENT UPGRADE & BETTERMENT  
 DESERT BRANCH - REPLACE STOLEN COPPER GROUND WIRE FOOTINGS/GROUNDING, AND COPPER PIPING  
 DESERT BRANCH PUMP PLANT AUXILIARY (STATION SERVICE)  
 DESERT BRANCH, PURCHASE & INSTALL 5 PORT VIDEO CONFERENCING  
 DESERT FACILITIES DOMESTIC WATER GAC SYSTEM INSTALLATION  
 DESERT HIGH VOLTAGE TRANSMISSION TOWERS - REPLACE COPPER GROUND WIRES ON  
 DESERT PUMP PLANTS, REPLACE AUXILIARY TRANSFORMERS (103102)  
 DETAIL SEISMIC EVALUATION OF WATER STORAGE TANK  
 DETAILED RELIABILITY IMPROVEMENTS OF THE LOS ANGELES COUNTY OPERATING REGION  
 DETAILED RELIABILITY IMPROVEMENTS OF THE ORANGE COUNTY OPERATING REGION - STAGE 1  
 DFP - ELIMINATE BACKUP GENERATOR TIE-BUS & INSTALL MANUAL TRANSFER SWITCH FOR CHLORINE SCRUBBER  
 DIAMOND VALLEY LAKE VISITORS CENTER BUILDING IMPROVEMENTS  
 DIEMER CHLORINE MASS FLOW METER REPLACEMENT  
 DIEMER FACILITY & VEHICLE PLANT DESIGN  
 DIEMER FEMA FIRE DAMAGE  
 DIEMER FILTR. PLANT- REPLACE TURBINE DEEP WELL PUMP  
 DIEMER FILTRATION PLANT - SLOPE REPAIR  
 DIEMER MAIN ROAD REBURBISHMENT  
 DIEMER MAIN ROAD REFURBISHMENT  
 DIEMER OZONE COOLING WATER ALTERNATIVE SOURCE  
 DIEMER PLANT INFLUENT FLOWMETER  
 DIEMER PLANT NORTH STORM DRAIN REPLACEMENT (103132)  
 DIEMER PLANT, ENTRANCE RELOCATION  
 DIEMER PLANT, HABITAT CONSERVATION  
 DIEMER PLANT, NORTHWEST HILL  
 DIEMER PLANT, WEST AREA SITE GRADING  
 DIEMER PLT-POWER DIST.CTR.FOR 2ND LOWER FDR. & E.ORANGE CTY.FEEDER  
 DIEMER USED WASHWATER PUMP STATION PHASE II  
 DIEMER, REPLACE WILLOWGLEN RTU  
 DIRECTIONAL SIGNS FOR DIAMOND VALLEY LAKE FACILITY  
 DISCHARGE ELIMINATION  
 DISCOUNTS & LIQUIDATING DAMAGES ON E & A WB-1 (SPEC NO. 524)  
 DIST SYS-AIR RELEASE & VAC VALVE MODS  
 DISTN SYSTEM REPLACE AREA CONTROL SYSTEMS  
 DISTN SYSTEM SPILL CONTAINMENT & REMEDIATION  
 DISTN SYSTEM TYPE  
 DISTN SYSTEM, STATIONARY CORROSION REFERENCE ELECTRODES  
 DISTRIBUTION PIPELINES  
 DISTRIBUTION SYS - TYPE "M" METER REPLACEMENT  
 DISTRIBUTION SYS - TYPE "M" METER REPLACEMENT (RETIREMENT)  
 DISTRIBUTION SYSTEM - CCPP CONSTRUCTION PACKAGES 9,11,12  
 DISTRIBUTION SYSTEM - METRO GREENLINE ELECTROLYSIS MONITORING  
 DISTRIBUTION SYSTEM - STANDPIPE STRENGTHENING PROGRAM  
 DISTRIBUTION SYSTEM - STATIONARY CORROSION REFERENCE  
 DISTRIBUTION SYSTEM - TREATED WATER CROSS CONNECTION PREVENTION PROJECT - FINAL DESIGN & CONSTRUCTION  
 DISTRIBUTION SYSTEM AIR RELEASE AND VAC VALVE MODS  
 DISTRIBUTION SYSTEM ASSESSMENTS/UPGRADES OF LOS ANGELES COUNTY  
 DISTRIBUTION SYSTEM ASSESSMENTS/UPGRADES OF RIVERSIDE AND SAN DIEGO COUNTY  
 DISTRIBUTION SYSTEM ASSESSMENTS/UPGRADES OF SAN BERNARDINO COUNTY  
 DISTRIBUTION SYSTEM CONTROL & EQUIP UPGRADE - ENHANCED DISTRIB. SYSTEM AUTOMATION PHASE I  
 DISTRIBUTION SYSTEM EQUIPMENT & INSTRUMENTATION UPGRADES  
 DISTRIBUTION SYSTEM EQUIPMENT AND INSTRUMENTATION UPGRADES  
 DISTRIBUTION SYSTEM INFRASTRUCTURE PROTECTION IMPROVEMENTS FOR ORANGE COUNTY  
 DISTRIBUTION SYSTEM ONLINE ANALYZERS REPLACEMENT  
 DISTRIBUTION SYSTEM REHABILITATION PROGRAM - ASSESS THE STATE OF MWD'S DISTRIBUTION SYSTEM  
 DISTRIBUTION SYSTEM RELIABILITY  
 DISTRIBUTION SYSTEM REPLACEMENT OF AREA CONTROL SYSTEMS - WILLOWGLEN RTUS ADMINISTRATION

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

DISTRIBUTION SYSTEM REPLACEMENT OF AREA CONTROL SYSTEMS (DSRACS)  
 DISTRIBUTION SYSTEM, CCPP CONSTRUCTION PACKAGES 9, 11, 12  
 DISTRIBUTION SYSTEM, TREATED WATER CROSS CONNECTION PREVENTION PROGRAM  
 DISTRIBUTION SYSTEM, TREATED WATER CROSS CONNECTION PREVENTION PROJECT\_FINAL DESI  
 DISTRIBUTION SYSTEM-REPLACE FLOWMETERS  
 DISTRIBUTION SYSTEM-REPLACE FLOWMETERS (RETIREMENT)  
 DISTRIBUTION SYSTEM-REPLACE MECHICAL METERS  
 DISTRIBUTION SYSTEM-REPLACE MECHICAL METERS - PHASE 2 (RETIREMENT)  
 DISTRICT WIDE - ENHANCED VAPOR RECOVERY PHASE 2 GASOLINE DISPENSING  
 DOMINGUEZ CHANNEL PRESSURE RELIEF STRUCTURE IMPROVEMENTS  
 DROUGHT RESPONSE WESTSIDE PUMP STATION  
 DSRACS - OPERATIONS CONTROL CENTER - CONTRACT #1396  
 DSRACS - SKINNER AREA  
 DSRACS - SOFTWARE DEVELOPMENT COST  
 DSRACS - WEYMOUTH  
 DVL & CONTROL SYSTEM REPLACEMENT INVESTIGATION & PREPARATION FOR PRELIMINARY DESIGN  
 DVL QUAGGA MUSSEL CONTROL FACILITY  
 DVL VIEWPOINT ROAD SECURITY UPGRADES  
 DVL VISITOR CENTER EXTERIOR LIGHTING REPLACEMENT  
 DVL, WORK PACKAGE 3, SAN DIEGO CANAL RELOCATION  
 DVL, WORK PACKAGE 46, SAN DIEGO PIPELINE  
 DWCV-01  
 DWCV-5  
 DWR-LAKE PERRIS DISSOLVED OXYGEN ENHANCEMENT PROJ  
 EAGLE EQUIPMENT WASH AREA UPGRADE  
 EAGLE MOUNTAIN POOL REFURBISHMENT  
 EAGLE ROCK - ASPHALT REHABILITATION  
 EAGLE ROCK - FIRE PROTECTION AT THE WESTERN AREA OF THE EAGLE ROCK CONTROL CENTER PERIMETER GROUNDS  
 EAGLE ROCK CANYON CROSSING SCHEDULE 12C  
 EAGLE ROCK CHLORINE STATION  
 EAGLE ROCK CONNECTION AND LATERAL SCHEDULE 12P (SPEC NO. 395)  
 EAGLE ROCK CONTROL BUILDING  
 EAGLE ROCK CONTROL BUILDING SECOND STORY STRUCTURE  
 EAGLE ROCK CONTROL CENTER FIREHYDRANT  
 EAGLE ROCK CONTROL TOWER CATHOTIC PROTECTION REHABILITATION  
 EAGLE ROCK LATERAL INTERCONNECTION REPAIR  
 EAGLE ROCK MAIN BUILDING ROOF REPLACEMENT  
 EAGLE ROCK MAIN BUILDING ROOF REPLACEMENT - STUDY  
 EAGLE ROCK OCC - REHAB CONTROL ROOM  
 EAGLE ROCK OPERATION CONTROL CENTER & INCIDENT COMMAND CENTER ROOF REPLACEMENT  
 EAGLE ROCK OPERATIONS CONTROL CENTER  
 EAGLE ROCK RESIDENCE CONVERSION  
 EAGLE ROCK TOWER AND PUDDINGSTONE SPILLWAY GATES REHABILITATION  
 EAGLE ROCK TOWER DISTRIBUTION SYSTEM UPGRADES  
 EAGLE ROCK TOWER SLIDEGATE REHABILITATION  
 EAGLE ROCK TOWER, SLIDE GATES REHABILITATION  
 EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 21SC  
 EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 22SC  
 EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 23SC  
 EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 24SC  
 EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 25SC  
 EAST INFLUENT CHANNEL REPAIR PROJECT  
 EAST LAKE SKINNER BYPASS AND BYPASS NO.2 SCREENING STRUCTURE UPGRADE (SUSPENSE)  
 EAST OC FEEDER NO. 2 SERVICE CONNECTION A-06  
 EAST ORANGE COUNTY FDR NO.2, PRELIMINARY ENGINEERING  
 EAST ORANGE COUNTY FDR. DISSIPATOR STRUCTURE  
 EAST ORANGE COUNTY FEEDER #2 REPAIR  
 EAST ORANGE COUNTY FEEDER #2 SEISMIC RETROFIT  
 EAST ORANGE COUNTY FEEDER NO. 2 SERVICE CONNECTION A-6 REHABILITATION  
 EAST ORANGE COUNTY FEEDER NO.2- MWD'S PORTION  
 EAST ORANGE COUNTY FEEDER, SCHEDULE 81P  
 EAST ORANGE COUNTY FEEDER, STA 990+00 TO 1100+00  
 EAST VALLEY FEEDER (FORMERLY CALLEGUAS CONDUIT)  
 EAST VALLEY FEEDER -RELOCATION AT HOLLYWOOD WAY  
 EAST VALLEY FEEDER- STRUCTURE MODIFICATIONS  
 EAST VALLEY FEEDER VALVE STRUCTURE ELECTRICAL UPGRADE  
 EAST VALLEY FEEDER, STA 649+00 TO 664+00  
 EASTERN AND DESERT REGIONS PLUMBING RETROFIT  
 EASTERN METROPOLITAN WATER DISTRICT FACILITIES  
 EASTERN REGION DISTR SYS CATHODIC PROTECTION REMOTE MONITORING REFURBISHMENT  
 EASTERN REGION PCCP JOINT MODIFICATION 2012  
 EASTERN REGION PCCP JOINT MODIFICATIONS  
 E-DISCOVERY STORAGE MANAGEMENT SYSTEM UPGRADE  
 EGIS INFRASTRUCTURE UPGRADE  
 ELECTRIC CURRENT DRAIN STATION INSTALLATIONS  
 ELECTRICAL SERVICE- LOWER FEEDER CONTROL TOWER  
 ELECTRICAL UPGRADES AT 15 STRUCTURES IN THE ORANGE COUNTY REGION (STAGE 1)  
 ELECTRICAL UPGRADES AT 15 STRUCTURES, OC REGION  
 ELECTROMAGNETIC INSPECTION OF PCCP LINES  
 ELECTROMAGNETIC INSPECTIONS OF PCCP LINES  
 ELECTRONIC SYSTEM LOG (ESL)  
 EM-01  
 EM-04A  
 EM-05

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

EM-08  
EM-10  
EM-11  
EM-12A  
EM-12B  
EM-13  
EM-14  
EM-17  
EM-18  
EM-19  
ENCASEMENT OF P.V. FEEDER- SAN BERNARDINO FREEWAY  
ENERGY MANAGEMENT SYSTEM - PHASE 2  
ENHANCED DISTRIBUTION SYSTEM AUTOMATIC FLOW TRANSFERS SOFTWARE REDEVELOPMENT  
ENHANCED DISTRIBUTION SYSTEM AUTOMATION PHASE I  
ENHANCED DISTRIBUTION SYSTEM AUTOMATION PHASE II  
ENHANCED DISTRIBUTION SYSTEM CONTROL  
ENLARGE FOOTHILL FEEDER CONTROL STRUCTURE  
ENTRY CONTROL POINT STANDARDIZATION AND PERIMETER DEFENSE STUDY  
ENVIRONMENTAL REGULATORY AGREEMENTS AND OTHER REGULATORY AGENCY  
EOCF2 OC-44B VALVE REPLACEMENT STA. 1239+29  
EQUIPMENT - 1ST SAN DIEGO AQUEDUCT  
EQUIPMENT UPGRADE AT THE NORTH PORTAL OF THE HOLLYWOOD TUNNEL  
ETIWAND PPLN-REPLACE TURNOUT STRUCTURE  
ETIWANDA / RIALTO PIPELINE INTER-TIE CATHODIC PROTECTION  
ETIWANDA AUTOMATIC VOLTAGE REGULATOR REPLACEMENT  
ETIWANDA CAVITATION FACILITY INFRASTRUCTURE REHABILITATION  
ETIWANDA CAVITATION TEST FACILITY COMMUNICATION AND CONTROL SYSTEM REPLACEMENT  
ETIWANDA HEP NEEDLE VALVE OPERATORS  
ETIWANDA PIPELINE - LINING REPLACEMENT  
ETIWANDA PIPELINE - RIALTO PIPELINE TO UPPER FEEDER  
ETIWANDA PIPELINE AND CONTROL FACILITY - RIGHT OF WAY  
ETIWANDA PIPELINE AND CONTROL FACILITY - AS BUILTS  
ETIWANDA PIPELINE AND CONTROL FACILITY - CATHODIC PROTECTION  
ETIWANDA PIPELINE AND CONTROL FACILITY - EMERGENCY DISCHARGE CONDUITS  
ETIWANDA PIPELINE AND CONTROL FACILITY - LANDSCAPING AND IRRIGATION  
ETIWANDA PIPELINE AND CONTROL FACILITY - RESIDENCES  
ETIWANDA PIPELINE AND CONTROL FACILITY - RIALTO FEEDER TO UPPER PIPELINE  
ETIWANDA PIPELINE CATHODIC PROTECTION  
ETIWANDA PIPELINE LINING REPAIRS  
ETIWANDA PIPELINE LINING REPLACEMENT  
ETIWANDA PIPELINE LINING REPLACEMENT - STAGE 3  
ETIWANDA PIPELINE RELINING - PHASE 3  
ETIWANDA PIPELINE SOUTH - STA. 332+00 TO 349+00 & UPPER FEEDER - STA. 1078+00 TO 1083+00 PROTECTION  
ETIWANDA PUMP STATION  
ETIWANDA RESERVOIR - EXTEND OUTLET STRUCTURE  
ETIWANDA TEST FACILITY  
EXPIRED AND/OR MISC. LAND COSTS TRANSFERRED FROM LAND (12105)  
F-01 CHECK VALVE REPLACEMENT  
F-02  
F-03  
F-04  
F-05  
F-06  
F-08  
F-09  
FACILITY AND PROCESS RELIABILITY ASSESSMENT  
FAIRPLEX AND WALNUT PCS VALVES REPLACEMENT  
FEMA 2005 STORM DAMAGE, EASTERN REGION  
FEMA 2005 STORM DAMAGE, WESTERN REGION  
FEMA CORROSION CONTROL EQUIPMENT  
FEMA FLOW CONTROL STRUCTURE  
FEMA OLINDA PRESSURE CONTROL FACILITY  
FEMA PROJECT 700049  
FEMA PROJECT 701208  
FEMA PROJECT 701211  
FEMA PROJECT 701222  
FEMA PROJECT 701223  
FEMA PROJECT 701269  
FEMA PROJECT 701271  
FEMA PROJECT 701273  
FEMA PROJECT 701274  
FEMA PROJECT 701277  
FEMA PROJECT 701278  
FEMA PROJECT 701279  
FEMA PROJECT 701281  
FEMA PROJECT 701285  
FEMA PROJECT 701287  
FEMA PROJECT 701288  
FEMA PROJECT 701289  
FEMA PROJECT 701303  
FEMA PROJECT 701323  
FEMA PROJECT 701381  
FEMA PROJECT 701485  
FEMA PROJECT 701487

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

FEMA PROJECT 701510  
 FEMA PROJECT 701538  
 FEMA PROJECT 701623  
 FEMA PROJECT 701628  
 FEMA PROJECT 701631  
 FEMA PROJECT WORKSHEET PW 1019  
 FEMA RED MT. HYDRO PLANT  
 FEMA SANTA ANA RIVER BRIDGE CROSSING  
 FIELD FACILITY-PURCHASE SIGNS FO AMERICANS W/DISABILITIES  
 FILTER ISOLATION GATE AND BACKWASH CONTROL WEIR COVERS MODULES 1- 6  
 FIRST SAN DIEGO ACQUEDUCT- REPLACE SLIDE GATES  
 FIVE DELIVERY CONNECTION WEST BASIN  
 FLEET MANAGEMENT SYSTEM  
 FLOW METER MODIFICATION  
 FLOW METER REPLACEMENT  
 FLOW METER REPLACEMENT PROJECT  
 FLOWMETER MODIFICATION - LAKE SKINNER INLET, ETIWANDA EFFLUENT & WADSWORTH CROSS CHANNEL  
 FM-01  
 FOOTHILL & SEPULVEDA FEEDER PCCP CARBON FIBER JOINT REPAIRS  
 FOOTHILL AND SEPULVEDA FEEDER PCCP CARBON FIBER JOINT REPAIRS  
 FOOTHILL AREA STUDY  
 FOOTHILL FDR., RIALTO PIPELINE-CONSTN. OF CHLORINE DIFFUSION STRUCTURE  
 FOOTHILL FDR.-SCH.269 & 270, PIPELINE ,HERMOSA AVE. TO CITRUS AVE.  
 FOOTHILL FDR.-SCH.271 & 272, PIPELINE CITRUS AVE. TO DWR. DEVIL CANYON  
 FOOTHILL FEEDER - CASTAIC VALLEY BLOW-OFF VALVES REPLACEMENT  
 FOOTHILL FEEDER - MAGAZINE CANYON SITE IMPROVEMENT  
 FOOTHILL FEEDER ACOUSTIC FIBER OPTIC PCCP MONITORING SYSTEM  
 FOOTHILL FEEDER ADEN AVE REHABILITATION  
 FOOTHILL FEEDER ADEN AVE. REHABILITATION  
 FOOTHILL FEEDER CARBON FIBER REPAIR  
 FOOTHILL FEEDER CATHODIC PROTECTION  
 FOOTHILL FEEDER CONTROL STRUCTURE  
 FOOTHILL FEEDER HYDROELECTRIC PLANT RUNNER REPLACEMENT  
 FOOTHILL FEEDER MAGAZINE CANYON SHAFT  
 FOOTHILL FEEDER PCS VALVE REPLACEMENT  
 FOOTHILL FEEDER PIPELINE REPLACEMENT PROJECT  
 FOOTHILL FEEDER POWER PLANT EXPANSION  
 FOOTHILL FEEDER REPAIR @ SANTA CLARITA RIVER  
 FOOTHILL FEEDER RIALTO PIPELINE- SCH 268 (CAMPUS AV. TO HERMOSA AV.)  
 FOOTHILL FEEDER RIALTO PIPELINE- SCH. 264 & 265(SAN DIMAS TO THMP.CRK)  
 FOOTHILL FEEDER RIALTO PIPELINE- SCH. 266 & 267  
 FOOTHILL FEEDER- SAN FERNANDO TUNNEL  
 FOOTHILL FEEDER, CARBON FIBER REPAIRS  
 FOOTHILL FEEDER, DALTON ADIT  
 FOOTHILL FEEDER, SAN DIMAS WASH  
 FOOTHILL FEEDERSYSTEM- SAN DIMAS FACILITIES, 2ND STAGE  
 FOOTHILL FOR SAN FERNANDO TNL-GATE STRCTR LIGHTING & ALARM SYSTEM  
 FOOTHILL HYDROELECTRIC RUNNER REPLACEMENT  
 FOOTHILL PCS - UNINTERRUPTIBLE POWER SOURCE SYSTEMS INSTALLATION  
 FOOTHILL PCS FLOOD PUMP INSTALLATION DESIGN DOCUMENTATION  
 FOOTHILL PCS INTERNAL VALVE LINERS UPGRADE  
 FOOTHILL FEEDER EXPOSURE  
 FUEL MANAGEMENT SYSTEM  
 FUTURE SYSTEM RELIABILITY PROGRAM  
 G-02  
 G-03  
 GARVEY RESERVOIR - HYPOCHLORITE FEED SYSTEM  
 GARVEY RESERVOIR - INSTALL HYPOCHLORINATION STATIONS  
 GARVEY RESERVOIR - LOWER ACCESS PAVING ROAD & DRAINS  
 GARVEY RESERVOIR CONTROL VALVES REPLACEMENT  
 GARVEY RESERVOIR HYPOCHLORITE FEED SYSTEM  
 GARVEY RESERVOIR SITE DRAINAGE REPAIRS AND MODIFICATIONS  
 GARVEY RESERVOIR SODIUM HYPOCHLORITE FEED SYSTEM REHABILITATION  
 GARVEY-ASCOT CROSS CONN: STA. 134+00 TO 147+00 (SPEC NO. 401 & 410)  
 GARVEY-ASCOT CROSS FEEDER- REPLACE VALVE  
 GATE NO 3 - 1ST SAN DIEGO AQUEDUCT  
 GENE & IRON POOLS  
 GENE AIR CONDITIONING SYSTEM REPLACEMENT  
 GENE AIR CONDITIONING SYSTEM REPLACEMENT (103562)  
 GENE MESS HALL AIR CONDITIONING UNIT  
 GENE SPARE PARTS WAREHOUSE IMPROVEMENTS  
 GLENDALE 01 SERVICE CONNECTION REHAB  
 GLENDALE-01 SERVICE CONNECION REHABILITATION AND UPGRADE  
 GLENDALE-01 SERVICE CONNECTION REHABILITATION  
 GLENDORA TUNNEL  
 GLENDORA TUNNEL- CORROSION CNTRL SYS  
 GREG AVE PCS FACILITY REHABILITATION  
 GREG AVE. PCS-SURGE TANK, REPLACE INTERIOR LINING  
 GREG AVENUE CONTROL STRUCTURE VALVE REPLACEMENT  
 GREG AVENUE CONTROL STRUCTURE VALVE REPLACEMENT (103265)  
 GREG AVENUE PCS - PUMP MODIFICATIONS AND NEW CONTROL BUILDING  
 GREG AVENUE PCS CONTROL BUILDING INTERIOR REHABILITATION  
 GREG AVENUE PCS- SURGE TANK, REPLACE INTERIOR LINING  
 HINDS GARAGE ASBESTOS SHEETING REPLACEMENT



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

HOLLYWOOD TUNNEL (SPEC NO. 329)  
HOLLYWOOD TUNNEL NORTH PORTAL EQUIPMENT UPGRADES  
HOUSE AT EAGLE ROCK  
HOUSE AT NORTH PORTAL OF HOLLYWOOD TUNNEL  
HR IMPROVEMENT PLANT PROJECT - PHASE II  
HVAC MODIFICATIONS FOR ELECTRICAL SAFETY AND RELIABILITY  
HYDRAULIC MODELING PROJECT  
HYDROELECTRIC PLANT CARBON DIOXIDE (CO2) FIRE SUPPRESSION SYSTEM MODIFICATIONS  
HYDROELECTRIC POWER PLANT (HEP) DISCHARGE ELIMINATION  
IAS PROJECTS - CPA  
IAS PROJECTS - DVL-SKINNER  
IAS PROJECTS - MILLS SUPPLY RELIABILITY  
IMPROVEMENTS TO PUDDINGSTONE SPILLWAY ON UPPER FEEDER  
INLAND FEEDER AND LAKEVIEW PIPELINE INTERTIE  
INLAND FEEDER RIALTO FEEDER INTERTIE  
INLAND FEEDER TO CITRUS RESERVOIR AND PUMP STATION INTERCONNECTIONS  
INLAND FOR SYSTEM- BOX SPRINGS FEEDER  
INLAND PCSUST REMOVAL & AST INSTALLATION  
INSPECTION OF THE ALLEN-MCCOLLOCH PIPELINE  
INSTALL FLOWMETER INST. AT DEVIL CANYON/ RIALTO  
INSTALL MOTION SENSORS IN NEW EXPANSION  
INSTALL TEST LEADS AT FOUR LOCATIONS  
INSTALL TEST STATIONS ON 32 BURIED INSULATION JOINTS  
INSULATION JOINT TEST STATIONS  
INTAKE PUMPING PLANT - UNDER FREQUENCY PROTECTION RELAY UPGRADE  
INTAKE ROAD- WIDEN BRIDGE  
INTERCONNECT & PRESURE CONTROL STRUCTURE AT LOWER & OC FDR.  
INTERCONNECT EAST ORANGE COUNTY FDR. NO.2 & ORG COUNTY FDR. (SPEC #681)  
IOC - 2ND BBL 1ST SAN DIEGO AQUEDUCT  
IOC - 2ND LOWER & W ORANGE CO FEEDERS, INTERCONNECT STRUCTURE REMOTE CONTROL  
IOC - ACCUSONIC FLOW METER UPGRADE  
IOC - ALLEN MCCOLLOCH PIPELINE REPAIR  
IOC - ALLEN-MCCOLLOCH PIPELINE  
IOC - AULD VALLEY PIPELINE  
IOC - BOX SPRINGS FEEDER FABRICATION & INSTALLATION OF STEEL PIPE  
IOC - CATHODIC PROTECTION, EAST ORANGE COUNTY FDR 2  
IOC - CENTRALIZED CONTROL SYSTEM  
IOC - DIEMER HABITAT CONSERVATION PLAN  
IOC - DISTN SYSTEM REPLACE AREA CONTROL SYSTEMS  
IOC - DISTN SYSTEM SPILL CONTAINMENT & REMEDIATION  
IOC - DISTRIBUTION SYS TYPE "M" METER REPLACEMENT  
IOC - DISTRIBUTION SYSTEM, MULTIPLE ADDRESS SPECTRUM SYSTEM  
IOC - EAGLE ROCK OPERATIONS CONTROL CENTER  
IOC - EAST VALLEY FEEDER, RELOCATION AT HOLLYWOOD WAY  
IOC - EAST VALLEY FEEDER, STRUCTURE MODIFICATIONS  
IOC - ENLARGE FOOTHILL FEEDER CONTROL STRUCTURE  
IOC - ETIWANDA PIPELINE CATHODIC PROTECTION  
IOC - FOOTHILL FDR, ELEC PWR BLOWOFF/CHLOR STRUCTURE  
IOC - FOOTHILL FEEDER, SAN FERNANDO TUNNEL, GATE STRUCTURE LIGHTING & ALARM SYST  
IOC - GREG AVENUE PCS, SURGE TANKS, REPLACE INTERIOR LINING  
IOC - INSPECTION OF THE ALLEN-MCCOLLOCH PIPELINE  
IOC - INTAKE ROAD, WIDEN BRIDGE  
IOC - JENSEN FILT PLANT, NEW INFLUENT CONDUIT  
IOC - LA VERNE FACILITIES, MATERIAL TESTING LABORATORY MODIFICATION  
IOC - LA VERNE FACILITY, CORROSION MATERIAL TEST PLANT  
IOC - LA VERNE MATERIAL TEST LAB, REPLACE COOLING SYSTEM  
IOC - LAKE PERRIS BYPASS PIPELINE  
IOC - LAKE PERRIS PUMPBACK FACILITY  
IOC - LAKE PERRIS PUMPBACK FACILITY EXPANSION  
IOC - LOW LEVEL TEHACHAPI TUNNEL, FEASIBILITY STUDY  
IOC - LOWER FEEDER PROTECTION, IMPERIAL HWY AT ATSF RR TRACKS, SANTA FE SPRNGS  
IOC - LOWER FEEDER, RELOCATE AT IMPERIAL HIGHWAY, STA 2163+50  
IOC - MILLS FILT PLT, ADMIN BLDG EXPANSION  
IOC - MILLS PLANT, SERVICE CONNECTION WR-24A TURNOUT STRUCTURE  
IOC - MINOR CAPITAL PROJECTS FY 1988/89 - INGLEWOOD LATERAL  
IOC - MINOR CAPITAL PROJECTS, BOX SPRINGS FDR, INSTALL CHLORINE DIFUSER  
IOC - MINOR CAPITAL PROJECTS, YORBA LINDA FEEDER  
IOC - MWD SHARE OF DESIGN AND CONSTRUCTION OF SC LA-35  
IOC - NEWHALL TUNNEL STEEL LINER  
IOC - NEWHALL TUNNEL, INSTALL LINER  
IOC - NEWHALL TUNNEL, LINER REPAIR  
IOC - OLINDA PCS VIBRATION STUDY  
IOC - OLINDA PCS, SECURITY FENCING AND PAVING  
IOC - ORANGE CO FDR, DESIGN & CONSTRUCT FLOW CTRL FAC  
IOC - ORANGE COUNTY FEEDER SERVICE CONN A-1, RELOC METER CABINET & ELEC SERV  
IOC - ORANGE COUNTY FEEDER, RELOCATION BETWEEN STA 473+21-52 & 473+5-82  
IOC - PALOS VERDE FEEDER, WASHINGTON PCS, PLATFORMS/LADDERS  
IOC - PALOS VERDES FDR WASHINGTON ST PCS  
IOC - PALOS VERDES FEEDER CATHODIC PROTECTION SYSTEM  
IOC - PALOS VERDES FEEDER, 108TH ST PCS, INSTALL ELECTRIC VALVE OPERATORS  
IOC - PALOS VERDES FEEDER, RELOCATE HARBOR AND ARTESIA FREEWAYS  
IOC - PIPELINES AND FEEDERS, CONSTRUCTION STANDPIPE BRACING  
IOC - PV MIDDLE CROSS, MIDDLE FEEDERS, ELECTROLYSIS TEST STATION  
IOC - REFURBISH SERVICE CONNECTION, LOWER MIDDLE FEEDER

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

IOC - REPLACEMENT OF 75 UNDERGROUND FUEL STORAGE TANKS, ALL FACILITIES  
 IOC - RIALTO PIPELINE AT DEVIL'S CANYON  
 IOC - RIALTO PIPELINE, DELIVERY FACILITIES FOR CYCLIC STORAGE  
 IOC - RIALTO PPLN, INSTALL 2 CATHODIC PROTECTION SYSTEM  
 IOC - SAN DIEGO CANAL ENLARGEMENT PHASE 2  
 IOC - SAN DIEGO CANAL MODIFICATION, 5 ADDITIONAL SIPHONS  
 IOC - SAN DIEGO PPLN 3 BYPASS  
 IOC - SAN DIEGO PPLNS 4 & 5 CORROSION CTRL SYS  
 IOC - SAN DIEGO PIPELINE 5, SCH SD-17, TEMECULA TO DELIVERY POINT  
 IOC - SAN DIEGO PIPELINE.5, SCH SD-17, TEMECULA TO DELIVERY POINT  
 IOC - SAN DIEGO PPLN 5, SCH SD-16, SKINNER TO TEMECULA (SPEC NO. 1065)  
 IOC - SANTA ANA CROSS FEEDER, RELOCATE FLOWER STREET STORM DRAINAGE  
 IOC - SANTA MONICA FEEDER, SUNSET RELIEF STRUCTURE, MODIFY STA 433022  
 IOC - SEPULVEDA FDR, SCH 123 CORROSION MITIGATION  
 IOC - SERVICE CONN DW-CV-4, WHITE WATER SIPHON (2ND BARREL), STA 9698+00  
 IOC - SERVICE CONNECTION DW-CV-4, VALVE STRUCTURE & SIPHON, STA 9698+00  
 IOC - SKINNER BYPASS PIPELINE CHLORINATION SYSTEM  
 IOC - STRUCTURE MODIFICATIONS TO SAN DIEGO PIPELINE"S # 1 AND 2  
 IOC - TESTING PROGRAM AT YORBA LINDA TEST FACILITY  
 IOC - UPPER FEEDER CATHODIC PROTECTION SCH 25  
 IOC - UPPER FEEDER SANTA ANA RIVER BRIDGE SEISMIC MODIFICATION  
 IOC - UPPER FEEDER, MANHOLE MODIFICATION, STATION 1464+50  
 IOC - UPPER FEEDER, MANHOLE MODIFICATION, STATION 1495+54  
 IOC - UPPER FEEDER, MANHOLE MODIFICATION, STATION 1757+86  
 IOC - UPPER FEEDER, MODIFY PUDDINGSTONE SPILLWAY, STA 1950+62.71  
 IOC - UPPER FEEDER, ROAD ACCESS TO SANTA ANA BRIDGE  
 IOC - WEST ORANGE COUNTY FEEDER PCS, INSTALL 480V 3 PHASE ELEC SERVICE  
 IOC - WEST ORANGE COUNTY FEEDER RELOCATION AT STA 456+00  
 IOC - WEST ORANGE COUNTY FEEDER, RELOCATE STATIONS 132+16 TO 132+74  
 IOC - WEST VALLEY FACILITIES STUDY  
 IOC - YORBA LINDA FEEDER BYPASS  
 IRON MOUNTAIN - TRANSFORMER OIL TANK RELOCATION  
 JENSEN & MILLS OXIDATION RETROFIT  
 JENSEN AND WESTERN REGION ELECTRICAL CONTROLS REHABILITATION  
 JENSEN DISTRIBUTION SYSTEM - REPLACEMENT OF AREA CONTROL SYSTEMS - CONTRACT # 1396  
 JENSEN EGEN UST UPGRADE - LINE LEAK DETECTOR INSTALLATION  
 JENSEN FILTER BACKWASH BIOLOGICAL CONTROL SYSTEM  
 JENSEN FILTER EFFLUENT TURBIDIMETER RELIABILITY  
 JENSEN FILTR. PLANT- NEW INFLUENT CONDUIT  
 JENSEN FILTR. PLANT- TURBIDIMETERS  
 JENSEN FILTRATION PLANT - REPLACE ADMINISTRATION BUILDING AIR CONDITIONING  
 JENSEN FILTRATION PLANT - ROAD RECONSTRUCTION  
 JENSEN IRRIGATION LINE REPLACEMENT  
 JENSEN OUTLET CHLORINE DIFFUSER AND SAMPLE PUMP MODIFICATIONS  
 JENSEN OZONE SYSTEM PLC CONTROL & COMMUNICATION EQUIPMENT UPGRADE  
 JENSEN PLANT- SERVICE CONNECTION - LA 25  
 JENSEN PLANT-BY PASS PIPELINE  
 JENSEN SOLAR FACILITY  
 JENSEN/CANYON FEMA FIRE DAMAGE  
 KIMBERLY STORM CHANNEL-ORANGE COUNTY FEEDER (ORG CONST)  
 LA VERNE BUILDING 40 COMPRESSED AIR UPGRADES  
 LA VERNE FACILITIES - BRIDGEPORT E-2-PATH  
 LA VERNE FACILITIES - ENERGY CONSERVATION ECM1 - 10  
 LA VERNE FACILITIES - EXPANSION OF THE SANITARY SEWER  
 LA VERNE FACILITIES - HAZARDOUS WASTE STORAGE  
 LA VERNE FACILITIES - MAIN TRANSFORMERS REPLACEMENT  
 LA VERNE FACILITIES - MATERIAL TESTING LABORATORY MODIFICATION  
 LA VERNE FACILITIES - MATERIALS TESTING LABORATORY  
 LA VERNE FACILITIES - REPLACEMENT OF FLOCCULATOR STUB SHAFT - BASINS 1 & 2  
 LA VERNE FACILITIES, UPPER FDR PUDDINGSTONE SPILLWAY, CROSS CONNECTION  
 LA VERNE FACILITY-CORROSION MATERIAL TEST PLT  
 LA VERNE MACHINE SHOP - AIR CONDITIONING UNIT REPLACEMENT  
 LA VERNE MACHINE SHOP - REPAIR HORIZONTAL BORING MILL  
 LA VERNE MACHINE SHOP SWAMP COOLER REPLACEMENT (103929)  
 LA VERNE PIPELINE  
 LA-02  
 LA-03  
 LA-04  
 LA-06  
 LA-07  
 LA-08  
 LA-09  
 LA-10  
 LA-11  
 LA-12  
 LA-13  
 LA-15  
 LA-16  
 LA-21A  
 LA-22  
 LA-23  
 LA-24  
 LA-25  
 LA-30

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

LA-31  
 LA-33  
 LA-35  
 LA-35 DISCHARGE STRUCTURE REPAIRS  
 LA-35 DISCHARGE STRUCTURE REPAIRS  
 LADWP CONNECTION IN MAGAZINE CANYON  
 LAKE MATHEWS - CONSTRUCTION OF BACKUP COMPUTER FACILITIES  
 LAKE MATHEWS - DIVERSION TUNNEL WALKWAY REPAIR  
 LAKE MATHEWS - FACILITY WIDE EMERGENCY WARNING AND PAGING SYSTEM  
 LAKE MATHEWS - FOREBAY MCC ROOF IMPROVEMENT  
 LAKE MATHEWS - MAIN DAM TOE SEEPAGE COLLECTION  
 LAKE MATHEWS - MULTIPLE SPECIES MANAGER'S OFFICE & RESIDENCE  
 LAKE MATHEWS - RENOVATION OF BLDGS. 8 & 15, GENERAL ASSEMBLY & ADMIN. BLDG. OFFICE AREAS  
 LAKE MATHEWS - RETROFIT LOWER ENTRANCE GATE SWING ARM  
 LAKE MATHEWS FACILITIES WIDE EMERGENCY WARNING/PAGING SYSTEM  
 LAKE MATHEWS FENCING SECURITY UPGRADE  
 LAKE MATHEWS FOREBAY MCC ROOF IMPROVEMENT  
 LAKE MATHEWS HEADWORKS- REPLACE TWO VALVES (WO #3543)  
 LAKE MATHEWS HEAVY AND LIGHT VEHICLE SHOP PROPANE TANKS  
 LAKE MATHEWS MAIN DAM TOE SEEPAGE COLLECTION  
 LAKE MATHEWS RETROFIT LOWER ENTRANCE GATE SWING ARM  
 LAKE PERRIS BY PASS PIPELINE  
 LAKE PERRIS BY PASS PIPELINE- CLAIMS  
 LAKE PERRIS BYPASS PIPELINE EXPLORATION  
 LAKE PERRIS BYPASS PIPELINE RELINING  
 LAKE PERRIS DISSOLVED OXYGEN ENHANCEMENT (CAPITAL PORTION)  
 LAKE PERRIS EMERGENCY STANDBY GENERATOR AND TRANSFER SWITCH REPLACEMENT  
 LAKE PERRIS EMERGENCY STANDBY GENERATOR SYSTEM REPLACEMENT  
 LAKE PERRIS EMERGENCY STANDBY GENERATOR SYSTEM REPLACEMENT (103909)  
 LAKE PERRIS PIPELINE RELINING  
 LAKE PERRIS PUMPBACK FACILITY  
 LAKE PERRIS PUMPBACK FACILITY EXPANSION  
 LAKE PERRIS PUMPBACK FACILITY-EXPANSION NO.2  
 LAKE SKINNER - AERATOR AIR COMPRESSOR REPLACEMENT  
 LAKE SKINNER - OUTLET TOWER VALVE REHABILITATION  
 LAKE SKINNER - REPLACEMENT AERATOR RING  
 LAKE SKINNER AERATOR AIR COMPRESSOR REPLACEMENT  
 LAKE SKINNER AREA DISTRIBUTION SYSTEM VALVE REPLACEMENT  
 LAKE SKINNER BYPASS PIPELINE #2 AND #3  
 LAKE SKINNER C&D BUILDING REHABILITATION  
 LAKE SKINNER CATHODIC PROTECTION  
 LAKE SKINNER DAM ROAD REHAB  
 LAKE SKINNER EAST BYPASS SCREENING STRUCTURES  
 LAKE SKINNER EAST BYPASS STRUCTURE REHABILITATION  
 LAKE SKINNER OUTLET TOWER CHLORINE SYSTEM MODIFICATION  
 LAKE SKINNER OUTLET TOWER VALVE  
 LAKE SKINNER WEST BYPASS SCREENING STRUCTURE  
 LAKE SKINNER WEST BYPASS SCREENING STRUCTURE REHABILITATION  
 LAKE VIEW PIPE LINE REPAIRS  
 LAKE VIEW PIPELINE- SCH. 310,312 AND 313  
 LAKE VIEW PIPELINE/INLAND FEEDER PCS ABOVE GROUND STORAGE TANK FOR DIESEL FUEL  
 LAKE VIEW PIPELINE-INSTALL CATHODIC PROTECTION-STATION 2210+00  
 LAKEVIEW PIPELINE - REPLACE VACUUM/AIR RELEASE  
 LAKEVIEW PIPELINE CATHODIC PROTECTION SYSTEM  
 LAKEVIEW PIPELINE CATHODIC PROTECTION SYSTEM REHABILITATION  
 LAKEVIEW PIPELINE IMPROVEMENTS  
 LAKEVIEW PIPELINE LEAK REPAIR AT ST 2510+49  
 LAKEVIEW PIPELINE RELINING  
 LAKEVIEW PIPELINE RELINING - STAGE 2  
 LAKEVIEW PIPELINE RELINING - STAGE 3  
 LAKEVIEW PIPELINE REPAIR  
 LAKEVIEW PIPELINE UPGRADE  
 LAKEVIEW PIPELINE, REPLACE VACUUM/AIR RELEASE  
 LA-MISC  
 LAVERNE - REPLACE COOLING SYS - MAT'L TEST LAB  
 LAVERNE - RREPLACE COOLING SYSTEM - MATERIAL TEST LAB (PROJECT 100866)  
 LAVERNE FACILITY - MATERIALS TESTING LAB RENOVATION  
 LB-02  
 LB-03  
 LB-04  
 LB-07  
 LB-08  
 LB-MISC  
 LIVE OAK RESERVOIR BYPASS PIPELINE CATHODIC PROTECTION  
 LIVE OAK RESERVOIR PIPELINE CATHODIC PROTECTION  
 LIVE OAK RESERVOIR PIPELINES CATHODIC PROTECTION  
 LONG BEACH LATERAL : SECTIONALIZING VALVE STRUCTURE  
 LONG BEACH LATERAL EXTENSION SCHEDULE 41P (SPEC NO. 342)  
 LONG BEACH LATERAL SCHEDULE 26SC (SPEC NO. 293)  
 LOS ANGELES COUNTY NORTH C AND D REGION ELECTRICAL STRUCTURES REHAB  
 LOS ANGELES COUNTY SOUTH C AND D REGION ELECTRICAL STRUCTURES REHAB  
 LOW LEVEL TEHACHAPI TUNNEL- FEASIBILITY STUDY  
 LOWER FDR, SCHEDULE 80SC, MISCELLANEOUS CREDITS  
 LOWER FDR, SCHEDULE 80SC, MISCELLANEOUS CREDITS

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

LOWER FDR: CAJALCO TUNNEL TO CORONA PIPELINE, SCH 71P  
 LOWER FDR: CAJALCO TUNNEL: STA. 1+00 TO 80+00 (SPEC NO. 413)  
 LOWER FDR: STA. 988+54.00 TO 1031+52.75 (SCH. 75P)  
 LOWER FDR: STA. 77+45 TO 282+50 (CAJALCO TNL. TO E. BND. OF CORONA) SCH 70P  
 LOWER FDR-RELOCATE IN IMPERIAL HIGHWAY, STA 2163+50  
 LOWER FEEDER - CATHODIC PROTECTION  
 LOWER FEEDER BLOW-OFF DRAIN LINE REPLACEMENTS  
 LOWER FEEDER CATHODIC PROTECTION SYSTEM REHABILITATION  
 LOWER FEEDER- CONSTRUCTION OF BLOWOFF STRUCTURE AT STA. 80+40  
 LOWER FEEDER PROTECTION, IMPERIAL HWY AT ATSF RR TRACKS, SANTA FE SPRNGS  
 LOWER FEEDER STANDPIPE #22 REHABILITATION  
 LOWER FEEDER WR 33 - AREA REPAIR AND REMEDIATION  
 LOWER FEEDER, ALLEN MCCOLLCOCH  
 LOWER FEEDER, SCHEDULE 79C  
 LOWER FEEDER, SCHEDULE 80SC  
 LOWER FEEDER, STA 359+10  
 LOWER FEEDER, STA 421+15 TO 457+85  
 LOWER FEEDER: STA. 663+00 TO 793+80, SCH. 73SC (SPEC 455)  
 LOWER FEEDER: STA. 793+80 TO 919+54 SCH. 72, 73, 74  
 LOWER FEEDER: COTTAGE & DOUBLE GARAGE NEAR CNTRL. TOWER (SA CYN.)  
 LOWER FEEDER: STA. 524+05 TO 663+00 (W. BND. OF CORONA TO SA RIVER CYN.)  
 LV-02  
 LV-03  
 MAGAZINE CANYON CANOPY  
 MAGAZINE CANYON, ISOLATION GATE JACKING FRAME  
 MAGAZINE CANYON, VALVE REPLACEMENT FOR SAN FERNANDO TUNNEL  
 MAGAZINE CANYON-ISOLATION GATE JACKING FRAME  
 MECHANICAL / VENTURI TYPE METERS- DISTR SYSTEM (INTERIM CONST)  
 METER & CHLORINATION EQUIPMENT - ORANGE COUNTY FEEDER  
 METER- SERVICE CONNECTION PM - 17 UPPER FEEDER (INTERIM CONST)  
 METERING CIRCUITS MODIFICATIONS AT ETIWAND AND VALLEY VIEW POWER  
 MICROWAVE COMMUNICATION SITES BUILDING UPGRADE  
 MIDDLE CROSS FDR: STA 0+09.98 TO 285+40-GARFIELD-WADSWORTH AVE  
 MIDDLE CROSS FDR: STA. 285+40 TO 360+62.29 (WADSWORTH-FIGUEROA ST) ( SCH 54SC)  
 MIDDLE CROSS FDR: STA. 285+40 TO 360+62.29 (WADSWORTH-FIGUEROA ST) ( SCH 55SC)  
 MIDDLE CROSS FEEDER CATHODIC PROTECTION  
 MIDDLE FDR: STA. 7+53.65 TO 301+00 (GRAND AVE-BALDWIN PK.) SCH 57SC  
 MIDDLE FDR: STA. 7+53.65 TO 301+00 (LA VERNE-GRAND AVE.) SCH 56SC  
 MIDDLE FDR: STA. 759+00 TO 944+00 (BALDWIN PK-SO SAN GABE) SCH 59SC  
 MIDDLE FDR: STA. 944+00 TO 1105+50 (SO SAN GABE-GARVEY RSVR) SCH 59A  
 MIDDLE FEEDER - CATHODIC PROTECTION SYSTEMS  
 MIDDLE FEEDER - NORTH CATHODIC PROTECTION SYSTEM  
 MIDDLE FEEDER BLOW-OFF VALVE REPLACEMENT AT STA 782+53.16  
 MIDDLE FEEDER CHLORINATION STRUCTURE REHABILITATION AT WEYMOUTH WTP  
 MIDDLE FEEDER NORTH CATHODIC PROTECTION  
 MIDDLE FEEDER NORTH CATHODIC PROTECTION SYSTEM  
 MIDDLE FEEDER NORTH DRAINAGE AND PROTECTION RESTORATION  
 MIDDLE FEEDER PROTECTION AT RUSH ST. AND WALNUT GROVE AVE.  
 MIDDLE FEEDER- RELOCATE DURFEE AVE. STA. 758+00 TO 771+00  
 MIDDLE FEEDER RELOCATION FOR SCE MESA SUBSTATION  
 MIDDLE FEEDER SCHEDULE 76SC (SPEC NO. 524)  
 MIDDLE FEEDER SCHEDULE 77SC (SPEC NO. 524)  
 MIDDLE FEEDER SCHEDULE 78SC (SPEC NO. 524)  
 MIDDLE FEEDER SOUTH BLOWOFF VALVE REPLACEMENT AT STA. 782+54  
 MIDDLE FEEDER: STA. 244+75 TO 247+45 (SPEC NO. 416)  
 MIDDLE FEEDER: COTTAGE AND GARAGE AT RIO HONDO STRUCTURE  
 MILLS EGEN USST UPGRADE - LLD INSTALLATION  
 MILLS EMERGENCY GENERATOR PLC UPGRADE  
 MILLS FILT PLT, ADMIN BLDG EXPANSION  
 MILLS FILTR. PLANT- SERVICE CONNECTION WR-24A TURNOUT STRUCTURE  
 MILLS FILTRATION PLANT - INVESTIGATION TO RELOCATE ACCESS ROAD  
 MILLS PLANT (103469)  
 MILLS TURBIDITY EVENT, DR 1952, DECEMBER 2010 STATEWIDE STORMS  
 MILLS WEIR GATE AND FILTER VALVE REHABILITATION  
 MILLS, REPLACE WILLOWGLEN RTU  
 MINOR CAP 08/09 PLACEHOLDER  
 MINOR CAP FY 2009/10  
 MINOR CAP FY 2012/13  
 MINOR CAP FY 2014/16  
 MINOR CAPITAL PROJ - BOX SPRINGS FDR, INSTALL CHLOR DIFUSER  
 MINOR CAPITAL PROJ - FOOTHILL FDR, ELEC PWR BLOWOFF/CHLOR STRUC  
 MINOR CAPITAL PROJ - SD PIPEL #4 & 5-CORR CNTRL SYS  
 MINOR CAPITAL PROJ - SEPULVEDA FDR, SCH 123/ CORR MITIGATION  
 MINOR CAPITAL PROJECTS FOR FY 1989/90 - LONG BEACH LATERAL  
 MINOR CAPITAL PROJECTS FOR FY 1989/90 - SANTIAGO LATERAL CONTROL  
 MINOR CAPITAL PROJECTS FY 1988/89 - 2ND LOWER FEEDER  
 MINOR CAPITAL PROJECTS FY 1988/89 - INGLEWOOD LATERAL  
 MINOR CAPITAL PROJECTS FY 1988/89 - SANTA ANA CROSS FEEDER  
 MINOR CAPITAL PROJECTS FY 1988/89 - SEPULVEDA FEEDER  
 MINOR CAPITAL PROJECTS FY 1988/89 - WEST VALLEY FEEDER (50/50)  
 MINOR CAPITAL PROJECTS FY 2011-2012  
 MINOR CAPITAL PROJECTS- FY 74-75  
 MINOR CAPITAL PROJECTS- LAKEVIEW PIPELINE  
 MINOR CAPITAL PROJECTS PROGRAM 07/08 - REMAINING FUNDS

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

MINOR CAPITAL PROJECTS-DIST SYS, MULTIPLE ADDRESS SPECTRUM SYSTEM  
 MINOR CAPITAL PROJECTS-YORBA LINDA FEEDER  
 MISC  
 MODIFICATIONS OF EM-14 SERVICE CONNECTION  
 MONROVIA CANYON CROSSING SCHEDULE 9C  
 MONROVIA TUNNEL NO. 4  
 MONROVIA TUNNELS NO.1 & NO.2  
 MONROVIA TUNNELS NO.3  
 MONUMENT SIGNS FOR THE DIAMOND VALLEY LAKE FACILITY EAST AND WEST ENTRANCES  
 MORRIS RESERVOIR CONNECTION (SPEC NO. 338)  
 MOUNT OLYMPUS TUNNEL COST RIGHT-OF-WAY (ROW)  
 MP-01  
 MWD ROAD GUARDRAIL  
 MWD SHARE FOR DESIGN AND CONSTRUCTION OF SC. LA-35  
 MWD UNION STATION HEADQUARTERS VISITOR SECURITY SCREENING  
 NEW EMERGENCY SERVICE CONNECTION ON THE SEPULVEDA FDR FOR LADWP  
 NEWHALL AND BALBOA INLET TUNNELS  
 NEWHALL TUNNEL- LINER REPAIR  
 NEWHALL TUNNEL STEEL LINER REPAIR  
 NEWHALL TUNNEL-INSTALL LINER  
 NITROGEN STORAGE COMPLIANCE AT DVL, INLAND FEEDER PCS, AND LAKE MATHEWS  
 NITROGEN STORAGE STUDY  
 NO. PORTAL NEWHALL TUNNEL (CANCELLED)  
 NON PCCP LINES CONDITION INSPECTION AND ASSESSMENT  
 NORTH PORTAL OF HOLLYWOOD TUNNEL  
 NORTH REACH CONSTRUCTION / INSPECTION / CM  
 NORTH REACH CONSTRUCTION/ASBUILT  
 NORTH REACH ENVIRONMENTAL - CONSTRUCTION  
 NORTH REACH FINAL DESIGN & ADV/NTP  
 NORTH REACH POST DESIGN / ASBUILT  
 NORTH REACH PROGRAM MANAGEMENT - CONSTRUCTION  
 NORTHERN PIPELINE ENVIRONMENTAL FINAL DESIGN  
 NORTHERN PIPELINE RIGHT OF WAY FINAL DESIGN  
 OAK ST PCS REHABILITATION  
 OAK ST. PCS ROOF REPLACEMENT  
 OAK STREET PCS - VALVE REPLACEMENT  
 OAK STREET PCS- VALVE REPLACEMENT  
 OAK STREET PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
 OAK STREET PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT - CONSTRUCTION  
 OAK STREET PRESSURE CONTROL STRUCTURE VALVE ACTUATOR REPLACEMENT  
 OC - 70  
 OC - 70  
 OC - 71 SERVICE CONNECTION REPAIRS  
 OC 44 SERVICE CONNECTIONS & EOC#2 METER ACCESS ROAD REHAB  
 OC 88 FIRE SYSTEM PROTECTION UPGRADES  
 OC 88 PUMPING PLANT REHABILITATION  
 OC CATHODIC PROTECTION STA 1467+15 TO STA 2053+97  
 OC FEEDER CATHODIC PROTECTION SYSTEM REHABILITATION  
 OC FEEDER STA 1920+78 BLOWOFF STRUCTURE & RIP-RAP REPAIRS  
 OC RESERVOIR SODIUM HYPOCHLORITE PUMP AND PIPING REPLACEMENT  
 OC-01  
 OC-03  
 OC-03T  
 OC-04  
 OC-06  
 OC-07  
 OC-14  
 OC-18  
 OC-20  
 OC-21  
 OC-22  
 OC-23  
 OC-24  
 OC-25  
 OC-26  
 OC-27  
 OC-29  
 OC-30  
 OC-31  
 OC-32A  
 OC-33  
 OC-34  
 OC-35  
 OC-36  
 OC-37  
 OC-38 SERVICE CONNECTION MODIFICATION  
 OC-45  
 OC-46  
 OC-49  
 OC-50  
 OC-51  
 OC-52  
 OC-53  
 OC-54

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

OC-55  
 OC-56  
 OC-57  
 OC-59  
 OC-60  
 OC-61  
 OC-62  
 OC-63  
 OC-71 FLOW CONTROL FACILITY  
 OC-73  
 OC-88 - SECURITY FENCING AT PUMP PLANT  
 OC-88 EMERGENCY STANDBY GENERATOR UPGRADE STUDY  
 OC-88 FIRE PROTECTION UPGRADE  
 OC-88 PUMP PLANT AIR COMPRESSOR UPGRADE  
 OC-88 PUMP STATION CHILLERS REPLACEMENT  
 OC-88 PUMP STATION FLOW METER UPGRADE  
 OC-88 PUMP STATION PLC UPGRADE  
 OC-88 PUMP STATION UPGRADES  
 OC-88 PUMPING PLANT SURGE TANK UPGRADES  
 OC-88 PUMPING PLANT SURGE TANKS UPGRADES  
 OC-88 PUMPING PLANT UPGRADES  
 OC-88 PUMPING STATION, ENERGY SAVINGS  
 OC-89 AND OC-90 FLOW METER REPLACEMENT  
 OC-9  
 OC-MISC  
 OFFSITE WATER SERVICE - EASTERN MUNICIPAL WATER DISTRICT  
 OLINDA PCS AND SANTIAGO TOWER EMERGENCY GENERATORS  
 OLINDA PCS- SECURITY FENCING AND PAVING  
 OLINDA PCS VALVE REPLACEMENT  
 OLINDA PCS VIBRATION STUDY  
 OLINDA PRESSURE CONTROL FACILITY PAVEMENT REPAIR  
 OLINDA PRESSURE CONTROL STRUCTURE  
 OLINDA PRESSURE CONTROL STRUCTURE AND SANTIAGO TOWER EMERGENCY GENERATORS  
 OLINDA PRESSURE CONTROL STRUCTURE- LOWER FEEDER  
 OLINDA PRESSURE CONTROL STRUCTURE, VIBRATION MITIGATION, ROW ACQUISITION  
 ON-CALL RESOURCES MANAGEMENT APPLICATION  
 OPERATIONS CONTROL CENTER AT EAGLE ROCK  
 OPERATIONS CONTROL CENTER UPS REPLACEMENT  
 OPERATIONS SCOPING STUDY  
 ORANGE CO FDR, BLOW-OFF STRUCTURE AND ACCESS ROAD REPAIR  
 ORANGE CO FDR, FLOW CONTROL FACILITY  
 ORANGE COUNTY - 88 PUMP PLANT AIR COMPRESSOR UPGRADE  
 ORANGE COUNTY - 88 SECURITY FENCING AT PUMP PLANT  
 ORANGE COUNTY - CENTRAL CONTROL SYSTEM  
 ORANGE COUNTY AND RIVERSIDE/SAN DIEGO COUNTY OPERATING REGIONS VALVE REPLACEMENT  
 ORANGE COUNTY AREA DISTRIBUTION SYSTEM VALVE REPLACEMENT  
 ORANGE COUNTY C & D ELECTRICAL IMPROVEMENTS - STUDY  
 ORANGE COUNTY C&D ELECT STRUCT REHAB - STAGE 2  
 ORANGE COUNTY C&D INSTRUMENTATION PANEL IMPROVEMENTS  
 ORANGE COUNTY C&D REGION SERVICE CENTER  
 ORANGE COUNTY C&D TEAM SUPPORT FACILITY  
 ORANGE COUNTY CONVEYANCE AND DISTRIBUTION SERVICE CENTER  
 ORANGE COUNTY FDR - SVC CONN SA-3, REPLACE MECHICAL METER  
 ORANGE COUNTY FDR.-RELOCATE PRESSURE RELIEF STRUC., STA 1772+72  
 ORANGE COUNTY FDR.SERV.CONN.A-1,RELOC.METER CABINET & ELEC.SERV.  
 ORANGE COUNTY FEEDER  
 ORANGE COUNTY FEEDER CATHODIC PROTECTION  
 ORANGE COUNTY FEEDER- CATHODIC PROTECTION  
 ORANGE COUNTY FEEDER CATHODIC PROTECTION SYSTEM REHABILITATION  
 ORANGE COUNTY FEEDER DEWATERING IMPROVEMENTS  
 ORANGE COUNTY FEEDER EXTENSION LINING REPAIR  
 ORANGE COUNTY FEEDER- EXTENSION PROJECT FOR FREEWAY  
 ORANGE COUNTY FEEDER EXTENSION SCHEDULE 42S  
 ORANGE COUNTY FEEDER EXTENSION- VALVE STRUCTURE  
 ORANGE COUNTY FEEDER EXTN.TERMINUS REVISION:STA.2053+43 TO 2134+81  
 ORANGE COUNTY FEEDER EXTN: ADDTL" VALVES AT WILLITS ST. STRUCTURE  
 ORANGE COUNTY FEEDER INSPECTION  
 ORANGE COUNTY FEEDER INTERNAL INSPECTION STUDY  
 ORANGE COUNTY FEEDER LINING REPAIR - REACH 2  
 ORANGE COUNTY FEEDER LINING REPAIRS  
 ORANGE COUNTY FEEDER PRESSURE CONTROL STRUCTURES  
 ORANGE COUNTY FEEDER RELINING  
 ORANGE COUNTY FEEDER RELINING - REACH 3  
 ORANGE COUNTY FEEDER RELINING - REACHES 1 & 2  
 ORANGE COUNTY FEEDER RELOCATION (SPEC NO. 618)  
 ORANGE COUNTY FEEDER RELOCATION AT BALL ROAD  
 ORANGE COUNTY FEEDER RELOCATION IN FULLERTON  
 ORANGE COUNTY FEEDER- RELOCATION STA. 1278+00 TO 1292+00  
 ORANGE COUNTY FEEDER- REPLC. 20  
 ORANGE COUNTY FEEDER SCHEDULE 34P  
 ORANGE COUNTY FEEDER SCHEDULE 35P  
 ORANGE COUNTY FEEDER SCHEDULE 36P  
 ORANGE COUNTY FEEDER SCHEDULE 37SC  
 ORANGE COUNTY FEEDER SCHEDULE 37SC CATHODIC PROTECTION



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

ORANGE COUNTY FEEDER STA 1920+78 BLOWOFF STRUCTURE & RIP-RAP REPAIRS  
 ORANGE COUNTY FEEDER:INCASEMENT AT SANTA ANA FREEWAY CROSSING  
 ORANGE COUNTY FEEDER:MOTOR OPERATED FLOW REGULATING VALVE  
 ORANGE COUNTY FEEDER-CONSTRUCT BLOWOFF STRUCTURE AT STA. 251+00  
 ORANGE COUNTY FEEDER-MODIFY SANTA ANA RELIEF STRUCTURE  
 ORANGE COUNTY FEEDER-RELOCATE PIPE, STA. 473+21-52 TO STA. 473+5-82  
 ORANGE COUNTY FEEDER-RELOCATION AT KIMBERLY STORM CHANNEL  
 ORANGE COUNTY PIPELINES RIGHT-OF-WAY INFRASTRUCTURE  
 ORANGE COUNTY REGION C AND D ELECTRICAL STRUCTURES REHABILITATION  
 ORANGE COUNTY REGION ENVIRONMENTAL MITIGATION MONITORING  
 ORANGE COUNTY REGION RTU AIR CONDITIONER UNIT 1  
 ORANGE COUNTY RELIABILITY IMPROVEMENTS  
 ORANGE COUNTY RESERVOIR - INSTALL HYPOCHLORINATION STATIONS  
 ORANGE COUNTY RESERVOIR - PIEZOMETERS & SEEPAGE MONITORING AUTOMATION  
 ORANGE COUNTY RESERVOIR PIEZOMETERS AND SEEPAGE MONITORING AUTOMATION  
 ORMOND BEACH PROPERTY ACQUISITION  
 OXIDATION DEMONSTRATION PLANT CONTROL SYSTEM REPLACEMENT  
 P-02  
 P-03  
 P-04  
 P-05  
 P103016 OC-88 PUMPING STATION, ENERGY SAVINGS  
 P103329 SAN DIEGO PPLN 6, NORTH REACH FINAL DESIGN/ADV/NTP  
 P103331 NORTHERN PIPELINE RIGHT OF WAY FINAL DESIGN  
 P103485 SAN DIEGO PIPELINE 6, NORTH REACH  
 P103558 SAN DIEGO PIPELINE 6 NORTH REACH  
 P103560 SD6 - NORTH REACH POST DESIGN  
 P103567 PERRIS VALLEY PIPELINE, GENERAL  
 P103725 ENTRY CONTROL POINT STANDARDIZATION AND PERIMETER DEFENSE STUDY  
 P103726 CRITICAL LOCK IDENTIFICATION AND CHANGE-OUT  
 P103764 PERRIS VALLEY PIPELINE  
 P103765 PERRIS VALLEY PIPELINE TIE-IN (EMWD)  
 P103766 PERRIS VALLEY PIPELINE VALVE  
 P103801 SECURITY FENDING AT OC-88 PUMP PLANT  
 P103808 SAN DIEGO PIPELINE #4 VALVE REPLACEMENT  
 P103858 PERRIS VALLEY PIPELINE, NORTH REACH  
 P103946 SAN DIEGO PIPELINE REPAIR AT STATION 1268+57  
 P103994 BOX SPRING FEEDER REPAIR, PHASE 2  
 P103997 COPPER BASIN INTERIM CHLORINATION SYSTEM  
 P104027 MAGAZINE CANYON, VALVE REPLACEMENT FOR SAN FERNANDO TUNNEL  
 P104051 LAKE PERRIS BYPASS PIPELINE EXPLORATORY EXCAVATION  
 P104078 CROSS CONNECTION PREVENTION PROGRAM, PHASE II CONSTRUCTION  
 P104196 CALABASAS FEEDER STAGE 1 AND 2 REPAIRS  
 P104264 RELOCATION OF SC CENB-11 METER CABINET AND AIR VENT STRACK  
 P104614 INLAND FEEDER AND LAKEVIEW PIPELING INTERTIE  
 P104663 WEYMOUTH SOLAR POWER FACILITIES  
 P104685 WILLITS ST. PCS VALVE ACTUATOR REPLACEMENT  
 P104706 JENSEN OUTLET CHLORINE DIFFUSER AND SAMPLE PUMP MODIFICATIONS  
 P104731 WR-24D FLOWMETER REPLACEMENT  
 P104741 EAGLE ROCK CONTROL TOWER CATHOTIC PROTECTION REHABILITATION  
 P104760 SEPULVEDA FEEDER PCCP 2016 URGENT REPAIRS  
 P104790 MONUMENT SIGNS FOR DVLAKE FACILITY EAST AND WEST ENTRANCES  
 P104841 WEYMOUTH FLOCCULATOR REHABILITATION  
 P104871 CRA EAGLE MOUNTAIN PUMPING PLANT - DOMESTIC WATER LINE INSULATION  
 P104874 SECOND LOWER FEEDER PCCP REHABILITATION  
 P104876 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 2  
 P104877 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 3  
 P104881 SECOND LOWER FEEDER PCCP REHABILITATION  
 P104883 SECOND LOWER FEEDER PCCP REHABILITATION - REAL PROPERTY ACQUISITION  
 P104916 DVL ANGLER AVENUE ACCESS PROJECT  
 P104937 WHEELER GATE STORMWATER IMPROVEMENT  
 P104958 SKINNER ORP SWITCHGEAR BATTERY REPLACEMENT  
 P104959 SCADA NETWORK INTRUSION DETECTION SYSTEM  
 P104961 LAKE MATHEWS FENCING SECURITY UPGRADE  
 P104971 SKINNER SPILLWAY REHABILITATION  
 P104976 WATER ORDERING & EVENT SCHEDULING SYSTEM  
 P104991 JENSEN EGEN UST UPGRADE - LINE LEAK DETECTOR INSTALLATION  
 P104992 MILLS EGEN USST UPGRADE - LLD INSTALLATION  
 P104993 SKINNER EGEN UST UPGRADE - LLD INSTALLATION  
 P104994 UNION STATION EGEN UST UPGRADE, LINE LEAK DETECTOR INSTALLATION  
 P104996 EGIS INFRASTRUCTURE UPGRADE  
 P105002 SEPULVEDA WEST VALLEY AND EAST VALLEY FEEDERS INTERCONNECTION  
 P105023 SCADA NETWORK FIBER OPTIC SWITCH REPLACEMENT  
 P105026 SKINNER ELECTRICAL EQUIPMENT BUILDING 1 & 2  
 P105029 SKINNER ACCUSONIC FLOWMETER REPLACEMENT  
 P105032 WEYMOUTH ELECTRIC VEHICLE CHARGING STATION INSTALLATION  
 P105034 COLORADO RIVER AQUEDUCT CASA SIPHON  
 P105039 FOOTHILL FEEDER - CASTAIC VALLEY BLOW-OFF VALVES REPLACEMENT  
 P105045 DIEMER OZONE COOLING WATER ALTERNATIVE SOURCE  
 P105061 LOWER FEEDER STANDPIPE #22 REHABILITATION  
 P105062 SAN DIEGO PIPELINE NO. 2 ACCESS ROAD RELOCATION  
 P105064 OC 88 FIRE SYSTEM PROTECTION UPGRADES  
 P105070 SERVICE CONNECTION FLOWMETER REPLACEMENT  
 P105073 SANTA MONICA FEEDER CAST IRON PIPE REHABILITATION

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

P105094 DIEMER PLANT INFLUENT FLOWMETER  
 P105098 LOWER FEEDER BLOW-OFF DRAIN LINE REPLACEMENTS  
 P105101 JENSEN FILTER EFFLUENT TURBIDIMETER RELIABILITY  
 P105106 SANTA MONICA FEEDER INTERNAL SEAL INSTALLATION  
 P105107 LA VERNE BUILDING 40 COMPRESSED AIR UPGRADES  
 P105110 MILLS EMERGENCY GENERATOR PLC UPGRADE  
 P105114 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 8  
 P105118 PERRIS BYPASS PIPELINE SUMP PUMP REPLACEMENT  
 P105119 ORANGE COUNTY REGION RTU AIR CONDITIONER UNIT 1  
 P105123 CENTRAL BASIN, 48 BUBBLER AREA ACCESS IMPROVEMENT  
 P105124 LAKE PERRIS PIPELINE RELINING  
 P105127 OC-88 PUMP STATION PLC UPGRADE  
 P105137 RIALTO FEEDER STA 3820+00 MANHOLE REPLACEMENT  
 P105139 WCF/PVF INTERCONNECTION VALVE AUTOMATION  
 P105164 SAN DIEGO PIPELINE 1 RAINBOW TUNNEL LINER REHABILITATION  
 P105167 SAN GABRIEL PCS ELECTRICAL REPLACEMENTS  
 P105171 MIDDLE FEEDER CHLORINATION STRUCTURE REHABILITATION AT WEYMOUTH WTP  
 P105172 ALLEN MCCOLLOCH PIPELINE PCCP 2021 URGENT RELINING  
 P105187 F-01 CHECK VALVE REPLACEMENT  
 P105195 RIALTO FEEDER VALVE REPLACEMENT  
 P105201 OC-89 AND OC-90 FLOW METER REPLACEMENT  
 P105235 SEPULVEDA HEP TAILRACE COATINGS  
 P105240 WEST VALLEY FEEDER NO. 1 STRUCTURES - PIPING IMPROVEMENTS  
 PALOS ALTOS FEEDER - 108TH ST.  
 PALOS VERDES FDR - MODIFICATION OF CITY OF L A SERVICE CONNECTIONS  
 PALOS VERDES FDR - WASHINGTON ST. PCS REHABILITATION  
 PALOS VERDES FDR- LA CITY MODIFICATION OF SERVICE CONNECTION  
 PALOS VERDES FDR- WASHINGTON ST. PCS  
 PALOS VERDES FDR, 108TH ST PCS, VALVE REPLACEMENT  
 PALOS VERDES FEEDER - LONG BEACH LATERAL TURNOUT STRUCTURES STA. 1442+15 VALVE REPLACEMENT (NEED UD)  
 PALOS VERDES FEEDER - LONG BEACH LATERAL TURNOUT STRUCTURES STA. 1442+15 VALVE REPLACEMENTS  
 PALOS VERDES FEEDER PCS - VALVE REPLACEMENT  
 PALOS VERDES FEEDER- RELOCATE HARBOR AND ARTESIA FREEWAYS  
 PALOS VERDES FEEDER: ADDITIONAL  
 PALOS VERDES FEEDER-108TH ST. PCS, INSTALL ELECT. VALVE OPERATORS  
 PALOS VERDES FEEDER-CATHODIC PROTECTION SYSTEM  
 PALOS VERDES FEEDER-REHAB DOMINGUEZ CHAN (PROJECT 100851)  
 PALOS VERDES FEEDER-VALVE REHAB, DOMMINGUEZ CHNL  
 PALOS VERDES RESERVOIR - INSTALL HYPOCHLORINATION STATIONS  
 PALOS VERDES RESERVOIR, SPILLWAY ENERGY DISSIPATOR STRUCTURE MODIFICATION  
 PALOS VERDES RESERVOIR-REPLACE MONITORING DISPLAY & ALARM PANEL  
 PASADENA TUNNEL EXTENSION  
 PASADENA TUNNELS  
 PC-1 EFFLUENT OPEN CHANNEL TRASH RACK  
 PC-1 EFFLUENT OPEN CHANNEL TRASH RACK PROJECT  
 PCCP HYDRAULIC ANALYSES  
 PCCP HYDRAULIC MODELING  
 PCCP REHABILITATION - PROGRAM CEQA  
 PCCP REHABILITATION - PROGRAM MANAGEMENT  
 PCCP REHABILITATION, PROGRAM MANAGEMENT  
 PCCP RELIABILITY PROGRAM PIPELINE PROCUREMENT  
 PCCP STRUCTURAL PERFORMANCE RISK ANALYSIS  
 PERIMETER FENCING AT PLACERITA CREEK  
 PERMANENT LEAK DETECTION/PIPELINE MONITORING SYSTEM  
 PERRIS PCS - UNINTERRUPTIBLE POWER SOURCE SYSTEMS INSTALLATION  
 PERRIS BYPASS PIPELINE SUMP PUMP REPLACEMENT  
 PERRIS CONTROL FACIL. & CON. TO STATE DWR FAC.  
 PERRIS CONTROL FACILITY BYPASS & PCS UPGRADE  
 PERRIS CONTROL FACILITY PUMPBACK UPGRADES  
 PERRIS PCS ROOF REHAB  
 PERRIS PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
 PERRIS PUMPBACK COVER  
 PERRIS VALLEY PIPELINE  
 PERRIS VALLEY PIPELINE - DESIGN-BUILD (EMWD)  
 PERRIS VALLEY PIPELINE - GENERAL  
 PERRIS VALLEY PIPELINE - NORTH REACH  
 PERRIS VALLEY PIPELINE - RESERVED FOR STAGE II DESIGN / BUILD  
 PERRIS VALLEY PIPELINE - SOUTH REACH  
 PERRIS VALLEY PIPELINE - STUDY  
 PERRIS VALLEY PIPELINE - TIE-IN (WMWD)  
 PERRIS VALLEY PIPELINE - TUNNELS  
 PERRIS VALLEY PIPELINE - VALVES  
 PERRIS VALLEY PIPELINE DESIGN-BUILD (EMWD)  
 PERRIS VALLEY PIPELINE NORTH REACH  
 PERRIS VALLEY PIPELINE SOUTH REACH  
 PERRIS VALLEY PIPELINE TIE-IN (EMWD)  
 PERRIS VALLEY PIPELINE TIE-IN (WMWD)  
 PERRIS VALLEY PIPELINE VALVE  
 PERRIS VALLEY PIPELINE VALVES  
 PERRIS VALLEY PIPELINE, GENERAL  
 PERRIS VALLEY PIPELINE, NORTH REACH  
 PERRIS VALLEY SIPHON CONNECTION FOR EASTERN M.W.D.  
 PIPELINES AND FEEDERS, CONSTRUCTION STANDPIPE BRACING  
 PLACENTIA RAILROAD LOWERING PROJECT

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

PLACERITA CREEK PERIMETER FENCING  
 PLANT INFLUENT REDUNDANT FLOW METERING AND SPLITTING  
 PLATFORM REPLACEMENT AT VARIOUS C&D WRU STRUCTURES  
 PLC REPLACEMENT PHASE II  
 PM-01  
 PM-02  
 PM-03  
 PM-04  
 PM-05  
 PM-06  
 PM-07  
 PM-08  
 PM-09  
 PM-10  
 PM-11  
 PM-12  
 PM-14  
 PM-15A  
 PM-16  
 PM-17  
 PM-18  
 PM-19  
 PM-21  
 PM-22  
 PM-23  
 PM-24  
 PM-26  
 PM-26A NEW SERVICE CONNECTION, BIG DALTON CANYON  
 P-MISC  
 PM-MISC  
 POMONA VALLEY M.W.D. FACILITIES  
 PORTION OF CASA LOMA SIPHON  
 POWER MANAGEMENT SYSTEMS  
 POWER PLANT DISCHARGE ELIMINATION  
 PRELIMINARY OPERATION - TESTING & CONDITIONING (1938-1940)  
 PRESTRESSED CONCRETE CYLINDER PIPE - PHASE 2  
 PRESTRESSED CONCRETE CYLINDER PIPE (PCCP) STRUCTURAL PERFORMANCE RISK ANALYSIS  
 PRESTRESSED CONCRETE CYLINDER PIPE (PCCP), PHASE 2  
 PRESTRESSED CONCRETE CYLINDER PIPE -PHASE 3  
 PREVENTION OF CRA WATER MIGRATION TO SPW AT WEYMOUTH JUNCTION STRUCTURE  
 PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION OF ORANGE COUNTY  
 PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION OF SAN BERNARDINO COUNTY  
 PROGRAMMABLE LOGIC CONTROLLER (PLC) STANDARDIZATION  
 PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE LOS ANGELES CO. OPERATING REGION  
 PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE ORANGE COUNTY OPERATING REGION  
 PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE RIVERSIDE/SAN DIEGO CO. OPERATING REGION  
 PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE WESTERN SAN BERNARDINO COUNTY OPERATING REGION  
 PUDDINGSTONE SPILLWAY CROSS CONNECTION  
 PV MIDDLE CROSS, MIDDLE FEEDERS, ELECTROLYSIS TEST STATION  
 PV RESERVOIR HYPOCHLORITE PUMP AND PIPING REPLACEMENT  
 R&R FOR DISTRIBUTION  
 RAMONA PRESSURE CONTROL STRUCTURE  
 REAL PROPERTY ACQUISITION  
 REAL PROPERTY ACQUISITION FOR ALL 4 REGIONS  
 RECONSTRUCT ORANGE COUNTY FEEDER SERVICE CONNECTION PM-1  
 RED MOUNTAIN - OCT. 2007 FIRE DAMAGE - COMMUNICATION POWER TOWERS & METER STRUCTURES REPAIR/REPLACE (INCIDENT NO. 2007-1023-0271)  
 RED MOUNTAIN HEP FLOOD DAMAGE  
 RED MTN COMM. TOWER & METER STRUCTURE  
 REFURBISH CORONA HYDROELECTRIC GENERATOR COOLERS  
 REFURBISH OC-88 P-3000 & P-4000  
 REFURBISH SERVICE CONNECTION - LOWER MIDDLE FDR  
 REHABILITATION OF GREG AVENUE PCS CONTROL BUILDING INTERIOR  
 REHABILITATION OF METALLIC AND CONCRETE PIPELINES PHASE 1 - SELECT HIGH PRIORITY FEEDERS  
 REHABILITATION OF THE GREG AVE PCS CONTROL BUILDING INTERIOR  
 REIMBURSE PIPELINE PROTECTION COSTS  
 RELOCATION OF DATA CENTER TO SAN DIMAS FACILITY  
 RELOCATION OF ORANGE COUNTY FEEDER  
 RELOCATION OF PORTION OF ORANGE COUNTY FEEDER (MWD'S SHARE)  
 RELOCATION OF PORTION OF ORANGE COUNTY FEEDER (MWD'S SHARE)  
 RELOCATION OF SC CENB-11 METER CABINET AND AIR VENT STRACK  
 REMAINING PORTIONS  
 REMOVAL OF VALVE G-205 FROM MIDDLE FDR CEN. B-37  
 REPAIR 28 MANHOLE ON SANTA MONICA FEEDER  
 REPAIRS TO THE LA-35 DISCHARGE STRUCTURE  
 REPLACE EQUIPMENT ON UPPER FEEDER IN EAGLE ROCK (REPLACE 115)  
 REPLACE 2 FIRE & DOMESTIC WATER SYSTEM  
 REPLACE COMMUNICATION LINE TO THE SAN GABRIEL CONTROL TOWER  
 REPLACE COPPER GROUNDWIRES ON DESERT HIGH VOLTAGE TRANSMISSION TOWERS  
 REPLACE COPPER WIRE, PIPING, FOOTINGS/GROUNDING (103921)  
 REPLACE EXISTING EQP. ON UPPER FDR FROM LK.MATHEWS TO EAGLE ROCK  
 REPLACE FLOWMETER ON ORANGE COUNTY FEEDER- STA. 800+00  
 REPLACE FLOWMETERS IN SERVICE CONNECTIONS  
 REPLACE OUTDATE INSTRUMENTATION AND INVESTIGATE UPGRADS (103347)  
 REPLACE TWO FIRE AND DOMESTIC WATER SYSTEM PUMPS (103124)

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

REPLACE UNDERGROUND FUEL STORAGE TANKS AT ALL FACILITIES  
 REPLACE VALVE POSITION INDICATORS  
 REPLACE VALVE POSITION INDICATORS, SELECTED PRESSURE CONTROL STRUCTURES  
 REPLACEMENT OF 75 UNDERGROUND FUEL STORAGE TANKS - ALL FACILITIES  
 REPLACEMENT OF ACCUSONIC FLOWMETERS & SCADA REMOTE  
 REPLACEMENT OF COMMUNICATION LINE AT SAN GABRIEL TOWER  
 REPLACEMENT OF COMMUNICATION LINE AT SAN GABRIEL TOWER  
 REPLACEMENT OF RETIRED EQUIPMENT ON FIRST SAN DIEGO AQUEDUCT  
 REPLACEMENT/ RELINE AT-RISK PCCP LINES - STAGE 1  
 REPLACEMENT/RELINE AT-RISK PCCP LINES STAGE 1  
 REPLACING VALVES ON PALOS VERDES FEEDER (SPEC 483)  
 RIALTO FEEDER AND MILLS PLANT PUMP STATION  
 RIALTO FEEDER BROKEN BACK REPAIR  
 RIALTO FEEDER PCCP REHABILITATION - REACH 1  
 RIALTO FEEDER PCCP REHABILITATION - REACHES 2-3  
 RIALTO FEEDER REHABILITATION  
 RIALTO FEEDER REPAIR, STATION 3662+23  
 RIALTO FEEDER STA 3820+00 MANHOLE REPLACEMENT  
 RIALTO FEEDER VALVE REPLACEMENT  
 RIALTO FEEDER VALVE STRUCTURE  
 RIALTO FEEDER, ENHANCEMENTS AT SELECT LOCATIONS  
 RIALTO FEEDER, REPAIRS AT SELECT LOCATIONS, STUDY  
 RIALTO PIPELINE - CONSTRUCTION PHASE 1  
 RIALTO PIPELINE - CONSTRUCTION - PHASE 1  
 RIALTO PIPELINE - CONSTRUCTION PHASE 2  
 RIALTO PIPELINE - PHASE 2 CONSTRUCTION  
 RIALTO PIPELINE - PHASE 3 DESIGN  
 RIALTO PIPELINE AT DEVIL'S CANYON  
 RIALTO PIPELINE CATHODIC PROTECTION SYSTEM REHABILITATION  
 RIALTO PIPELINE- DELIVERY FACILITIES FOR CYCLIC STORAGE  
 RIALTO PIPELINE IMPROVEMENTS  
 RIALTO PIPELINE IMPROVEMENTS - CONSTRUCTION  
 RIALTO PIPELINE IMPROVEMENTS - CONSTRUCTION PHASE III  
 RIALTO PIPELINE IMPROVEMENTS - DESIGN PHASE 2  
 RIALTO PIPELINE IMPROVEMENTS - DESIGN PHASE 3  
 RIALTO PIPELINE IMPROVEMENTS - FINAL DESIGN  
 RIALTO PIPELINE IMPROVEMENTS - PHASE 2  
 RIALTO PIPELINE IMPROVEMENTS - VALVE PROCUREMENT  
 RIALTO PIPELINE IMPROVEMENTS PHASE 1  
 RIALTO PIPELINE IMPROVEMENTS PHASE 1 FINAL DESIGN  
 RIALTO PIPELINE PCCP REHABILITATION  
 RIALTO PIPELINE REPAIR @ STA 3196+44  
 RIALTO PIPELINE REPAIR AT THOMPSON CREEK  
 RIALTO PIPELINE REPAIRS AT STATION 3198+44  
 RIALTO PIPELINE VALVE PROCUREMENT  
 RIALTO PIPELINE, STA 2921+00 TO 2933+25  
 RIALTO PIPELINE, STA 3050+00 TO 3098+00  
 RIALTO PPLN- INSTALL 2 CATHDIC PROTECTION SYSTEM  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - LOS ANGELES COUNTY REGION  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - O. C. REGION  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - RIVERSIDE AND SAN DIEGO COUNTY REGION  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - WESTERN SAN BERNARDINO COUNTY REGION  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM RIVERSIDE SAN DIEGO  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM RIVERSIDE SAN DIEGO COUNTY REGION - STAGE 1  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM WESTERN SAN BERNARDINO COUNTY REGION - STAGE 1  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM WESTERN SAN BERNARDINO REGION - STAGE 2  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM WESTERN SAN BERNARDINO REGION - STAGE 3  
 RIGHT OF WAY SURVEY AND MAPPING  
 RIGHT-OF-WAY INFRASTRUCTURE PROTECTION PROGRAM WESTERN SAN BERNARDINO STAGE 1  
 RIO HONDO PRESSURE CONTROL STRUCTURE VALVE REPLACEMENTS  
 RIVERSIDE BRANCH LOWER FDER STATION 527+90  
 RIVERSIDE BRANCH, PLEASANT PEAK, COMMUNICATION BLDG ROOF REPLACEMENT  
 RIVERSIDE BRANCH, UPPER FDR, SANTA ANA RIVER BRIDGE, REPAIR LEAKING COUPLING  
 RIVERSIDE SAN BERNARDINO AND SAN DIEGO REGIONS C AND D ELECTRICAL STRUCTURES REHAB  
 ROBERT B. DIEMER FILTRATION PLANT - LAND ACQUISITION  
 ROOF REPLACEMENT AT SOTO ST. FACILITY  
 ROWIPP PROGRAMMATIC ENVIRONMENTAL DOCUMENT  
 ROWIPP PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR LOS ANGELES CO.  
 ROWIPP PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE ORANGE CO. OPERATING REGION  
 ROWIPP PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE RIVERSIDE/SAN DIEGO CO. OPERATING REGION  
 SA-02  
 SA-03  
 SA-04  
 SA-05  
 SA-6  
 SALE OF PARCEL 1408-12-4, I.C. 38274  
 SAN DIEGO #3 BLOWOFF TO PUMPWELL CONVERSION  
 SAN DIEGO 6, PROJECT MGMT  
 SAN DIEGO AND AULD VALLEY CANALS CONCRETE LINER REPAIR  
 SAN DIEGO AQUEDUCT: COTTAGE AND GARAGE AT RAINBOW  
 SAN DIEGO CANAL - EAST & WEST BYPASS SCREENING STRUCTURES STUDY  
 SAN DIEGO CANAL - ELECTRICAL VAULT & CONDUCTOR REPLACEMENT  
 SAN DIEGO CANAL - FENCING  
 SAN DIEGO CANAL - INSTALL ACOUSTIC FLOW METER

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

SAN DIEGO CANAL - PIEZOMETER  
 SAN DIEGO CANAL - REPLACE SODIUM BISULFATE TANK  
 SAN DIEGO CANAL - SEEPAGE STUDY  
 SAN DIEGO CANAL BISULFITE TANK REPLACEMENT  
 SAN DIEGO CANAL CONCRETE LINER  
 SAN DIEGO CANAL CONCRETE LINER REPLACEMENT ? SITE NO. 1055  
 SAN DIEGO CANAL DEWATERING SUMP  
 SAN DIEGO CANAL ENLARGEMENT PHASE 2  
 SAN DIEGO CANAL LINER REPAIR  
 SAN DIEGO CANAL LINER REPAIRS  
 SAN DIEGO CANAL MODIFICATION- 5 ADDITIONAL SIPHONS  
 SAN DIEGO CANAL PIEZOMETER  
 SAN DIEGO CANAL RADIAL GATE (V0-6) REHABILITATION  
 SAN DIEGO CANAL RADIAL GATE (VO-8) REHABILITATION  
 SAN DIEGO CANAL RADIAL GATE (VO-8) REHABILITATION..  
 SAN DIEGO CANAL RADIAL GATE REHAB  
 SAN DIEGO CANAL SEEPAGE  
 SAN DIEGO CANAL SEEPAGE STUDY  
 SAN DIEGO CANAL WEST BYPASS TRASH RACK  
 SAN DIEGO CANAL, REPLACE WEST SIDE FENCE  
 SAN DIEGO CANAL, SODIUM BISULFATE FEED SYSTEM  
 SAN DIEGO CANAL-FENCING REPLACEMENT  
 SAN DIEGO PIPELINE # 6 AREA STUDY  
 SAN DIEGO PIPELINE # 6 CONTRACT # 1  
 SAN DIEGO PIPELINE #4 VALVE REPLACEMENT  
 SAN DIEGO PIPELINE #6 ENVIRON MITIG  
 SAN DIEGO PIPELINE 1 & 2 REHABILITATION  
 SAN DIEGO PIPELINE 1 AND 2 STATION 1214 EXPOSURE REPAIR  
 SAN DIEGO PIPELINE 1 BLOW-OFF VALVE REPLACEMENT  
 SAN DIEGO PIPELINE 1 RAINBOW TUNNEL LINER REHABILITATION  
 SAN DIEGO PIPELINE 3 & 5 REMOTE CONTROL OF BYPASS  
 SAN DIEGO PIPELINE 3 PIPING MODIFICATIONS  
 SAN DIEGO PIPELINE 4 AND AULD VALLEY PIPELINE CARBON FIBER  
 SAN DIEGO PIPELINE 4 AND AULD VALLEY PIPELINE CARBON FIBER REPAIRS  
 SAN DIEGO PIPELINE 4 VALVE REPLACEMENT (103808)  
 SAN DIEGO PIPELINE 5 & LAKE SKINNER OUTLET REPAIR  
 SAN DIEGO PIPELINE 5 AND LAKE SKINNER OUTLET CONDUIT  
 SAN DIEGO PIPELINE 6 - PRESSURE CONTROL STRUCTURE/HYDROELECTRIC PLANT - FEASIBILITY STUDY  
 SAN DIEGO PIPELINE 6 NORTH REACH ENVIRONMENTAL MONITORING DURING CONSTRUCTION  
 SAN DIEGO PIPELINE 6 NORTH REACH, ENVIRONMENTAL MONITORING DURING CONSTRUCTION  
 SAN DIEGO PIPELINE 6 NORTH REACH, PROGRAM MANAGEMENT FOR CONSTRUCTION  
 SAN DIEGO PIPELINE 6 PROGRAM MGT  
 SAN DIEGO PIPELINE 6, NORTH REACH  
 SAN DIEGO PIPELINE CONTRACT # 2 MT OL  
 SAN DIEGO PIPELINE NO. 1 JOINT REPAIR  
 SAN DIEGO PIPELINE NO. 2 ACCESS ROAD RELOCATION  
 SAN DIEGO PIPELINE NO. 2 AND 3 -MODIFY INTERCONNECTION  
 SAN DIEGO PIPELINE NO. 3 BYPASS  
 SAN DIEGO PIPELINE NO. 3 PIPING MODIFICATIONS  
 SAN DIEGO PIPELINE NO. 5 - OCT. 2007 FIRE DAMAGE - REPLACE ABOVE GROUND CORROSION CONTROL SYSTEM EQUIPMENT, AND STRUCTURAL APPURTENANCES  
 SAN DIEGO PIPELINE NO. 6 - RIVERSIDE BRANCH - ETIWANDA FACILITY/DROP INLET STRUCTURE  
 SAN DIEGO PIPELINE NO. 6 - RIVERSIDE BRANCH - PLEASANT PEAK, COMMUNICATIONS  
 SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL CONSTRUCTION - AS BUILT  
 SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL COST OF RIGHT OF WAY (OPTIONAL PORTAL SITE)  
 SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL ENVIRONMENTAL CONSTRUCTION  
 SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL ENVIRONMENTAL PRELIMINARY DESIGN  
 SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL PRELIMINARY DESIGN  
 SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL PROGRAM MANAGEMENT  
 SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL RIGHT OF WAY PRELIMINARY DESIGN  
 SAN DIEGO PIPELINE NO. 6 - CONTRACT NO.1 SAN DIEGO CANAL TO MOUNT OLYMPUS  
 SAN DIEGO PIPELINE NO. 6 - CONTRACT NO.2 MOUNT OLYMPUS TUNNEL & PORTALS  
 SAN DIEGO PIPELINE NO. 6 - NORTH REACH CONSTRUCTION - AS BUILT  
 SAN DIEGO PIPELINE NO. 6 - NORTH REACH ENVIRONMENTAL - CONSTRUCTION  
 SAN DIEGO PIPELINE NO. 6 - NORTH REACH ENVIRONMENTAL PRELIMINARY DESIGN  
 SAN DIEGO PIPELINE NO. 6 - NORTH REACH FINAL DESIGN & ADV/NTP  
 SAN DIEGO PIPELINE NO. 6 - NORTH REACH POST DESIGN  
 SAN DIEGO PIPELINE NO. 6 - NORTH REACH PRELIMINARY DESIGN  
 SAN DIEGO PIPELINE NO. 6 - NORTH REACH PROGRAM MANAGEMENT - CONSTRUCTION  
 SAN DIEGO PIPELINE NO. 6 - NORTH REACH PROGRAM MANAGEMENT - DESIGN  
 SAN DIEGO PIPELINE NO. 6 - NORTH REACH RIGHT OF WAY FINAL DESIGN  
 SAN DIEGO PIPELINE NO. 6 - NORTH REACH RIGHT OF WAY PRELIMINARY DESIGN  
 SAN DIEGO PIPELINE NO. 6 - NORTHERN PIPELINE COST OF RIGHT OF WAY  
 SAN DIEGO PIPELINE NO. 6 - NORTHERN REACH ENVIRONMENTAL FINAL DESIGN  
 SAN DIEGO PIPELINE NO. 6 - OPERATIONS SCOPING STUDY  
 SAN DIEGO PIPELINE NO. 6 - PIPELINE/TUNNEL STUDY - DESIGN  
 SAN DIEGO PIPELINE NO. 6 - PIPELINE/TUNNEL STUDY - ENVIRONMENTAL  
 SAN DIEGO PIPELINE NO. 6 - PIPELINE/TUNNEL STUDY - PROJECT MANAGEMENT  
 SAN DIEGO PIPELINE NO. 6 - PIPELINE/TUNNEL STUDY - RIGHT OF WAY  
 SAN DIEGO PIPELINE NO. 6 - PROJECT MANAGEMENT  
 SAN DIEGO PIPELINE NO. 6 - RIGHT OF WAY  
 SAN DIEGO PIPELINE NO. 6 - SOUTH REACH - PROGRAM MANAGEMENT  
 SAN DIEGO PIPELINE NO. 6 - SOUTH REACH / TUNNEL STUDY  
 SAN DIEGO PIPELINE NO. 6 - SOUTH REACH CONSTRUCTION / AS BUILT  
 SAN DIEGO PIPELINE NO. 6 - SOUTH REACH COST OF RIGHT OF WAY

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

SAN DIEGO PIPELINE NO. 6 - SOUTH REACH ENVIRONMENTAL - CONSTRUCTION  
 SAN DIEGO PIPELINE NO. 6 - SOUTH REACH ENVIRONMENTAL FINAL DESIGN  
 SAN DIEGO PIPELINE NO. 6 - SOUTH REACH ENVIRONMENTAL PRELIMINARY DESIGN  
 SAN DIEGO PIPELINE NO. 6 - SOUTH REACH FINAL DESIGN/ADV  
 SAN DIEGO PIPELINE NO. 6 - SOUTH REACH PRELIMINARY DESIGN  
 SAN DIEGO PIPELINE NO. 6 - SOUTH REACH RIGHT OF WAY FINAL DESIGN  
 SAN DIEGO PIPELINE NO. 6 - SOUTH REACH RIGHT OF WAY PRELIMINARY DESIGN  
 SAN DIEGO PIPELINE NO. 6 - SOUTH REACH TUNNEL ALIGNMENT ANALYSIS  
 SAN DIEGO PIPELINE NO. 6 AREA STUDY  
 SAN DIEGO PIPELINE NO. 6 ENVIRONMENTAL MITIGATION  
 SAN DIEGO PIPELINE NO.4 & AULD VALLEY PIPELINE CARBON FIBER REPAIR STUDY  
 SAN DIEGO PIPELINE NOS. 1AND 3 - VALVE REPLACEMENT  
 SAN DIEGO PIPELINE REPAIR AT STATION 1268+57  
 SAN DIEGO PIPELINES 1 & 2, STA 1120+00 TO 1149+00  
 SAN DIEGO PIPELINES 1 & 2, STA 113+00 TO 1159+00  
 SAN DIEGO PIPELINES 1 & 2, STA 1151+00 TO 1169+00  
 SAN DIEGO PIPELINES 1 & 2, STA 1358+00 TO 1366+50  
 SAN DIEGO PIPELINES 1 & 2, STA 1358+00 TO 1369+00  
 SAN DIEGO PIPELINES 1 & 2, STA 1367+00 TO 1380+00  
 SAN DIEGO PIPELINES 1 AND 3, VALVE REPLACEMENT STUDY  
 SAN DIEGO PIPELINES 3 & 5 VACUUM VALVE REPLACEMENT PROJECT  
 SAN DIEGO PPLN 6 CIP  
 SAN DIEGO PPLN 6, ENVIRONMENTAL MITIGATION PLANNING, INITIATION PHASE  
 SAN DIEGO PPLN 6, ENVIRONMENTAL NORTHERN PPLN, PRELIMINARY DESIGN  
 SAN DIEGO PPLN 6, NORTH REACH FINAL DESIGN/ADV/NTP  
 SAN DIEGO PPLN 6, NORTHERN PPLN, PRELIMINARY DESIGN  
 SAN DIEGO PPLN 6, PPLN AND TUNNEL ENGR STUDIES, INITIATION PHASE  
 SAN DIEGO PPLN 6, PROJECT MGMT, INITIATION PHASE  
 SAN DIEGO PIPE NO.5-SCH SD-16, SKINNER TO TEMECULA (SPEC NO. 1065)  
 SAN DIEGO PIPE NO.5-SCH SD-17, TEMECULA TO DELIVERY POINT  
 SAN DIMAS AND RED MOUNTAIN POWER PLANTS STANDBY DIESEL ENGINE GENERATOR REPLACEMENTS  
 SAN DIMAS AND RED MOUNTAIN POWER PLANTS STANDBY DIESEL ENGINE GENERATOR REPLACEMENTS  
 SAN DIMAS CONTROL STRUCTURE 500 GALLONS DIESEL TANK REPLACEMENT  
 SAN DIMAS HEP BATTERY BANK AND GENERATOR BREAKER  
 SAN DIMAS PCS - UNINTERRUPTIBLE POWER SOURCE SYSTEMS INSTALLATION  
 SAN DIMAS POWER PLANT  
 SAN FRANCISQUITO PIPELINE BLOW OFF STRUCTURE, STA 287+70, ACCESS ROAD CONSTRUCTION  
 SAN FRANCISQUITO PIPELINE BLOWOFF STRUCTURE  
 SAN GABRIEL CANYON CROSSING SCHEDULE 8C  
 SAN GABRIEL PCS ELECTRICAL REPLACEMENTS  
 SAN GABRIEL PRESSURE CONTROL STRUCTURE (SPEC NO. 566)  
 SAN GABRIEL RIVER SPILLWAY (WEIR 1037.5)  
 SAN GABRIEL TOWER AND SPILLWAY IMPROVEMENTS  
 SAN GABRIEL TOWER SEISMIC UPGRADE  
 SAN GABRIEL TOWER SLIDE GATE  
 SAN GABRIEL TOWER SLIDE GATE REHABILITATION  
 SAN JACINTO #1 AND #2 CASA LOMA FAULT CROSSING STRUCTURE UPGRADE  
 SAN JACINTO DIVERSION STRUCTURE SLIDE GATE (V-03) REPAIRS  
 SAN JACINTO DIVERSION STRUCTURE SLIDE GATE V-03 REPLACEMENT  
 SAN JACINTO DIVERSION STRUCTURE SLIDE GATES V-01 V-02 REPAIR  
 SAN JACINTO PIPELINE, STA 82+50 TO 88+00  
 SAN JOAQUIN PRESSURE RELIEF STRUCTURE FOR THE EAST ORANGE COUNTY FEEDER 2  
 SAN JOAQUIN RELIEF STRUCTURE FOR EASTERN ORANGE COUNTY FEEDER #2  
 SAN JOAQUIN RELIEF STRUCTURE FOR EASTR OC FDR #2  
 SAN JOAQUIN RESERVOIR, INSTALL BULKHEAD  
 SAN JUAN TUNNEL (SPEC NO. 437)  
 SAN MARINO LATERAL: STA. 0+00 TO 54+10, SCH. 45SC  
 SAN RAFAEL TUNNELS NO. 1 & NO. 2  
 SANTA ANA CROSS FDR(FORMERLY EL TORO PIPELINE) CONNECTS OC AND EOC#2 FDRS  
 SANTA ANA CROSS FDR-RELOCATE FLOWER STREET STORM DRAINAGE  
 SANTA ANA RIVER BRIDGE EXPANSION JOINT REPLACEMENT  
 SANTA ANA RIVER BRIDGE SCHEDULE 2B  
 SANTA ANA RIVER BRIDGE SEISMIC RETROFIT  
 SANTA ANA RIVER BRIDGE SEISMIC UPGRADE  
 SANTA ANA RIVER DISCHARGE PAD - UPPER FEEDER  
 SANTA MONICA AND CALABASAS FEEDER BYPASS FOR SECTIONALIZING VALVES  
 SANTA MONICA FD.-MODIFY MANHOLE & BLOWOFF STRUCTURE,STA. 4504-86  
 SANTA MONICA FDR - HOLLYWOOD TNL. REPLACE 16  
 SANTA MONICA FDR SUNSET RELIEF STRUCTURE  
 SANTA MONICA FDR.-HOLLYWOOD TUNNEL REPL.16  
 SANTA MONICA FEEDER - REPAIR MANHOLE RISERS  
 SANTA MONICA FEEDER - REPLACE CAST IRON FLANGES ON LOWER  
 SANTA MONICA FEEDER- BETTERMENT OF SERVICE CONNECTION BH-1  
 SANTA MONICA FEEDER CAST IRON PIPE REHABILITATION  
 SANTA MONICA FEEDER CATHODIC PROTECTION..  
 SANTA MONICA FEEDER- HOLLYWOOD TNNL CONTROL STRUCT. REPL.VALVE  
 SANTA MONICA FEEDER INTERNAL SEAL INSTALLATION  
 SANTA MONICA FEEDER RELOCATION  
 SANTA MONICA FEEDER SCHEDULE 29SC (SPEC NO. 328)  
 SANTA MONICA FEEDER SCHEDULE 30SC  
 SANTA MONICA FEEDER SCHEDULE 31P  
 SANTA MONICA FEEDER SCHEDULE 32C1 (SPEC NO. 333)  
 SANTA MONICA FEEDER SCHEDULE 33C1  
 SANTA MONICA FEEDER STATION 495+10 REHABILITATION



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

SANTA MONICA FEEDER STATION REHABILITATION  
 SANTA MONICA FEEDER-GLENDALE SERVICE CONNECTION G-2 RECON T/2  
 SANTA MONICA FEEDER-REPLACE CAST IRON FLANGES (PROJECT 102725)  
 SANTA MONICA FEEDER-SUNSET RELIEF STRUCTURE-MODIFY STA. 433022  
 SANTIAGO CONTROL TOWER CATHODIC PROTECTION  
 SANTIAGO CONTROL TOWER SEISMIC IMPROVEMENTS  
 SANTIAGO LATERAL ACCESS ROAD REPAIR  
 SANTIAGO LATERAL- MOTOR FOR VALVE AT STA 216+40  
 SANTIAGO LATERAL REPLACE MOTOR - OPERATED VALVE  
 SANTIAGO LATERAL SECTIONALIZATION VALVE REPLACEMENT  
 SANTIAGO LATERAL STA 216+40 BUTTERFLY VALVE REPLACEMENT  
 SANTIAGO LATERAL, REPLACE MOTOR OPERATED VALVE  
 SANTIAGO LATERAL, REPLACE MOTOR OPERATED VALVE (103233)  
 SANTIAGO LATERAL: STA. 112+90 TO 451+40,, SCH. 91P (SPEC NO. 477)  
 SANTIAGO LATERAL: STA. 0+00 TO 112+90 & SPILLWAY DISCHG. LN, SCH 90SC  
 SANTIAGO PRESSURE CONTROL STRUCTURE  
 SANTIAGO TOWER ACCESS ROAD IMPROVEMENT  
 SC-1  
 SC-2A & B  
 SC-3  
 SC-4  
 SC-5A & B  
 SCADA COMMUNICATIONS BACKBONE RELIABILITY UPGRADE  
 SCADA COMMUNICATIONS MPLS UPGRADE - AT&T REGION (MINOR CAP)  
 SCADA COMMUNICATIONS MPLS UPGRADE - VERIZON REGION (MINOR CAP)  
 SCADA NETWORK INTRUSION DETECTION SYSTEM  
 SCADA SYSTEM HARDWARE UPGRADE  
 SCADA SYSTEM NT SOFTWARE UPGRADE  
 SCADA SYSTEM SUPPORT PROGRAMS  
 SCADA, REPLACE AREA CONTROLS  
 SD 03 & 04  
 SD AND CASA LOMA CANALS LINING  
 SD CANAL EAST & WEST BYPASS SCREENING STRUCTURES STUDY  
 SD CANAL REPLACE SODIUM BISULFITE TANK  
 SD PIPELINE 3 CULVERT ROAD REHAB  
 SD PIPELINE 3,4, AND 5 PROTECTIVE COVER  
 SD PIPELINE 4 EXPLORATORY EXCAVATION  
 SD PIPELINE 5 EXPLORATORY EXCAVATION  
 SD PIPELINES 3 AND 5 REMOTE CONTROL BYPASS STRUCTURE GATES AND ISOLATION VALVES  
 SD-02  
 SD-04  
 SD-05  
 SD-08  
 SD-09  
 SD-10  
 SD-11  
 SD6 - NORTH REACH POST DESIGN  
 SD-MISC  
 SECOND LOWER & SEPULVEDA FEEDERS SCI DRAIN STATIONS  
 SECOND LOWER CROSS FEEDER - VALVE PROCUREMENT  
 SECOND LOWER CROSS FEEDER CONSTRUCTION  
 SECOND LOWER CROSS FEEDER FINAL DESIGN  
 SECOND LOWER FDR, REPAIRS AT SELECT LOCATIONS  
 SECOND LOWER FEEDER - INSTALL LINER  
 SECOND LOWER FEEDER - STEEL LINER IN PORTION  
 SECOND LOWER FEEDER CATHODIC PROTECTION SYSTEM  
 SECOND LOWER FEEDER CURRENT MITIGATION REFURBISHMENT  
 SECOND LOWER FEEDER PCCP - REACHES 7, AND 10  
 SECOND LOWER FEEDER PCCP 2016 URGENT REPAIRS  
 SECOND LOWER FEEDER PCCP REHAB, R/W ACQUISITION  
 SECOND LOWER FEEDER PCCP REHAB. - REACH 9  
 SECOND LOWER FEEDER PCCP REHABILITATION  
 SECOND LOWER FEEDER PCCP REHABILITATION - PRELIMINARY DESIGN  
 SECOND LOWER FEEDER PCCP REHABILITATION - PIPE PROCUREMENT DOCUMENTS  
 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 1  
 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 11  
 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 2  
 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 3  
 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 5  
 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 6  
 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 8  
 SECOND LOWER FEEDER PCCP REHABILITATION - REAL PROPERTY ACQUISITION  
 SECOND LOWER FEEDER PCCP REHABILITATION - VALVE PROCUREMENT  
 SECOND LOWER FEEDER PCCP REPAIRS  
 SECOND LOWER FEEDER REHABILITATION REACH 3 ACOUSTIC FIBER OPTIC PCCP MONITORING SYSTEM  
 SECOND LOWER FEEDER RELIABILITY AT 3 LOCATIONS - SEISMIC STUDY  
 SECOND LOWER FEEDER- SCH. 107-DIEMER PLNT. TO C.CRK.CONTROL STRUCT.  
 SECOND LOWER FEEDER- SCH. 108  
 SECOND LOWER FEEDER- SCH. 110 & 111- STA. 830+00 TO 1050+00  
 SECOND LOWER FEEDER- SCH. 114 & 115  
 SECOND LOWER FEEDER, BIXBY VALVE REPLACEMENT  
 SECOND LOWER FEEDER-CARBON CREEK PRESSURE CONTROL STRUCTURE  
 SECOND LOWER FEEDER-SCH.112 -WOODRUFF TO W. OF LONG BEACH BLVD.  
 SECOND LOWER FEEDER-SCH.113 -W. OF LONG BEACH BLVD.TO ALAMEDA ST.

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

SECOND SAN DIEGO ACQUEDUCT, MISCELLANEOUS CREDITS (SPEC NO. 554)  
 SECOND SAN DIEGO ACQUEDUCT, SCHEDULE SD1C (SPEC NO. 554)  
 SECOND SAN DIEGO ACQUEDUCT, SCHEDULE SD2C (SPEC NO. 554)  
 SECOND SAN DIEGO ACQUEDUCT, SCHEDULE SD3C (SPEC NO. 554)  
 SECOND SAN DIEGO ACQUEDUCT, SCHEDULE SD4C (SPEC NO. 554)  
 SECOND SAN DIEGO AQUEDUCT, SCHEDULE SD10P (SPEC. NO. 537)  
 SECOND SAN DIEGO AQUEDUCT, SCHEDULE SD8P (SPEC. NO. 537)  
 SECOND SAN DIEGO AQUEDUCT, SCHEDULE SD9P (SPEC. NO. 537)  
 SECOND SAN DIEGO AQUEDUCT3, SCHEDULE SD11SC (SPEC. NO. 537)  
 SECURITY FENDING AT OC-88 PUMP PLANT  
 SEISMIC UPGRADE OF 11 FACILITIES ON THE ALLEN MCCOLLOCH PIPELINE  
 SEISMIC UPGRADES AT 10 SERVICE CONNECTION STRUCTURES ALONG AMP  
 SELECTED PRESSURE CONTROL STRUCTURES-REPLACE VALVE POSITION INDICATORS  
 SELECTED PRESSURE REPLACE VALVE POSITION INDICATORS  
 SEPULVEDA CANYON CONTROL FACILITY BYPASS PROJECT  
 SEPULVEDA CANYON CONTROL FACILITY RELIABILITY IMPROVEMENTS  
 SEPULVEDA CANYON CONTROL FACILITY WATER STORAGE TANKS SEISMIC UPGRADE  
 SEPULVEDA CANYON PCS TO VENICE PCS VALVE REPLACEMENTS  
 SEPULVEDA CANYON POWER PLANT TAIL RACE COATINGS  
 SEPULVEDA CANYON TANKS EXTERIOR AND INTERIOR RECOATING  
 SEPULVEDA FDR & 2ND FDR, CORROSION CTRL  
 SEPULVEDA FDR, WEST VALLEY FDR. NO.1- MODIF.OF STRUCTURES PHASE II  
 SEPULVEDA FEEDER - CARBON FIBER LINER REPAIRS  
 SEPULVEDA FEEDER CATHODIC PROTECTION SYSTEM  
 SEPULVEDA FEEDER CFRP URGENT RELINING  
 SEPULVEDA FEEDER CORROSION/INTERFERENCE MITIGATION, STATION 950+00 TO 1170+00  
 SEPULVEDA FEEDER- CULVER CITY FDR. TO WEST COAST FDR.  
 SEPULVEDA FEEDER- EL SEGUNDO BLVD. TO 220TH ST.,SCH. 133 AND 134  
 SEPULVEDA FEEDER HEP AUTO PILOT  
 SEPULVEDA FEEDER- INTERCONNECT BALBOA TUNNEL TO 1ST LA AQ (DWP)  
 SEPULVEDA FEEDER PCCP 2016 URGENT REPAIRS  
 SEPULVEDA FEEDER PCCP CARBON FIBER JOINT REPAIRS  
 SEPULVEDA FEEDER PCCP DEL AMO BLVD URGENT RELINING  
 SEPULVEDA FEEDER PCCP REHABILITATION - REACH 1  
 SEPULVEDA FEEDER PCCP REHABILITATION - REACH 2  
 SEPULVEDA FEEDER PCCP REHABILITATION - REACH 3  
 SEPULVEDA FEEDER PCCP REHABILITATION - REACH 4  
 SEPULVEDA FEEDER PCCP REHABILITATION - REACH 5  
 SEPULVEDA FEEDER PCCP REHABILITATION - SOUTH REACH PDR AND NORTH REACH PDR THROUGH CONSTRUCTION  
 SEPULVEDA FEEDER PIPELINE REPAIR  
 SEPULVEDA FEEDER REPAIRS AT 3 SITES  
 SEPULVEDA FEEDER- SCH. 123, 124 AND 125  
 SEPULVEDA FEEDER- SEPULVEDA CANYON CONTROL FACILITY  
 SEPULVEDA FEEDER- SEPULVEDA TUNNEL TO SLAUSON AVE.  
 SEPULVEDA FEEDER- SEPULVEDA TUNNEL, SCH.126  
 SEPULVEDA FEEDER SOUTH CATHODIC PROTECTION SYSTEM  
 SEPULVEDA FEEDER STATION 2002+02 TO 2273+28 STRAY CURRENT INTERFERENCE MITIGATION  
 SEPULVEDA FEEDER STRAY CURRENT MITIGATION  
 SEPULVEDA FEEDER STRAY CURRENT MITIGATION REFURBISHMENT  
 SEPULVEDA FEEDER SYSTEM- CALABASAS FEEDER  
 SEPULVEDA FEEDER- VENICE PRESSURE CONTROL STRUCTURE  
 SEPULVEDA FEEDER, RELOCATION OF AIR VENT  
 SEPULVEDA FEEDER/EAST VALLEY FEEDER INTERCONNECTION ELECTRICAL UPGRADES  
 SEPULVEDA FEEDER-SCH.119,120,121& 122-BALBOA TRT.PLT. TO CHTSWRTH.ST  
 SEPULVEDA HEP AUTO PILOT VALVES  
 SEPULVEDA HEP TAILRACE COATINGS  
 SEPULVEDA PCS - PERIMETER ASPHALT REPAIRS  
 SEPULVEDA PIPELINE PCCP REHABILITATION  
 SEPULVEDA TANKS CATHODIC PROTECTION SYSTEM  
 SEPULVEDA WEST VALLEY AND EAST VALLEY FEEDERS INTERCONNECTION  
 SEPULVEDAFEEDER/EASTVALLEYFEEDERINTERCONNECTIONELECTRICALUPGRADES  
 SEPULVEDA-WEST BASIN INTERCONNECTION VALVE REPLACEMENT  
 SEPULVEDA-WEST BASIN INTERCONNECTION VALVE REPLACEMENTS  
 SEPULVEDA FDR-STRAY CURRENT INTERFERENCE  
 SERVICE AREA INTERCONNECTION ENHANCEMENT PROGRAM  
 SERVICE CONN. DW-CV-4, VALVE STRUCTURE,WATER SIPHON, STA. 9698+00  
 SERVICE CONN. DW-CV-4,WHITE WATER SIPHON (2ND BARREL)STA. 9698+00  
 SERVICE CONNECTION A-02 REHABILITATION  
 SERVICE CONNECTION B-06 CITY OF BURBANK  
 SERVICE CONNECTION C8-19 SAN GABRIEL VALLEY WATER  
 SERVICE CONNECTION CB-11B - CHINO BASIN  
 SERVICE CONNECTION CB-14 Y CB20 IE UTIL  
 SERVICE CONNECTION CENB-29 EQUIPMENT RELOCATION  
 SERVICE CONNECTION CENB-54-STA-168 CENTRAL BASIN MWD  
 SERVICE CONNECTION CENB-55 CENTRAL BASIN MWD  
 SERVICE CONNECTION CLWA-01 - MODIFICATIONS  
 SERVICE CONNECTION CM-5 CITY OF NEW PORT  
 SERVICE CONNECTION EM-01A  
 SERVICE CONNECTION EM-20  
 SERVICE CONNECTION EM-20 - EASTERN  
 SERVICE CONNECTION EM20 SURGE ANALYSIS  
 SERVICE CONNECTION EM-22  
 SERVICE CONNECTION EM-23  
 SERVICE CONNECTION F-08 MODIFICATIONS - FULLERTON

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

SERVICE CONNECTION FLOWMETER REPLACEMENT  
 SERVICE CONNECTION G-03 CITY OF GLENDALE  
 SERVICE CONNECTION IRVINE RANCH WATER DIST, OC33 MOD  
 SERVICE CONNECTION LA 25, BYPASS PIPELINE  
 SERVICE CONNECTION LA-100 - LOS ANGELES  
 SERVICE CONNECTION LA-17 FLOWMETER REPLACEMENTS  
 SERVICE CONNECTION LA-17 REHABILITATION  
 SERVICE CONNECTION LA-29 MODIFICATIONS - LOS ANGELES  
 SERVICE CONNECTION LA-37A - LOS ANGELES  
 SERVICE CONNECTION LB-01 - LONG BEACH  
 SERVICE CONNECTION LB-01D - LONG BEACH  
 SERVICE CONNECTION LOS ANGELES 5  
 SERVICE CONNECTION LOS ANGELES 7  
 SERVICE CONNECTION LV-01 UPGRADES  
 SERVICE CONNECTION LV-03 LAS VIRGENES MWD  
 SERVICE CONNECTION OC-26 - RELOCATION OF METER CABINET, INSTRUMENT HOUSING & AIR VENT STACK  
 SERVICE CONNECTION OC-26, RELOCATION OF METER CABINET, INSTRUMENT  
 SERVICE CONNECTION OC-38 - ORANGE CITY  
 SERVICE CONNECTION OC-51 MODIFICATION  
 SERVICE CONNECTION OC-70 - ORANGE CITY  
 SERVICE CONNECTION OC-79 MODIFICATIONS - MWDOC  
 SERVICE CONNECTION P1  
 SERVICE CONNECTION P-1-UPPER FEEDER (ORG CONST)  
 SERVICE CONNECTION PM-24 MODIFICATIONS - THREE VALLEY MWD  
 SERVICE CONNECTION PM-26 MODIFICATIONS - THREE VALLEY MWD  
 SERVICE CONNECTION PM-28 - THREE VALLE  
 SERVICE CONNECTION RIALTO  
 SERVICE CONNECTION RIALTO- THREE VALLEY  
 SERVICE CONNECTION SA-3 CITY OF SANA ANA  
 SERVICE CONNECTION SA-3 ORANGE COUNTY FEEDER- BRISTOL  
 SERVICE CONNECTION SA-4 - SANTA ANA  
 SERVICE CONNECTION SCADA UPGRADE PRJT, CNEB-3,5,6,12,23,35,51  
 SERVICE CONNECTION SD-02 SAN DIEGO WATER AUTHORITY  
 SERVICE CONNECTION SD-7 STUDY - SDCWA  
 SERVICE CONNECTION SGV-01 - SAN GABRIEL  
 SERVICE CONNECTION SMR-01  
 SERVICE CONNECTION WB13 - WEST BASIN FEEDER  
 SERVICE CONNECTION WB-26 - RIVERSIDE  
 SERVICE CONNECTION WB-2A & WB-2B EQUIPMENT RELOCATION  
 SERVICE CONNECTIONS CB-12 & CB-16 TURNOUT VALVE REPLACEMENT & ELECTRICAL UPGRADE  
 SERVICE CONNECTIONS WB-2A AND WB-2B EQUIPMENT RELOCATION  
 SF-01  
 SIERRA MADRE TUNNEL  
 SIMULATION AND MODELING APPLICATION FOR REAL TIME OPERATIONS SMART OPS  
 SITE 3 SECOND LOWER FEEDER URGENT REPAIRS  
 SITE 3 SECOND LOWER FEEDER URGENT REPAIRS - FINAL DESIGN  
 SITES 1 & 2 SECOND LOWER FEEDER URGENT REPAIRS  
 SITES 1 & 2 SECOND LOWER FEEDER URGENT REPAIRS - FINAL DESIGN & PIPE FABRICATION  
 SKINNER BRANCH- CONSTRUCT 50FT X 150FT METAL STORAGE BLDG  
 SKINNER ACCUSONIC FLOWMETER REPLACEMENT  
 SKINNER BRANCH - AIR INJECTION MODIFICATIONS TO RED MOUNTAIN POWER PLANT  
 SKINNER BRANCH - CASA LOMA CANAL  
 SKINNER BRANCH - CASA LOMA SIPHON BARREL ONE  
 SKINNER BRANCH - CATWALK FOR TRAVELING MAINTENANCE BRIDGE FOR  
 SKINNER BRANCH - FABRICATE & REPLACE THE STEMS, NUTS & KEYS  
 SKINNER BRANCH - REPAIR MODULE 1 AND 2 FLOCCULATORS BRIDGES  
 SKINNER BRANCH, SAN DIEGO CANAL ACOUSTIC FLOW METER  
 SKINNER BRANCH, UPGRADE EXISTING PUBLIC ADDRESS & ALARM SYS  
 SKINNER BYPASS PIPELINE CHLORINATION SYSTEM  
 SKINNER DAM REMEDIATION  
 SKINNER DISTRIBUTION SYSTEM - CONTRACT # 1396  
 SKINNER EGEN UST UPGRADE - LLD INSTALLATION  
 SKINNER ELECTRICAL BUILDING HVAC UPGRADE  
 SKINNER FACILITY AREA PAVING  
 SKINNER FILTR. PLANT- CATHODIC PROTECTION  
 SKINNER FILTRATION PLANT - ELEVATED SLAB IN SERVICE BLDG 1  
 SKINNER HELIPAD REHAB  
 SKINNER INDUSTRIAL WATER PUMP CONTROL UPGRADE  
 SKINNER ORP SWITCHGEAR BATTERY REPLACEMENT  
 SKINNER PLANT 1 LOSS OF HEAD ULTRASONIC METER REPLACEMENT  
 SKINNER PLANT IMPROVEMENT PROGRAM, EFFLUENT TANK BYPASS  
 SKINNER REPLACEMENT FOR WETCELL BATTERY AND INVERTER  
 SKINNER SCADA SERVERS RELOCATION  
 SKINNER SPARGER PUMP REPLACEMENT  
 SKINNER SPILLWAY REHABILITATION  
 SKINNER, REPLACE WILLOWGLEN RTU  
 SMART-OPS (FORMERLY RTOS)  
 SMN-02  
 SOLAR FROM CWE  
 SOMMS - MATERIALS INTERFACE & MOBILE TECHNOLOGY  
 SOTO ST FAC-REPL HEAT & A/C SYSTEM  
 SOTO ST. FACILITY - SECURITY & HVAC REPLACEMENT  
 SOTO STREET FACILITY - BUILDING SEISMIC UPGRADE  
 SOTO STREET FACILITY - REPLACE HEATING

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

SOTO STREET FACILITY - ROOF REPLACEMENT  
 SOUTH COAST FEEDER, SCH 68 PS AND 69PS (SPEC NO. 667)  
 SOUTH COUNTY PIPELINE PROTECTION AT SAN JUAN CREEK  
 SOUTH COUNTY PIPELINE PROTECTION AT SAN JUAN CREEK CROSSING  
 SOUTH REACH / TUNNEL STUDY  
 SOUTH REACH CONSTRUCTION/ASBUILT - FUTURE UNAPPROPRIATED  
 SOUTH REACH DESIGN - FUTURE/UNAPPROPRIATED  
 SOUTH REACH ENVIRONMENTAL - FUTURE/UNAPPROPRIATED  
 SOUTH REACH FEASIBILITY STUDY  
 SOUTH REACH PROJECT MANAGEMENT - FUTURE/UNAPPROPRIATED  
 SOUTH REACH RIGHT OF WAY - FUTURE/UNAPPROPRIATED  
 SPECIAL SERVICE BRANCH - REPLACE PLATE BENDING  
 SPECIAL SERVICES BRANCH, INSTALL EMERGENCY GENERATOR FOR SHOPS  
 ST. JOHN'S CANYON CHANNEL EROSION MITIGATION  
 ST. JOHN'S CANYON CHANNEL REPAIR AND MODIFICATIONS  
 STATION 1094+93 TO 1331+00 (SCH SD12PS)  
 STATION 1278+00 TO 1291+00 - ORANGE COUNTY FEEDER (ORG CONST)  
 STATION 1331+00 TO 1593+14 (SDH SD13PS)  
 STATION 1553+50 TO 1820+50 (SCH SD14SG)  
 STATION 1820+50 TO SAN DIEGO COUNTY LINE (SCH SD15SG)  
 STRUCTURE MODIFICATIONS TO SAN DIEGO PIPELINE'S # 1 AND 2  
 STRUCTURES, PHASE 2 -WEST VALLEY FEEDER NO. 1 (INTERIM CONST)  
 SUNSET MAINTENANCE CENTER HOIST REPLACEMENT  
 SURGE SUPPRESSION SYSTEM AT OC-8  
 SVC CONNECT 2ND LOWER FEEDER STA 1866+00-1875+00  
 SVC CONNECT ALLEN MCCOLLOCH STA 289+00+292+00  
 SVC CONNECT ALLEN MCCOLLOCH STA 30+90-46+10  
 SVC CONNECT AULD VALLEY PIPELINE  
 SVC CONNECT BOX SPRINGS FEEDER STA 216+80-265+50  
 SVC CONNECT BOX SPRINGS FEEDER STA 51+50-54+75  
 SVC CONNECT CALH-03  
 SVC CONNECT CULVER CITY FEEDER STA 498+00-489+00  
 SVC CONNECT CULVER CITY FEEDER STA 533+00-543+00  
 SVC CONNECT DVL, SKINNER, SD CANAL  
 SVC CONNECT EAST OC FEEDER STA 1043+00-1059+00  
 SVC CONNECT EAST OC FEEDER STA 1149+45  
 SVC CONNECT EAST OC FEEDER STA 1219+00-1241+00  
 SVC CONNECT EM-24, PERRIS VALLEY  
 SVC CONNECT FOOTHILL FEEDER CLWA-1  
 SVC CONNECT FOOTHILL FEEDER STA 209+85-279+80  
 SVC CONNECT FOOTHILL FEEDER STA 381+00-384+00  
 SVC CONNECT LA-29A  
 SVC CONNECT LAS POSAS WELLFIELD  
 SVC CONNECT LOWER FEEDER STA 286+90-307+50  
 SVC CONNECT LOWER FEEDER STA 307+00-326+00  
 SVC CONNECT LOWER FEEDER STA 475+60-484+60  
 SVC CONNECT LOWER FEEDER STA 484+80  
 SVC CONNECT OC FEEDER STA 1299+50 ETC.  
 SVC CONNECT OC FEEDER STA 1437+50-1442+50  
 SVC CONNECT OC FEEDER STA 1656+50-1736+60  
 SVC CONNECT OC FEEDER STA 1969+50-1974+50  
 SVC CONNECT OC FEEDER STA 937+00-948+00  
 SVC CONNECT RIALTO PIPELINE STA 4046+00-4059+00  
 SVC CONNECT RIALTO PIPELINE STA 4056+00-4070+00  
 SVC CONNECT RIALTO PIPELINES STA 3305+36 TO 3316+00  
 SVC CONNECT RIALTO PIPELINES STA 4046+00-4070+00  
 SVC CONNECT RIALTO STA 3390+00-3440+00  
 SVC CONNECT SA-03 MODIFICATIONS AND WILLITS PRESSURE CONTROL STRUCT  
 SVC CONNECT SAN FRANCISQUITO STA 269+50-293+00  
 SVC CONNECT SAN JOAQUIN RESERVOIR  
 SVC CONNECT SANTIAGO LATERAL & SPILLWAY DISCHARGE  
 SVC CONNECT SD PIPELINES STA 1326+00-1327+00  
 SVC CONNECT SD PIPELINES STA 1376+00-1470+00  
 SVC CONNECT SD PIPELINES STA 1391+50-1394+50  
 SVC CONNECT SD PIPELINES STA 1574+00-1584+60  
 SVC CONNECT SD STA 1191+00-193+00, 1176+00-1303+00  
 SVC CONNECT SD STA 1971+00-1981+00  
 SVC CONNECT SD STA 268+26, 268+39  
 SVC CONNECT SEPULVEDA FEEDER STA 1037+55  
 SVC CONNECT UPPER FEEDER STA 1044+00-1049+50  
 SVC CONNECT UPPER FEEDER STA 1064+50-1065+50  
 SVC CONNECT UPPER FEEDER STA 2006+00-2013+00  
 SVC CONNECT UPPER FEEDER STA 421+61  
 SVC CONNECT UPPER FEEDER STA 907+50-920+50  
 SVC CONNECT VICTORIA STREET LATERAL  
 SVC CONNECT WEST VALLEY FEEDER STA 1218+55  
 SVC CONNECT WEST VALLEY FEEDER STA 226+00-269+00  
 SYSTEM RELIABILITY PROGRAM  
 SYSTEM STATUS DISPLAY, OPERATIONS CONTROL CENTER  
 SYSTEM-WIDE ASPHALT REPLACEMENT  
 T-05  
 T-06  
 T-07  
 T-08

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

TELECOMM INFRASTRUCTURE UPGRADE PROGRAM, REPLACE DATA CENTER SWITCHES  
 TELECOMM INFRASTRUCTURE UPGRADE PROGRAM, REPLACE HUBS AT FIELD SITES  
 TELECOMM INFRASTRUCTURE UPGRADE PROGRAM, REPLACE ROUTERS AT FIELD SITES  
 TELECOMM INFRASTRUCTURE UPGRADE PROGRAM, TWO-WAY RADIO SYSTEM UPGRADE  
 TEMESCAL POWER PLANT REPLACE EMERGENCY GENERATOR  
 TESTING PROGRAM AT YORBA LINDA TEST FACILITY  
 TORRANCE LATERAL EXTENSION  
 TORRANCE LATERAL EXTENSION SCHEDULE 40A  
 TORRANCE LATERAL SCHEDULE 27SC  
 TOTAL ORGANIC CARBON (TOD) ANALYZER REPLACEMENT  
 TREATED WATER CROSS CONNECTION PREVENTION - FINAL DESIGN & CONSTRUCTION  
 TREATED WATER CROSS CONNECTION PREVENTION - UNFUNDED WORK  
 TURNOUT STRUCTURE, SERVICE CONNECTION G-2-SANTA MONICA FDR (ORG CONST)  
 TWO STRAY CURRENT INTERFERENCE BONDS W ORANGE COUNTY FDR  
 TWO-WAY RADIO ENHANCEMENT - EMERGENCY SERVICES, FIRE CONTROL, EVACUATION & BLDG. MAINT.  
 TWO-WAY RADIO ENHANCEMENT FOR EMERGENCY SERVICES, FIRE CONTROL, EVACUATION AND BLDG. MAINTENANCE  
 UF RAW VACUUM VALVES AND BLOWOFF IMPROVEMENTS  
 UNDER GROUND STORAGE TANK DISPENSER SPILL CONTAINMENT & REMEDIATION  
 UNION STATION EGEN UST UPGRADE, LINE LEAK DETECTOR INSTALLATION  
 UNION STATION TWO-WAY RADIO ENHANCEMENT FOR EMERGENCY SERVICES, FIRE CONTROL, EVACUATION AND BUILDING MAINTENANCE  
 UPGRADE CATHODIC PROTECTION RECTIFIERS  
 UPGRADE HOLLYWOOD TUNNEL PORTAL SLEEVE VALVE EQUIPMENT  
 UPGRADE SUNSET GARAGE  
 UPPER FEEDER - CATHODIC PROTECTION (SCH 25)  
 UPPER FDR-MODIFY PUDDINGSTONE SPILLWAY, STA.1950+62.71  
 UPPER FEEDER - SANTA ANA RIVER BRIDGE LINING REPAIRS  
 UPPER FEEDER - SANTA ANA RIVER BRIDGE REPAIRS  
 UPPER FEEDER - STRUCTURAL PROTECTION  
 UPPER FEEDER AIR ENTRAINMENT  
 UPPER FEEDER BLOW OFF STRUCTURE REPLACEMENT  
 UPPER FEEDER EMERGENCY EXPANSION JOINT REPLACEMENT  
 UPPER FEEDER GATE REHABILITATION  
 UPPER FEEDER JUNCTION STRUCTURE SEISMIC UPGRADE  
 UPPER FEEDER- ROAD ACCESS TO SANTA ANA BRIDGE  
 UPPER FEEDER SANTA ANA RIVER BRIDGE SEISMIC MODIFICATION  
 UPPER FEEDER SANTA ANA RIVER DISCHARGE PAD  
 UPPER FEEDER SCHEDULE 10P  
 UPPER FEEDER SCHEDULE 11P  
 UPPER FEEDER SCHEDULE 1P  
 UPPER FEEDER SCHEDULE 2S  
 UPPER FEEDER SCHEDULE 3P  
 UPPER FEEDER SCHEDULE 4P  
 UPPER FEEDER SCHEDULE 5P  
 UPPER FEEDER SCHEDULE 6P  
 UPPER FEEDER SCHEDULE 7P  
 UPPER FEEDER SCHEDULE 8P  
 UPPER FEEDER SCHEDULE 9P  
 UPPER FEEDER- SERVICE CONNECTION P-1  
 UPPER FEEDER SERVICE CONNECTION, P-1, FM-1, AND SMR-1 REHABILITATION  
 UPPER FEEDER SERVICE CONNECTIONS UPGRADES  
 UPPER FEEDER TO ACCOMMODATE SANTA FE RAILWAY EXPANSION  
 UPPER FEEDER URGENT REPAIRS AT STA 3239+00  
 UPPER FEEDER, MANHOLE MODIFICATION, STATION 1464+50  
 UPPER FEEDER, MANHOLE MODIFICATION, STATION 1495+54  
 UPPER FEEDER, MANHOLE MODIFICATION, STATION 1757+86  
 UPPER FEEDER, STA 1048+70 TO 1051+77  
 UPPER FEEDER, STA 1146+46 TO 116+50  
 UPPER FEEDER, STRUCTURAL PROTECTION, FINAL DESIGN  
 UPPER FEEDER: SERVICE CONN. FOR FOOTHILL M.W.D. IN PASADENA  
 UPPER FEEDER:COTTAGE AND GARAGE AT EAGLE ROCK CONTROL TOWER  
 UPPER FEEDER-REPLACE MAGNETIC FLOWMETER  
 UPPER NEWPORT BACKBAY BLOW?OFF STRUCTURE REHABILITATION  
 UPPER NEWPORT BAY BLOW-OFF STRUCTURE REHABILITATION  
 UPS SYSTEMS INSTALLATION AT FOOTHILL PCS  
 UPS SYSTEMS INSTALLATION AT PERRIS CONTROL STRUCTURE  
 US-2  
 USG-01  
 USG-02  
 USG-03  
 USG-04  
 USG-05  
 USG-06  
 USG-07  
 USG-08  
 USG-09  
 UTILITY BUSINESS ARCHITECTURE (OBJECT MAPPING/MODELING)  
 VACUUM AIR RELEASE VALVE RELOCATION PILOT PROGRAM  
 VALLEY & LOS ANGELES DISTRIBUTION VALVE POSITION DISPLAY UPGRADE  
 VALLEY BRANCH, PPLN CORROSION TEST STATION  
 VALLEY VIEW HYDROELECTRIC GENERATOR REFURBISHMENT  
 VALLEY VIEW METERING CIRCUIT MODIFICATIONS  
 VALVE PALOS VERDE FEEDER  
 VALVE PROCUREMENT  
 VALVE, 20

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

VALVE, 24  
 VALVE-ASCOT-GARVEY CROSS FEEDER  
 VALVE-HOLLYWOOD TUNNEL CNTRL STRUCTURE - SANTA MONICA FDR (INTERIM CONST)  
 VALVES - PALOS VERDES FEEDER  
 VENICE PCS VALVE REFURBISHMENT  
 VICTORIA ST. LATERAL EXTN. & VICTORIA ST.-223RD ST. CROSS FEEDER  
 VICTORIA STREET LATERAL: STA. 0+00 TO 147+62 (SCH. 46P)  
 VIDEO CONFERENCE REPLACEMENT  
 VIDEO CONFERENCE SYSTEM UPGRADE  
 VIDEOCONFERENCING UPGRADE  
 WADSWORTH PUMP DISCHARGE TO EASTSIDE PIPELINE INTERCONNECTION  
 WADSWORTH PUMP PLANT STOP LOGS  
 WADSWORTH PUMPING PLANT - MODIFICATION/REPAIRS OF FIFTY-NINE 6.9KV BREAKERS/CABINETS  
 WADSWORTH PUMPING PLANT CONDUIT REPAIR AND PROTECTION  
 WADSWORTH PUMPING PLANT CONTROL & PROTECTION UPGRADE  
 WADSWORTH PUMPING PLANT CONTROL & PROTECTION UPGRADE, PRELIMINARY DESIGN  
 WADSWORTH PUMPING PLANT CONTROL & PROTECTION UPGRADES  
 WADSWORTH PUMPING PLANT FOREBAY GANTRY CRANE UPGRADE  
 WADSWORTH PUMPING PLANT RECOATING 144" YARD PIPING  
 WADSWORTH PUMPING PLANT SLEEVE VALVE REFURBISHMENT  
 WADSWORTH PUMPING PLANT STOP LOGS ADDITION - STUDY  
 WADSWORTH PUMPING PLANT YARD PIPING LINING REPLACEMENT  
 WADSWORTH YARD PIPING LINING REPAIRS  
 WADSWORTH/DVL CONTROL & PROTECTION SYSTEM UPGRADE - UPS REPLACEMENT  
 WASHINGTON D.C. OFFICE LEASE AT 500 NEW JERSEY AVENUE N.V.  
 WASHINGTON PCS ON PV FDR- PLATFORMS/LADDERS  
 WASHINGTON STREET PRESSURE CONTROL STRUCTURE VALVE REPLACEMENT  
 WATER DELIVERY SYSTEM AUTOMATION  
 WATER ORDERING & EVENT SCHEDULING SYSTEM  
 WATER PLANNING APPLICATION  
 WATER QUALITY - REMOTE MONITORING  
 WATER QUALITY LABORATORY BUILDING EXPANSION  
 WATER QUALITY MONITORING AND EVENT DETECTION SYSTEM  
 WB-01  
 WB-02A  
 WB-02B  
 WB-03  
 WB-06A  
 WB-06B  
 WB-06B METER REPLACEMENT PROJECT  
 WB-07  
 WB-08  
 WB-09  
 WB-10  
 WB-11  
 WB-12  
 WB-13  
 WB-18  
 WB-19  
 WB-21  
 WB-22  
 WB-23  
 WB-24  
 WB-25  
 WB-26A  
 WB-27  
 WB-28  
 WB-28 SERVICE CONNECTION MODIFICATIONS  
 WB-29  
 WB-30  
 WB-31  
 WB-32  
 WB-33  
 WB-34  
 WB-36  
 WB-37  
 WB-39  
 WB-40  
 WB-MISC  
 WCF/PVF INTERCONNECTION VALVE AUTOMATION  
 WD-28  
 WEST BASIN LATERAL EXTENSION  
 WEST BASIN LATERAL: STA.4+95 TO 355+19 (SCH.43P)  
 WEST BASIN LATERAL: STA.4+95 TO 355+19, SCH.43P (SPEC NO. 378)  
 WEST COAST FEEDER - CATHODIC PROTECTION SYSTEMS  
 WEST COAST FEEDER, DISCOUNTS & MISCELLANEOUS CREDITS  
 WEST COAST FEEDER, SCHEDULE 65SC (SPEC. NO. 560)  
 WEST COAST FEEDER, SCHEDULE 66SC (SPEC NO. 560)  
 WEST COAST FEEDER, SCHEDULE 67SC (SPEC NO. 560)  
 WEST OC FEEDER VALVE REPLACEMENT  
 WEST ORANGE COUNTY FDR, RELOCATE STATIONS 132+16 TO 132+74  
 WEST ORANGE COUNTY FDR. PCS-INSTALL 480V 3 PHASE ELEC. SERVICE  
 WEST ORANGE COUNTY FEEDER (WOCF) VALVE REPLACEMENT  
 WEST ORANGE COUNTY FEEDER BLOWOFF DRAIN LINE REHABILITATION ENGINEERING CHANGE



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

WEST ORANGE COUNTY FEEDER OC-09 REHABILITATION  
 WEST ORANGE COUNTY FEEDER -RELOCATION AT STATION 456+00+  
 WEST ORANGE COUNTY FEEDER SERVICE CONNECTION OC-09 REHABILITATION  
 WEST ORANGE COUNTY FEEDER- STA.0/03 TO 458/90, SCH. 60SC (SPEC #427)  
 WEST ORANGE COUNTY FEEDER VALVE REPLACEMENT  
 WEST ORANGE COUNTY FEEDERCATHODIC PROTECTION  
 WEST VALLEY #1 FEEDER (FORMERLY CALLEGUAS CONDUIT)  
 WEST VALLEY AREA STUDY  
 WEST VALLEY FACILITIES STUDY  
 WEST VALLEY FEEDER # 1 STAGE 2 VALVE STRUCTURE MODIFICATIONS - CONSTRUCTION  
 WEST VALLEY FEEDER NO 1 - STAGE 2 VALVE STRUCTURE MODIFICATIONS  
 WEST VALLEY FEEDER NO. 1 - DE SOTO VALVE STRUCTURE IMPROVEMENTS  
 WEST VALLEY FEEDER NO. 1 - DE SOTO VALVE STRUCTURES IMPROVEMENT  
 WEST VALLEY FEEDER NO. 1 - STAGE 3 IMPROVEMENTS  
 WEST VALLEY FEEDER NO. 1 ACCESS ROADS AND STRUCTURE IMPROVEMENTS (STAGE 2)  
 WEST VALLEY FEEDER NO. 1 ACCESS ROADS AND STRUCTURE IMPROVEMENTS (STAGE 3)  
 WEST VALLEY FEEDER NO. 1 ACCESS ROADS AND STRUCTURES IMPROVEMENTS  
 WEST VALLEY FEEDER NO. 1 STAGE 2 VALVE STRUCTURE MODIFICATIONS  
 WEST VALLEY FEEDER NO. 1 STRUCTURES - PIPING IMPROVEMENTS  
 WEST VALLEY FEEDER NO. 1 VALVE STRUCTURE MODIFICATIONS  
 WEST VALLEY FEEDER NO. 2- ALISO CREEK TO FULLBRIGHT PLACE  
 WEST VALLEY FEEDER NO. 2- FULLBRIGHT TO SANTA SUSANA TUNNEL  
 WEST VALLEY FEEDER NO. 2- HAVENHURST ST. TO CHATSWORTH ST.  
 WESTERN MWD CONNECTIONS (Z-39)  
 WESTERN REGION DISTR SYS CATHODIC PROTECTION REMOTE MONITORING REFURBISHMENT  
 WESTERN REGION PLUMBING RETROFIT  
 WESTERN SAN BERNARDINO COUNTY REGION ENVIRONMENTAL MITIGATION MONITORING  
 WESTORANGE COUNTY FDR EXT - STA. 459+01 TO 685+00, SCH. 61SC  
 WEYM. PLT/LA VERNE FAC-BACKFLO PREV ASSY  
 WEYMOUTH - 140" EFFLUENT CONDUIT ROOF REPAIR  
 WEYMOUTH - BUILDING NO. 4 - HAND RAIL AND STAIRS ADDITION  
 WEYMOUTH - FLAG POLE AREA LANDSCAPE UPGRADE  
 WEYMOUTH ASPHALT REHABILITATION  
 WEYMOUTH COMPRESSED AIR SYSTEM  
 WEYMOUTH DISTRIBUTION SYSTEM - REPLACEMENT OF AREA CONTROL SYSTEMS - CONTRACT #1396  
 WEYMOUTH DOMESTIC WATER PIPELINE REPLACEMENT  
 WEYMOUTH ELECTRIC VEHICLE CHARGING STATION INSTALLATION  
 WEYMOUTH FILT PLT, REPLACE AND REFURBISH SOLIDS HANDLING (103206)  
 WEYMOUTH FILTER BUILDING VENTURI REHABILITATION  
 WEYMOUTH FILTER OUTLET CONDUIT REPAIRS  
 WEYMOUTH FILTR. PANT- SOUTHER SALT STORAGE BASIN  
 WEYMOUTH FLOCCULATOR REHABILITATION  
 WEYMOUTH IMPROVEMENT PROGRAM, BASINS 3 & 4 REHABILITATION  
 WEYMOUTH SOLAR POWER FACILITIES  
 WEYMOUTH WATER TREATMENT PLANT DOMESTIC AND FIRE WATER SYSTEM IMPROVEMENT  
 WEYMOUTH WTP, FILTER BUILDING 1 BACKWASH HEADER VALVE REPLACEMENT  
 WEYMOUTH, REPLACE WILLOWGLEN RTU  
 WEYMOUTH SOLAR POWER PLANT  
 WFP - ASPHALT REHABILITATION  
 WFP - COMPRESSED AIR SYSTEM IMPROVEMENT  
 WFP - PURCHASE OF REAL PROPERTY  
 WFP - REPAIR TO BLDG # 1  
 WHEELER AVENUE LANDSCAPE SCREENING  
 WHEELER GATE STORMWATER IMPROVEMENT  
 WHITEWATER SIPHONS EROSION PROTECTION  
 WILLITS ST. PCS VALVE ACTUATOR REPLACEMENT  
 WILLITS STREET PRESSURE CONTROL STRUCTURE REHABILITATION  
 WILLOWGLEN RTU REPLACEMENT  
 WR-01  
 WR-02  
 WR-09  
 WR-10  
 WR-12  
 WR-13  
 WR-14  
 WR-15  
 WR-17  
 WR-18A  
 WR-19  
 WR-20  
 WR-21  
 WR-23  
 WR-24A  
 WR-24C  
 WR-24D  
 WR-24D FLOWMETER REPLACEMENT  
 WR-25  
 WR-26  
 WR-27  
 WR-28  
 WR-29  
 WR-33  
 WRITE OFF DEMOLISHED MASTER METER AT SANTA ANA CROSS FDR  
 YORBA LINDA FEEDER - STA 924+11 PORTAL ACCESS

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description****Distribution Facilities**

YORBA LINDA FEEDER BYPASS  
YORBA LINDA FEEDER DISCHARGE RETURN SYSTEM: QUAGGA MUSSEL CONTROL  
YORBA LINDA FEEDER- SCH. 150 & 151  
YORBA LINDA FEEDER- SCHEDULE 153,155 AND 156  
YORBA LINDA FEEDER- TONNER TUNNELS NO.1 & 2  
YORBA LINDA PCS REHABILITATION  
YORBA LINDA PORTAL STRUCTURE  
YORBA LINDA PORTAL STRUCTURE ACCESS/TELEGRAPH CREEK BRIDGE  
YORBA LINDA TEST FACILITY- FLOWMETER TESTS

***Sub-total Distribution facilities costs*****\$ 101,998,076**

TABLE 4

**FISCAL YEAR 2025/26  
ESTIMATED READINESS-TO-SERVE CHARGE REVENUE**

<b>Member Agency</b>	<b>Rolling Ten-Year Average Firm Deliveries (Acre-Feet) FY2013/14 - FY2022/23</b>	<b>RTS Share</b>	<b>6 months @ \$181 million per year (7/25-12/25)</b>	<b>Rolling Ten-Year Average Firm Deliveries (Acre-Feet) FY2014/15 - FY2023/24</b>	<b>RTS Share</b>	<b>6 months @ \$188 million per year (1/26-6/26)</b>	<b>Total RTS Charge FY 2025/26</b>
Anaheim	23,001.9	1.69%	1,526,826	23,328.3	1.84%	1,728,612	3,255,438
Beverly Hills	9,858.1	0.72%	654,364	9,458.6	0.75%	700,876	1,355,240
Burbank	11,540.0	0.85%	766,005	10,532.3	0.83%	780,436	1,546,442
Calleguas MWD	90,313.9	6.62%	5,994,880	85,497.7	6.74%	6,335,323	12,330,203
Central Basin MWD	31,768.2	2.33%	2,108,718	30,647.0	2.42%	2,270,922	4,379,640
Compton	12.0	0.00%	797	8.3	0.00%	615	1,412
Eastern MWD	96,726.8	7.09%	6,420,557	96,954.0	7.64%	7,184,227	13,604,784
Foothill MWD	8,399.5	0.62%	557,544	8,062.2	0.64%	597,404	1,154,948
Fullerton	6,528.4	0.48%	433,344	6,128.6	0.48%	454,125	887,469
Glendale	15,436.0	1.13%	1,024,615	14,676.3	1.16%	1,087,504	2,112,119
Inland Empire Utilities Agency	57,672.1	4.23%	3,828,174	54,727.4	4.31%	4,055,264	7,883,438
Las Virgenes MWD	19,302.4	1.42%	1,281,260	18,431.7	1.45%	1,365,777	2,647,037
Long Beach	27,777.5	2.04%	1,843,822	26,463.1	2.09%	1,960,898	3,804,720
Los Angeles	272,316.9	19.97%	18,075,923	242,114.6	19.09%	17,940,531	36,016,454
Municipal Water District of Orange County	187,038.3	13.72%	12,415,278	172,537.1	13.60%	12,784,884	25,200,162
Pasadena	19,104.9	1.40%	1,268,150	18,267.3	1.44%	1,353,595	2,621,745
San Diego County Water Authority	175,570.9	12.88%	11,654,092	145,667.0	11.48%	10,793,828	22,447,919
San Fernando	312.4	0.02%	20,737	470.7	0.04%	34,879	55,615
San Marino	0.0	0.08%	68,708	990.4	0.08%	73,388	142,096
Santa Ana	8,648.2	0.63%	574,053	7,865.5	0.62%	582,828	1,156,881
Santa Monica	4,783.2	0.35%	317,501	5,039.7	0.40%	373,438	690,939
Three Valleys MWD	62,674.4	4.60%	4,160,218	60,225.0	4.75%	4,462,632	8,622,850
Torrance	15,088.8	1.11%	1,001,568	14,683.8	1.16%	1,088,060	2,089,628
Upper San Gabriel Valley MWD	38,526.1	2.83%	2,557,296	40,189.6	3.17%	2,978,023	5,535,318
West Basin MWD	111,549.0	8.18%	7,404,429	108,841.6	8.58%	8,065,090	15,469,519
Western MWD	68,413.1	5.02%	4,541,143	66,759.6	5.26%	4,946,842	9,487,985
<b>MWD Total</b>	<b>1,363,398.1</b>	<b>100.00%</b>	<b>\$ 90,500,000</b>	<b>1,268,567.4</b>	<b>100.00%</b>	<b>\$ 94,000,000</b>	<b>\$ 184,500,000</b>
Totals may not foot due to rounding							

**TABLE 5**  
**FISCAL YEAR 2025/26**  
**ESTIMATED STANDBY CHARGE REVENUE**

<b>Member Agencies</b>	<b>Total Parcel Charge</b>	<b>Number of Parcels Or Acres</b>	<b>Gross Revenues (Dollars) <sup>1</sup></b>
Anaheim	\$ 8.55	69,946	598,036
Beverly Hills	-	-	-
Burbank	14.20	29,053	412,549
Calleguas MWD	9.58	260,221	2,492,922
Central Basin MWD	10.44	341,856	3,568,972
Compton	0.10	18,052	1,805
Eastern MWD <sup>(1)</sup>	6.94	483,466	3,355,251
Foothill MWD	10.28	30,318	311,668
Fullerton	10.71	35,296	378,024
Glendale	12.23	44,945	549,677
Inland Empire Utilities Agency	7.59	266,441	2,022,284
Las Virgenes MWD	8.03	52,023	417,741
Long Beach	12.16	92,443	1,124,111
Los Angeles	-	-	-
Municipal Water District of Orange County <sup>(2)</sup>	10.09	668,318	7,599,954
Pasadena	11.73	39,876	467,747
San Diego County Water Authority <sup>(1)</sup>	11.51	1,046,653	12,046,979
San Fernando	-	5,102	-
San Marino	8.24	4,970	40,955
Santa Ana	7.88	65,121	513,151
Santa Monica	-	-	-
Three Valleys MWD	12.21	152,334	1,860,003
Torrance	12.23	40,677	497,484
Upper San Gabriel Valley MWD	9.27	215,922	2,001,594
West Basin MWD	-	-	-
Western MWD	9.23	389,857	3,598,384
<b>MWD Total</b>		<b>4,352,890</b>	<b>\$ 43,887,274</b>

(1) Estimates per FY 2024/25 applied amounts  
and Adjusted due to reorganization of Rainbow

(2) Adjusted for inclusion of Coastal MWD

Note: Totals may not foot due to rounding.

**TABLE 6**  
**PARCELS SUBJECT TO ANNEXATION STANDBY CHARGES**  
**AS OF JULY 1, 2024**

<b>Annexation</b>	<b>Parcel Number</b>	<b>Acres</b>		<b>Proposed Standby Charge (FY 2025/26)</b>
<b>Eastern MWD</b>				
112th Fringe Area Annexation	900-030-036	31.67		\$ 219.79
114th Fringe Area Annexation	900-370-003	3.19		\$ 22.14
	900-370-004	2.58		\$ 17.91
	900-370-005	2.68		\$ 18.60
	900-370-006	3.07		\$ 21.31
	900-370-007	4.09		\$ 28.38
	900-370-008	3.36		\$ 23.32
	900-370-009	2.98		\$ 20.68
	900-370-010	3.40		\$ 23.60
	900-370-011	3.31		\$ 22.97
	900-370-012	3.96		\$ 27.48
	900-370-013	3.05		\$ 21.17
	900-380-001	2.55		\$ 17.70
	900-380-002	2.50		\$ 17.35
	900-380-003	2.50		\$ 17.35
	900-380-005	3.03		\$ 21.03
	900-380-006	3.39		\$ 23.53
	900-380-008	2.50		\$ 17.35
	900-380-009	2.54		\$ 17.63
	900-380-010	3.46		\$ 24.01
	900-380-011	2.57		\$ 17.84
	900-380-012	2.72		\$ 18.88
	900-380-013	2.71		\$ 18.81
	900-370-015	3.18		\$ 22.07
	900-370-016	3.00		\$ 20.82
	900-370-017	3.13		\$ 21.72
	900-370-021	2.94		\$ 20.40
	900-370-022	2.67		\$ 18.53
	900-380-014	2.79		\$ 19.36
	900-380-015	2.54		\$ 17.63
	900-380-016	2.53		\$ 17.56
	900-380-017	2.63		\$ 18.25
	900-380-018	2.56		\$ 17.77
	908-010-001	2.04		\$ 14.16
	900-050-025	2.73		\$ 18.95
	900-050-007	3.91		\$ 27.14
	900-050-008	5.77		\$ 40.04
<b>San Diego County Water Authority</b>				
Yerba Valley Annexation	329-131-08	4.30		\$ 49.49
	329-131-09	4.60		\$ 52.95
	329-131-11	6.60		\$ 75.97
	329-131-33	4.50		\$ 51.80
	329-132-02	4.00		\$ 46.04
	329-132-03	4.00		\$ 46.04
	329-132-04	4.00		\$ 46.04
	329-132-05	4.40		\$ 50.64
	329-132-09	5.00		\$ 57.55
	329-132-10	5.00		\$ 57.55
	329-132-13	4.00		\$ 46.04

**TABLE 6**  
**PARCELS SUBJECT TO ANNEXATION STANDBY CHARGES**  
**AS OF JULY 1, 2024**

<b>Annexation</b>	<b>Parcel Number</b>	<b>Acres</b>		<b>Proposed Standby Charge (FY 2025/26)</b>
Yerba Valley Annexation	329-132-14	8.00		\$ 92.08
	329-132-15	3.60		\$ 41.44
	329-132-18	4.00		\$ 46.04
	329-132-42	1.00		\$ 11.51
	329-132-43	8.80		\$ 101.29
	329-132-48	4.60		\$ 52.95
<b>Murrieta Payment Area</b>				
Eastern MWD	910-020-010	6.87		\$ 47.68
	910-070-004	1.61		\$ 11.17
	910-150-003	1.00		\$ 6.94
	910-150-004	2.00		\$ 13.88
	910-150-007	1.00		\$ 6.94
	910-150-008	2.00		\$ 13.88
	910-150-010	1.00		\$ 6.94
	910-070-008	1.95		\$ 13.53
	910-070-009	1.93		\$ 13.39
	910-150-002	1.00		\$ 6.94
	910-160-001	1.00		\$ 6.94
	910-170-001	2.00		\$ 13.88
	910-170-011	1.00		\$ 6.94
	910-180-006	1.00		\$ 6.94
	910-180-011	1.00		\$ 6.94
	910-180-012	1.00		\$ 6.94
	910-180-018	1.66		\$ 11.52
	910-020-014	10.55		\$ 73.22
	910-170-010	1.00		\$ 6.94
	910-180-007	1.00		\$ 6.94
	910-180-009	1.00		\$ 6.94
	910-180-014	1.00		\$ 6.94
	910-210-009	2.22		\$ 15.41
	910-210-013	1.11		\$ 7.70
	910-210-018	2.39		\$ 16.59
	910-210-014	2.22		\$ 15.41
	910-210-019	2.95		\$ 20.47
	910-150-006	1.00		\$ 6.94
	910-150-014	2.50		\$ 17.35
	910-150-017	2.50		\$ 17.35
	910-160-007	1.00		\$ 6.94
	910-160-014	1.17		\$ 8.12
	910-170-005	0.50		\$ 3.47
	910-170-013	1.50		\$ 10.41
	910-170-016	1.00		\$ 6.94
	910-180-008	1.00		\$ 6.94
	910-180-013	1.00		\$ 6.94
	910-210-003	1.28		\$ 8.88
	910-210-006	1.53		\$ 10.62
	910-020-070	1.00		\$ 6.94
	910-020-071	1.00		\$ 6.94
	910-020-009	2.42		\$ 16.79
	910-020-068	0.50		\$ 3.47
	910-070-006	0.98		\$ 6.80



**TABLE 6**  
**PARCELS SUBJECT TO ANNEXATION STANDBY CHARGES**  
**AS OF JULY 1, 2024**

<b>Annexation</b>	<b>Parcel Number</b>	<b>Acres</b>		<b>Proposed Standby Charge (FY 2025/26)</b>
Eastern MWD	910-070-005	1.24		\$ 8.61
	910-150-009	1.00		\$ 6.94
	910-150-015	2.50		\$ 17.35
	910-160-005	1.00		\$ 6.94
	910-170-003	1.00		\$ 6.94
	910-170-004	0.50		\$ 3.47
	910-020-069	1.00		\$ 6.94
	910-150-001	1.00		\$ 6.94
	910-150-005	5.00		\$ 34.70
	910-160-002	1.00		\$ 6.94
	910-160-003	1.00		\$ 6.94
	910-160-015	9.44		\$ 65.51
	910-170-015	1.00		\$ 6.94
	910-180-015	1.00		\$ 6.94
	910-210-008	1.22		\$ 8.47
	910-210-017	2.39		\$ 16.59
	910-160-004	1.00		\$ 6.94
	910-170-009	1.50		\$ 10.41
	910-100-014	5.15		\$ 35.74
	910-170-008	3.00		\$ 20.82
	910-170-017	1.00		\$ 6.94
	910-170-018	1.33		\$ 9.23
	910-180-017	1.81		\$ 12.56
	910-180-023	1.81		\$ 12.56
	910-210-001	2.61		\$ 18.11
	910-210-002	2.62		\$ 18.18
	910-210-010	2.39		\$ 16.59
	910-210-015	2.39		\$ 16.59
	910-180-003	0.25		\$ 1.74
	910-180-010	2.00		\$ 13.88
	910-210-004	1.28		\$ 8.88
	910-210-005	1.28		\$ 8.88
	910-210-011	2.39		\$ 16.59
	910-210-012	1.33		\$ 9.23
	910-150-011	1.00		\$ 6.94
	910-150-012	2.00		\$ 13.88
	910-160-011	0.94		\$ 6.52
	910-160-012	0.94		\$ 6.52
	910-160-013	0.94		\$ 6.52
	910-180-004	0.25		\$ 1.74
	910-180-005	0.50		\$ 3.47
	910-150-013	1.00		\$ 6.94
	910-170-002	1.00		\$ 6.94
	910-170-012	0.50		\$ 3.47
	910-170-014	2.00		\$ 13.88
	910-180-024	1.95		\$ 13.53
	910-220-008	1.49		\$ 10.34
	910-220-016	25.07		\$ 173.99
	910-220-004	3.74		\$ 25.96
	910-220-009	1.49		\$ 10.34
	910-220-014	4.83		\$ 33.52
	910-210-007	1.00		\$ 6.94

TABLE 6 PARCELS SUBJECT TO ANNEXATION STANDBY CHARGES AS OF JULY 1, 2024				
Annexation	Parcel Number	Acres		Proposed Standby Charge (FY 2025/26)
Eastern MWD	910-220-007	4.36		\$ 30.26
	910-210-016	2.39		\$ 16.59
	910-210-020	2.34		\$ 16.24
	910-220-005	5.59		\$ 38.79
	910-220-010	1.48		\$ 10.27
Western MWD	910-410-011	18.03		\$ 166.42
REORGANIZATIONS BETWEEN MEMBER AGENCIES				
Annexation	Parcel Number	Acres	Original Standby Charge	Proposed Standby Charge (FY 2025/26)
<b>Reorg</b> Fallbrook Public Utility District from San Diego County Water Authority to Eastern Municipal Water District	No APN Presented		\$ 11.51	\$ 6.94
PARCELS SUBJECT TO ANNEXATION STANDBY CHARGES ANTICIPATED AS OF JULY 1, 2025				
Annexation	Parcel Number	Acres		Proposed Standby Charge (FY 2025/26)
None	No APN Presented			
REORGANIZATIONS BETWEEN MEMBER AGENCIES				
Annexation	Parcel Number	Acres	Original Standby Charge	Proposed Standby Charge (FY 2025/26)
<b>Reorg</b> Rainbow Municipal Water District from San Diego County Water Authority to Eastern Municipal Water District	No APN Presented		\$ 11.51	\$ 6.94

THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

RESOLUTION \_\_\_\_

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**RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE METROPOLITAN WATER DISTRICT OF  
SOUTHERN CALIFORNIA  
FIXING AND ADOPTING  
A CAPACITY CHARGE  
EFFECTIVE JANUARY 1, 2026**

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The Board of Directors of The Metropolitan Water District of Southern California (the “Board”) hereby finds that:

1. The Board of The Metropolitan Water District of Southern California (“Metropolitan”), pursuant to Sections 133, 134 and 134.5 of the Metropolitan Water District Act (the “Act”), is authorized to fix such rate or rates for water as will result in revenue which, together with revenue from any water standby or availability of service charge or assessment, will pay the operating expenses of Metropolitan, provide for repairs and maintenance, provide for payment of the purchase price or other charges for property or services or other rights acquired by Metropolitan, and provide for the payment of the interest and principal of its bonded debt; and
2. The amount of revenue to be raised by the Capacity Charge shall be as determined by the Board and allocation of such charges among member agencies shall be in accordance with the method established by the Board; and
3. The Capacity Charge is a charge fixed and adopted by Metropolitan and charged to its member agencies, and is not a fee or charge imposed upon real property or upon persons as an incident of property ownership; and
4. The Capacity Charge is intended to recover the debt service and other appropriately allocated costs to construct, operate and maintain projects needed to meet peak demands on Metropolitan’s distribution system, as shown in the FYs 2024/25 and 2025/26 Cost of Service Report for Proposed Water Rates and Charges (the “2024 Cost of Service Report”); and
5. Pursuant to Resolution 8322, adopted by the Board on May 14, 1991, Resolution 8329, adopted by the Board on July 9, 1991, Resolution 9199, adopted by the Board on March 8, 2016, and Resolution 9201, adopted by the Board on March 8, 2016, and as each is thereafter amended and supplemented, proceeds of the Capacity Charge and other revenues from the sale or availability of water are pledged to the payment of Metropolitan’s revenue bonds, subordinate revenue bonds and short-term certificates, and commercial paper; and
6. The Capacity Charge is charged (on a dollar per cubic-foot-per-second basis) to member public agencies (“member agencies”), based upon the amount of capacity used by such member agency that is designed to recover the cost of providing peaking capacity within the distribution system; and
7. On April 9, 2024, the Board considered the rates and charges presented by the General Manager and approved the biennial budget for fiscal years 2024/25 and 2025/26 and adopted recommended water rates for

calendar years 2025 and 2026 and charges for calendar year 2025, and received information and documents available at <https://www.mwdh2o.com/who-we-are/budget-finance/>; and

8. In approving the biennial budget and adopting the rates and charges on April 9, 2024, the Board determined the amount of revenue to be raised by the Capacity Charge in calendar year 2026 to be based on a Capacity Charge in such year of \$14,500 per cubic-foot-per-second, based on information and documents available at <https://www.mwdh2o.com/who-we-are/budget-finance/>; and

9. Each of the meetings of the Board were conducted in accordance with the Brown Act (commencing at Section 54950 of the Government Code), for which due notice was provided and at which quorums were present and acting throughout;

NOW, THEREFORE, the Board does hereby resolve, determine and order as follows:

**Section 1.** That the Board hereby fixes and adopts a Capacity Charge, as described below, to be effective January 1, 2026.

**Section 2.** That said Capacity Charge shall be in an amount sufficient to provide for payment of the capital financing costs not paid from *ad valorem* property taxes, as well as other appropriately allocated costs, incurred to provide peaking capacity within Metropolitan's distribution system.

**Section 3.** That such Capacity Charge effective January 1, 2026 shall be a charge as specified in Section 5 (set in dollars per cubic-foot-per-second of the peak day capacity) for capacity provided to a member agency, based on the maximum summer day demand placed on the system between May 1 and September 30 for the three-calendar year period ending December 31, 2004, and thereafter for a rolling three-calendar year period.

**Section 4.** The allocation of the Capacity Charge among member agencies is based on data recorded by Metropolitan and shall be conclusive in the absence of manifest error. Corrections may be made by staff for any incorrect recording or calculation, upon verification by the member agency.

**Section 5.** That the Capacity Charge shall be a fixed charge as shown in the following table and collected from each member agency monthly, quarterly or semiannually as agreed to by Metropolitan and the member agency.

**Table 1. Calendar Year 2026 Capacity Charge**

<b>Calendar Year 2026 Capacity Charge</b>					
	Peak Day Demand (cfs) (May 1 through September 30)				Rate (\$/cfs): \$14,500
	Calendar Year				
Member Agency	2022	2023	2024	3-Year Peak	Calendar Year 2026 Capacity Charge
Anaheim	74.5	64.0	23.9	74.5	\$1,080,250
Beverly Hills	23.7	20.6	20.9	23.7	\$343,650
Burbank	8.4	16.3	15.5	16.3	\$236,350
Calleguas	138.8	159.6	167.1	167.1	\$2,422,950
Central Basin	47.1	53.7	50.4	53.7	\$778,650
Compton	0.0	3.2	0.0	3.2	\$46,400
Eastern	187.3	190.5	233.2	233.2	\$3,381,400
Foothill	16.1	14.9	18.1	18.1	\$262,450
Fullerton	15.1	13.8	24.8	24.8	\$359,600
Glendale	31.8	29.0	32.6	32.6	\$472,700
Inland Empire	95.2	99.5	68.7	99.5	\$1,442,750
Las Virgenes	34.8	37.9	30.6	37.9	\$549,550
Long Beach	44.1	41.5	37.9	44.1	\$639,450
Los Angeles	633.1	452.3	433.5	633.1	\$9,179,950
MWDOC	282.0	233.6	258.5	282.0	\$4,089,000
Pasadena	38.3	33.0	35.0	38.3	\$555,350
San Diego CWA	841.5	558.6	498.5	841.5	\$12,201,750
San Fernando	5.3	5.0	0.0	5.3	\$76,850
San Marino	4.9	4.3	4.5	4.9	\$71,050
Santa Ana	18.0	6.2	10.3	18.0	\$261,000
Santa Monica	18.0	21.0	20.1	21.0	\$304,500
Three Valleys	86.6	110.4	98.4	110.4	\$1,600,800
Torrance	29.0	27.1	28.2	29.0	\$420,500
Upper San Gabriel	25.3	11.5	16.4	25.3	\$366,850
West Basin	173.7	171.7	175.6	175.6	\$2,546,200
Western MWD	177.4	181.7	180.6	181.7	\$2,634,650
<b>Total</b>	<b>3,050.0</b>	<b>2,560.9</b>	<b>2,483.3</b>	<b>3,194.8</b>	<b>\$46,324,600</b>
Totals may not foot due to rounding					

**Section 6.** That the Capacity Charge for each member agency, the method of its calculation, cost allocations and other data used in its determination are as specified in the adopted rates and charges to be effective January 1, 2026, which forms the basis of the Capacity Charge, and the corresponding 2024 Cost of Service Report. The adopted rates and charges and cost of service reports are on file and available for review by interested parties at Metropolitan's headquarters.

**Section 7.** That the Capacity Charge specified in Section 5, together with other revenues from Metropolitan's water rates, other charges, ad valorem property taxes, and other miscellaneous revenue, does not exceed the reasonable and necessary cost of providing Metropolitan's water service for which the rates and charges are made, or conferring the benefit provided, and is fairly apportioned to each member agency in proportion to the peak day capacity utilized by each member agency.

**Section 8.** That if any provision of this Resolution or the application to any member agency, property or person whatsoever is held invalid, that invalidity shall not affect other provisions or applications of this Resolution which can be given effect without the invalid portion or application, and to that end the provisions of this Resolution are severable.

**Section 9.** That the General Manager and the General Counsel are hereby authorized to do all things necessary and desirable to accomplish the purposes of this Resolution, including, without limitation, the commencement or defense of litigation and taking all necessary action to satisfy relevant statutes requiring notice by publication.

**Section 10.** That the Board Executive Secretary is hereby directed to transmit a certified copy of this Resolution to the presiding officer of the governing body of each member agency.

I HEREBY CERTIFY that the foregoing is a full, true and correct copy of a Resolution adopted by the Board of Directors of The Metropolitan Water District of Southern California, at its meeting held on April 8, 2025.

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Secretary of the Board of Directors  
of The Metropolitan Water District  
of Southern California



**NOTICE TO MEMBER AGENCIES OF PROPOSED ADOPTION OF READINESS-TO-SERVE CHARGE AND CAPACITY CHARGE FOR CALENDAR YEAR 2026 AND CONTINUATION OF STANDBY CHARGE FOR FISCAL YEAR 2025/26**

The Board of the Metropolitan Water District of Southern California (Metropolitan) adopted a biennial budget for fiscal years 2024/25 and 2025/26 on April 9, 2024. On the same date, the Board also adopted rates for calendar years 2025 and 2026 and charges for calendar year 2025 to meet revenue requirements for fiscal years 2024/25 and 2025/26. The Board's determinations were based on the assumption of Readiness-To-Serve charge collections for calendar year 2026 of \$188 million and a Capacity Charge set at \$14,500 per cubic-foot-second. Accordingly, notice is hereby given to each member public agency of Metropolitan that at its regular meeting to be held April 15, 2025 (or such other date as the Board shall hold its regular meeting in such month), Metropolitan's Board of Directors will consider the adoption of the Readiness-To-Serve Charge and Capacity Charge for calendar year 2026.

The Board's determinations on April 9, 2024 were also based on the continuation of Metropolitan's water standby charge for fiscal year 2025/26. Accordingly, at its regular meeting to be held May 13, 2025, (or such other date as the Board shall hold its regular meeting in such month), the Board will consider the General Manager's recommendation to continue Metropolitan's water standby charge for fiscal year 2025/26 under authority of Section 134.5 of the Act on land within Metropolitan at rates not to exceed, per acre of land, or per parcel of land less than an acre, as presently in effect. Any such water standby charge will be continued for the purpose of applying the collected revenues to the corresponding agencies' Readiness-To-Serve charge obligation.

Board letters with information about the proposed charges will be provided to the Board prior to the board meetings.

Dated: March 17, 2025



Katano Kasaine  
Assistant General Manager/  
Chief Financial Officer

**PROOF OF SERVICE**

STATE OF CALIFORNIA        )  
   ) ss.  
 COUNTY OF LOS ANGELES    )

I am employed in the County of Los Angeles, State of California. I am over the age of 18 years and am employed by The Metropolitan Water District of Southern California; my business address is 700 North Alameda Street, Los Angeles, California 90012.

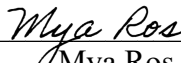
On March 17, 2025, I served the foregoing document described as:

**NOTICE TO MEMBER AGENCIES OF PROPOSED ADOPTION OF READINESS-TO-SERVE CHARGE AND CAPACITY CHARGE FOR CALENDAR YEAR 2026 AND CONTINUATION OF STANDBY CHARGE FOR FISCAL YEAR 2025/26**

on the Metropolitan member public agencies via electronic mail (email) to the following email addresses:

[anatole.falagan@lbwater.org](mailto:anatole.falagan@lbwater.org); [cobegolu@glendaleca.gov](mailto:cobegolu@glendaleca.gov); [cbilezerian@torranceca.gov](mailto:cbilezerian@torranceca.gov); [cparker@anaheim.net](mailto:cparker@anaheim.net); [cmiller@wmwd.com](mailto:cmiller@wmwd.com); [ddenham@sdewa.org](mailto:ddenham@sdewa.org); [DPedersen@lvmwd.com](mailto:DPedersen@lvmwd.com); [davidreyes@cityofpasadena.net](mailto:davidreyes@cityofpasadena.net); [edwardc@westbasin.org](mailto:edwardc@westbasin.org); [elainej@centralbasin.org](mailto:elainej@centralbasin.org); [garry.hofer@amwater.com](mailto:garry.hofer@amwater.com); [hdelatorre@mwdoc.com](mailto:hdelatorre@mwdoc.com); [Janisse.Quinones@ladwp.com](mailto:Janisse.Quinones@ladwp.com); [mouawadj@emwd.org](mailto:mouawadj@emwd.org); [jgarfias@comptoncity.org](mailto:jgarfias@comptoncity.org); [kmccaffrey@calleguas.com](mailto:kmccaffrey@calleguas.com); [MSamra@burbankca.gov](mailto:MSamra@burbankca.gov); [mlitchfield@tvmwd.com](mailto:mlitchfield@tvmwd.com); [nsaba@santa-ana.org](mailto:nsaba@santa-ana.org); [nina.jaz@fmwd.com](mailto:nina.jaz@fmwd.com); [PEskandar@cityofSanMarino.org](mailto:PEskandar@cityofSanMarino.org); [RWilson@burbankca.gov](mailto:RWilson@burbankca.gov); [sepstein@beverlyhills.org](mailto:sepstein@beverlyhills.org); [sdeshmukh@ieua.org](mailto:sdeshmukh@ieua.org); [stephen.bise@cityoffullerton.com](mailto:stephen.bise@cityoffullerton.com); [sunny.wang@smgov.net](mailto:sunny.wang@smgov.net); [tom@usgvmwd.org](mailto:tom@usgvmwd.org); [wjohnson@sfcity.org](mailto:wjohnson@sfcity.org)

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct. Executed on March 17, 2025, at Los Angeles, California.

  
 \_\_\_\_\_  
 Mya Ros



## Finance, Affordability, Asset Management and Efficiency Committee

# Approve Resolutions Fixing and Adopting the Readiness-to-Serve Charge and Capacity Charge for 2026

Item 7-7

April 8, 2025

## Item 7-7

# Approve Resolutions Fixing and Adopting the RTS Charge and Capacity Charge for 2026

## Subject

- Approve Resolutions Fixing and Adopting the Readiness-to-Serve (RTS) Charge and Capacity Charge for Calendar Year (CY) 2026

## Purpose

- Approve the Resolutions fixing and adopting the RTS charge and Capacity charge for CY 2026 at levels previously determined by the Board

# Background

April 9, 2024:

- Board adopted charges for Calendar Year (CY) 2025
  - Readiness-to-Serve (RTS) charge set at \$181M
  - Capacity charge set at \$13,000 per cubic foot per second (CFS)
- Board approved biennial budget for Fiscal Years (FYs) 2024/25 and 2025/26, with revenue assumptions from charges for CY 2026, as follows:
  - RTS charge set at \$188M
  - Capacity charge set at \$14,500 per CFS
- FYs 2024/25 & 2025/26 Cost of Service Report Published April 2024 to support 2025 & 2026 RTS & Capacity Charge

# Fixed Charges Determinations

- RTS charge recovers capital costs of the portion of Metropolitan's system available for emergency service and available capacity during outages and hydrologic variability
  - RTS charge for CY 2026 allocated to member agencies based on their ten-year rolling average firm demands for Fiscal Year (FY) 2014/15 to FY 2023/24
- Capacity charge recovers capital costs of the portion of Metropolitan's system for peaking capacity
  - Capacity charge for CY 2026 charged on the member agencies' peak day demand between May and September for 2022 to 2024



# Requested Action

- Approve the Resolutions fixing and adopting the RTS charge and Capacity charge for CY 2026 at levels previously determined by the Board

# Board Options

- Option # 1
  - Adopt CEQA determination
  - Approve resolutions fixing and adopting the RTS charge and Capacity charge, effective January 1, 2026
- Option # 2
  - Direct staff to revisit FY 2025/26 of the biennial budget and water rates and charges for CY 2026

# Staff Recommendation

- Option # 1
  - Adopt CEQA determination
  - Approve resolutions fixing and adopting the RTS charge and Capacity charge, effective January 1, 2026



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

RESOLUTION 9372

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**RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE METROPOLITAN WATER DISTRICT OF  
SOUTHERN CALIFORNIA  
FIXING AND ADOPTING  
A READINESS-TO-SERVE CHARGE EFFECTIVE JANUARY 1, 2026**

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The Board of Directors of The Metropolitan Water District of Southern California (the “Board”) hereby finds that:

1. Pursuant to Resolution 8774, the Board of The Metropolitan Water District of Southern California (“Metropolitan”) approved a rate structure proposal at its meeting on October 16, 2001, described in Board Letter 9-6, including a Readiness-To-Serve (“RTS”) Charge; and
2. Providing firm revenue sources is a goal of such rate structure; and
3. The amount of revenue to be raised by the RTS Charge shall be as determined by the Board and allocation of the RTS Charge among member public agencies (“member agencies”) shall be in accordance with the method established by the Board; and
4. The RTS Charge is a charge fixed and adopted by Metropolitan and charged to its member agencies, and is not a fee or charge imposed upon real property or upon persons as an incident of property ownership; and
5. Metropolitan has legal authority to fix and adopt such RTS Charge as a water rate pursuant to Sections 133 and 134 of the Metropolitan Water District Act (the “Act”), and to fix it as an availability of service charge pursuant to Section 134.5 of the Act; and
6. Under authority of Sections 133 and 134 of the Act, the Board has the authority to fix the rate or rates for water as will result in revenue which, together with other revenues, will pay Metropolitan’s operating expenditures and provide for payment of other costs, including payment of the interest and principal of Metropolitan’s non-tax funded bonded debt; and
7. The RTS Charge recovers the capital expenditures for infrastructure projects needed to provide emergency storage capacity and available capacity needed to maintain reliable deliveries during outages and service interruptions and during periods of hydrologic variability; and
8. Pursuant to Resolution 8322, adopted by the Board on May 14, 1991, Resolution 8329, adopted by the Board on July 9, 1991, Resolution 9199, adopted by the Board on March 8, 2016, and Resolution 9201, adopted by the Board on March 8, 2016, and as each is thereafter amended and supplemented, proceeds of the RTS Charge and other revenues from the sale or availability of water are pledged to the payment of Metropolitan’s revenue bonds, subordinate revenue bonds, short-term certificates and commercial paper; and

9. Under authority of Section 134.5 of the Act, an RTS Charge levied as an availability of service charge may be collected from the member agencies within Metropolitan, or may continue to be collected as a standby charge against individual parcels within Metropolitan's service area; and

10. Certain member agencies of Metropolitan have opted in prior fiscal years to provide collection of all or a portion of their RTS Charge obligation through a Metropolitan water standby charge ("Standby Charge") levied on parcels within those member agencies; and

11. Under authority of Section 134.5 of the Act, the Standby Charge may continue to be levied on each acre of land or each parcel of land less than an acre within Metropolitan to which water is made available for any purpose by Metropolitan, whether the water is actually used or not; and

12. Metropolitan is willing to comply with the requests of member agencies opting to have Metropolitan continue to levy the Standby Charge within their respective territories, on the terms and subject to the conditions contained herein; and

13. On April 9, 2024, the Board considered the rates and charges presented by the General Manager, approved the biennial budget for fiscal years 2024/25 and 2025/26, adopted recommended water rates for calendar years 2025 and 2026 and charges for calendar year 2025, and received information and documents that have been made available at <https://www.mwdh2o.com/who-we-are/budget-finance/>; and

14. In approving the Proposed Biennial Budget and adopting the rates and charges on April 9, 2024, the Board determined the amount of revenue to be raised by the RTS Charge in calendar year 2026 to be \$188,000,000, based on information and documents available at <https://www.mwdh2o.com/who-we-are/budget-finance/>; and

15. Written notice of intention of Metropolitan's Board to consider and take action at its regular meeting of April 8, 2025, to adopt Metropolitan's RTS Charge for calendar year 2026 was given to each of Metropolitan's member agencies; and

16. The RTS Charge for calendar year 2026 applicable to each member agency is reflected in the Engineer's Report dated April 2025 and its method of its calculation and the specific data used in its determination are as specified in the cost of service report; and

17. Each of the meetings of the Board were conducted in accordance with the Brown Act (commencing at Section 54950 of the Government Code), for which due notice was provided and at which quorums were present and acting throughout;

NOW, THEREFORE, the Board does hereby resolve, determine and order as follows:

**Section 1.** That the Board hereby fixes and adopts an RTS Charge for the period from January 1, 2026 through December 31, 2026.

**Section 2.** That said RTS Charge shall be in an amount sufficient to provide for payment of debt service not paid from *ad valorem* property taxes, and other appropriately allocated costs, for capital expenditures for infrastructure projects needed to provide emergency storage capacity and available capacity needed to maintain reliable deliveries during outages and service interruptions and during periods of hydrologic variability.

**Section 3.** That such RTS Charge for January 1, 2026 through and including December 31, 2026 shall be in the amounts specified in Section 4, which shall be determined on a historic basis for each acre-foot of water,



included in Metropolitan's average water deliveries to its member agencies for the applicable ten-year period identified in Section 4. The aggregate RTS Charge for the period from January 1, 2026 through and including December 31, 2026 shall also be as specified in Section 4.

**Section 4.** That the RTS Charge for January 1, 2026 through and including December 31, 2026 shall be allocated among the member agencies in proportion to the average of applicable deliveries (including exchanges and transfers) through Metropolitan's system (in acre-feet) to each member agency during the ten-year period ending June 30, 2024, unless otherwise agreed and approved by Metropolitan's Board. The allocation of the RTS Charge among member agencies is based on deliveries data recorded by Metropolitan and shall be conclusive in the absence of manifest error but may be corrected by Metropolitan to reflect any errors discovered by Metropolitan.

The amount of the RTS Charge to be charged to each member agency effective January 1, 2026, is as set forth in Schedule 1, which is based on deliveries data prepared by Metropolitan and may be corrected as agreed to by the impacted member agencies:

**Schedule 1**

<b>Calendar Year 2026 RTS Charge</b>			
<b>Member Agency</b>	<b>Rolling Ten-Year Average Firm Deliveries (Acre-Feet) FY2014/15 - FY2023/24</b>	<b>RTS Share</b>	<b>12 months @ \$188 million per year (1/26-12/26)</b>
Anaheim	23,328.3	1.84%	\$ 3,457,223
Beverly Hills	9,458.6	0.75%	1,401,752
Burbank	10,532.3	0.83%	1,560,873
Calleguas MWD	85,497.7	6.74%	12,670,645
Central Basin MWD	30,647.0	2.42%	4,541,845
Compton	8.3	0.00%	1,230
Eastern MWD	96,954.0	7.64%	14,368,454
Foothill MWD	8,062.2	0.64%	1,194,807
Fullerton	6,128.6	0.48%	908,250
Glendale	14,676.3	1.16%	2,175,008
Inland Empire Utilities Agency	54,727.4	4.31%	8,110,528
Las Virgenes MWD	18,431.7	1.45%	2,731,553
Long Beach	26,463.1	2.09%	3,921,796
Los Angeles	242,114.6	19.09%	35,881,061
Municipal Water District of Orange County	172,537.1	13.60%	25,569,769
Pasadena	18,267.3	1.44%	2,707,190
San Diego County Water Authority	145,667.0	11.48%	21,587,655
San Fernando	470.7	0.04%	69,757
San Marino	990.4	0.08%	146,776
Santa Ana	7,865.5	0.62%	1,165,657
Santa Monica	5,039.7	0.40%	746,877
Three Valleys MWD	60,225.0	4.75%	8,925,265
Torrance	14,683.8	1.16%	2,176,120
Upper San Gabriel Valley MWD	40,189.6	3.17%	5,956,045
West Basin MWD	108,841.6	8.58%	16,130,180
Western MWD	66,759.6	5.26%	9,893,684
<b>MWD Total</b>	<b>1,268,567.4</b>	<b>100.00%</b>	<b>\$ 188,000,000</b>

Totals may not foot due to rounding

The General Manager shall establish and make available to member public agencies procedures for administration of the RTS Charge, including filing and consideration of applications for reconsideration of their respective RTS Charge. The General Manager shall review any applications for reconsideration submitted in a timely manner. The General Manager shall also establish reasonable procedures for the filing of appeals from his determination.

**Section 5.** That the RTS Charge specified in Schedule 1, together with other revenues from Metropolitan's water rates, other charges, ad valorem property taxes, and other miscellaneous revenue, does not exceed the reasonable and necessary cost of providing Metropolitan's water services for which the rates and

charges are made, or of conferring the benefit provided, and is fairly apportioned to each member agency as specified in Section 6 below.

**Section 6.** That water conveyed through Metropolitan's system for the purposes of water transfers, exchanges or other similar arrangements shall be included in the calculation of a member agency's rolling ten-year average firm demands used to allocate the RTS Charge.

**Section 7.** That the RTS Charge and the amount applicable to each member agency, the method of its calculation, and the specific data used in its determination are as specified in the adopted rates and charges to be effective January 1, 2026, which forms the basis of the RTS Charge, and the corresponding 2024 Cost of Service Report. The adopted rates and charges and cost of service reports are on file and available for review by interested parties at Metropolitan's headquarters.

**Section 8.** That except as provided in Section 10 below with respect to any RTS Charge collected by means of the Standby Charge, the RTS Charge shall be due monthly, quarterly or semiannually as agreed upon by Metropolitan and the member agency.

**Section 9.** That such RTS Charge may, at the request of any member agency which elected to utilize the Standby Charge as a mechanism for collecting the RTS Charge obligation in fiscal year 1993/94, be collected by continuing the Standby Charge at rates not to exceed rates levied in fiscal year 1996/97 upon land within Metropolitan's (and such member agency's) service area to which water is made available by Metropolitan for any purpose, whether such water is used or not.

**Section 10.** That the Standby Charge shall be collected on the tax rolls, together with the *ad valorem* property taxes which are levied by Metropolitan for the payment of pre-1978 voter-approved indebtedness. Any amounts so collected shall be applied as a credit against the applicable member agency's RTS Charge obligation. After such member agency's RTS Charge allocation is fully satisfied, any additional collections shall be credited to other outstanding obligations of such member agency to Metropolitan that funds the capital costs or maintenance and operation expenses for Metropolitan's water system, or future RTS Charge obligations of such agency. Notwithstanding the provisions of Sections 8 and 9 above, any member agency requesting to have all or a portion of its RTS Charge obligation collected through Standby Charge levies within its territory as provided herein shall pay any portion not collected through net Standby Charge collections to Metropolitan, as provided in Administrative Code Section 4507.

**Section 11.** That notice is hereby given to the public and to each member agency of The Metropolitan Water District of Southern California of the intention of Metropolitan's Board to consider and take action at its regular meeting to be held May 14, 2024 (or such other date as the Board shall hold its regular meeting in such month), on the General Manager's recommendation to continue the Standby Charge for fiscal year 2025/26 under authority of Section 134.5 of the Act on land within Metropolitan at rates not to exceed rates, per acre of land, or per parcel of land less than an acre, levied in fiscal year 1996/97 upon land within Metropolitan's (and such member agency's) service area. Such Standby Charge will be continued as a means of collecting the RTS Charge.

**Section 12.** That no failure to collect, and no delay in collecting, any Standby Charge shall excuse or delay payment of any portion of the RTS Charge when due.

**Section 13.** That the RTS Charge is fixed and adopted by Metropolitan as a rate or charge on its member agencies, and is not a fee or charge imposed upon real property or upon persons as incidents of property ownership, and the Standby Charge is collected within the respective territories of electing member agencies as a mechanism for payment of the RTS Charge. In the event that the Standby Charge, or any portion thereof, is determined to be an unauthorized or invalid fee, charge or assessment by a final judgment in any proceeding at

law or in equity, which judgment is not subject to appeal, or if the collection of the Standby Charge shall be permanently enjoined and appeals of such injunction have been declined or exhausted, or if Metropolitan shall determine to rescind or revoke the Standby Charge, then no further Standby Charge shall be collected within any member agency and each member agency which has requested continuation of the Standby Charge as a means of collecting its RTS Charge obligation shall pay such RTS Charge obligation in full, as if continuation of such Standby Charge had never been sought.

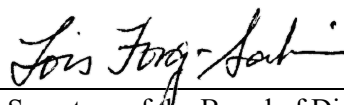
**Section 14.** That the General Manager and the General Counsel are hereby authorized to do all things necessary and desirable to accomplish the purposes of this Resolution, including, without limitation, the commencement or defense of litigation.

**Section 15.** That if any provision of this Resolution or the application to any member agency, property or person whatsoever is held invalid, that invalidity shall not affect other provisions or applications of this Resolution which can be given effect without the invalid portion or application, and to that end the provisions of this Resolution are severable.

**Section 16.** That the General Manager is hereby authorized and directed to take all necessary action to satisfy relevant statutes requiring notice by mailing or by publication.

**Section 17.** That the Board Executive Secretary is hereby directed to transmit a certified copy of this Resolution to the presiding officer of the governing body of each member agency.

I HEREBY CERTIFY that the foregoing is a full, true and correct copy of a Resolution adopted by the Board of Directors of The Metropolitan Water District of Southern California, at its meeting held on April 8, 2025.



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Secretary of the Board of Directors  
of The Metropolitan Water District  
of Southern California

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA  
ENGINEER'S REPORT**

**PROGRAM TO SET A READINESS-TO-SERVE CHARGE EFFECTIVE JANUARY 1, 2026,  
INCLUDING LOCAL OPTION TO CONTINUE COLLECTING A STANDBY CHARGE,  
DURING FISCAL YEAR 2025/26**

**April 2025**

**BACKGROUND**

The Metropolitan Water District of Southern California is a public agency with a primary purpose to provide wholesale water service for domestic and municipal uses to its 26 member public agencies. Approximately 19 million people reside within Metropolitan's service area, which covers approximately 5,200 square miles and includes portions of the six counties of Los Angeles, Orange, Riverside, San Bernardino, San Diego and Ventura. Metropolitan historically provided between 40 and 60 percent of the water used within its service area. To supply Southern California with reliable and safe water, Metropolitan imports water from the Colorado River and Northern California to supplement its member agencies' local supplies, and helps its member agencies develop increased water conservation, recycling, storage and other local resource programs.

**REPORT PURPOSES**

As part of its role as a regional imported water supplier, Metropolitan builds, maintains, and operates capital facilities and implements water management programs that ensure the delivery of reliable high-quality water supplies throughout its service area. The purpose of this report is to: (1) identify and describe those facilities and programs that will be financed in part by Metropolitan's Readiness-to-Serve (RTS) Charge, and (2) describe the method and basis for levying Metropolitan's Standby Charge for those agencies electing to continue to collect a portion of their RTS obligation through Metropolitan's Standby Charge in fiscal year 2025/26. **Because the Standby Charge is levied and collected on a fiscal year basis the calculations in this report also are for the fiscal year, even though the RTS Charge is levied on a calendar year basis.** The RTS Charge for calendar year 2025 was adopted by Metropolitan's Board on April 9, 2024 and the RTS Charge for 2026 will be considered by the Board on April 8, 2025. The Board will consider the continuation of the Standby Charge for fiscal year 2025/26 on May 13, 2025.

Metropolitan collects the RTS Charge from its member agencies to recover a portion of the capital costs including debt service on bonds issued to finance capital facilities needed to meet demands on Metropolitan's system for emergency storage and available capacity to meet outages and hydrologic variability. The Standby Charge is collected from parcels of land within Metropolitan's member agencies that have elected to collect all or a portion of their RTS obligation through the Standby Charge, as a method of recovering the costs of special benefits conferred on parcels within their service area. The RTS Charge will partially pay for the facilities and programs described in this report, namely, the amount attributable to the portions providing emergency storage and available capacity to meet outages and hydrologic variability. The Standby Charge, when collected, will be utilized solely for capital payments and debt service on the capital facilities funded by the RTS Charge, as identified in this report.

The budgeted total RTS revenue for fiscal year 2025/26 is \$184.5 million, of which \$43.9 million is estimated to be collected via the Standby Charge based on fiscal year 2024/25 collections of the Charge as set forth in Table 5. The Standby Charge is collected on property tax bill.

## **METROPOLITAN'S RESPONSE TO FLUCTUATING WATER DEMANDS AND AVAILABILITY OF WATER SOURCES**

Metropolitan's member agencies have widely differing imported water supply needs and the availability of imported water supply from various sources also varies widely. Some agencies have no local water resources and rely on Metropolitan for 100 percent of their annual water needs. Other agencies have adequate local surface supplies and storage and/or groundwater basins that provide them with the majority of their water supplies during wet and average years. However, during dry periods and/or based on a variety of other factors, these agencies rely on Metropolitan to make up any shortfalls in local water supplies. Similar coordination challenges arise in managing water available from Metropolitan's various water supply sources.

To respond to fluctuating demands for water, Metropolitan and its member agencies collectively examined the available local and imported resource options in order to develop a cost-effective plan that meets the reliability and quality needs of the region. The product of this intensive effort was an Integrated Resources Plan (IRP) for achieving a reliable and affordable water supply for Southern California. The major objective of the IRP was to develop a comprehensive water resources plan that ensures (1) reliability, (2) affordability, (3) water quality, (4) diversity of supply, and (5) adaptability for the region, while recognizing the environmental, institutional, and political constraints to resource development. As these constraints change over time, the IRP is periodically revisited and updated by Metropolitan and the member agencies to reflect current conditions. The most recent update was adopted in 2016. In 2022, Metropolitan's Board adopted the 2020 IRP Regional Needs Assessment that incorporated scenario planning to address wide-ranging uncertainties rather than focusing on a single set of assumptions as in the past. To meet the water supply needs of the region, Metropolitan continues to identify and develop additional water supplies to maintain the reliability of the imported water supply and delivery system to its member agencies.

## **CAPITAL FACILITIES — CONVEYANCE AND DISTRIBUTION**

Metropolitan's water system has been built over time to meet the widely differing needs of its member agencies and the various sources of water available to Metropolitan. To meet those needs, Metropolitan's water delivery system is comprised of three basic conveyance and delivery components that form one integrated water system:

- State Water Project (SWP);
- Colorado River Aqueduct (CRA); and
- Distribution System

The system draws on diverse supply sources, transports water across a large part of the State and distributes water in six counties, where member agencies or their retail sub-agencies serve an estimated 19 million people. The CRA and the California Aqueduct of the SWP convey imported water into the Metropolitan service area. This water is then delivered to Metropolitan's member agencies via a regional network of canals, pipelines, and appurtenant facilities, which constitute the Distribution System. Supply, treatment, and storage facilities augment the Distribution System. The system is an interconnected regional conveyance and distribution system with the ability to deliver supplies from each of the SWP, the CRA, and its storage portfolio to most areas of its vast and diverse service area to almost every member agency. This flexibility derives from the capital facilities and provides local and system-wide benefits to all member agencies, as the facilities directly contribute to the reliable delivery of water supplies throughout Metropolitan's service area. The 2020 IRP Needs Assessment, however, identified reliability risks faced by member agencies that depend predominantly on SWP supplies served by Metropolitan.



As the 2007 Integrated Area Study (IAS) emphasized, regional system flexibility is a key component of overall reliability.<sup>1</sup> Today, system flexibility continues to be essential to the availability of Metropolitan's services.<sup>2</sup> Metropolitan must maintain operational flexibility—the ability to respond to short-term changes in regional water supply, water quality, treatment requirements, and member agency demands. Metropolitan must maintain delivery flexibility—the ability to maintain partial to full water supply deliveries during planned and unplanned facility outages. Metropolitan is also required by state statute to serve as large an area as is determined to be reasonable and practical with SWP water; and where a blend of water sources is served, to have the objective to the extent determined to be reasonable and practical. (MWD Act, Sec. 136.)

Metropolitan's intent in the 2007 Integrated Area Study was to provide equitable reliability across its service area through a balanced combination of infrastructure, storage, demand management, and water supply programs. In the context of climate change, historical hydrology proved an inadequate guide to supplies available from the State Water Project and the Colorado River. From 2020 through 2022, imported supply losses outstripped the ability of Metropolitan's portfolio to compensate. Further, Metropolitan could not provide equitable service to all member agencies. As such, Metropolitan's board in August 2022 adopted a resolution that committed to three new policy statements:

1. All member agencies must receive equivalent water supply reliability through an interconnected and robust system of supplies, storage, and programs.
2. Metropolitan will reconfigure and expand its existing portfolio and infrastructure to provide sufficient access to the integrated system of water sources, conveyance and distribution, storage, and programs to achieve equivalent levels of reliability to all member agencies.
3. Metropolitan will eliminate disparate water supply reliability through a One Water integrated planning and implementation approach to manage finite water resources for long-term resilience and reliability, meeting both community and ecosystem needs

In 2023, a series of winter storms brought much needed precipitation in both the northern Sierra and the Upper Colorado River Basins, improving available supplies for Metropolitan. Water supply conditions greatly improved, but also presented challenges to store and distribute all available supplies.

Operational flexibility is being increased by creating an interconnected regional delivery network integrating the SWP and the CRA conveyance systems with the Distribution System. This integrated network will fully allow Metropolitan to incorporate supply from the SWP and the CRA with a diverse portfolio of geographically dispersed storage programs, including the Central Valley groundwater storage programs, carryover storage in San Luis Reservoir, flexible storage capacity in Castaic Lake and Lake Perris, Lake Mead storage, the Desert Water Agency/Coachella Valley Water District Advanced Delivery account, in-basin surface storage in Diamond Valley Lake and Lake Mathews, and in-basin groundwater Conjunctive Use Programs. This integrated, regional network also allows Metropolitan to move supplies throughout the system in response to service demands, supply availability and operational needs.

Metropolitan's integrated conveyance, distribution and storage assets contributes to regional system reliability, with a structural limitation that became starkly evident in the 2020-2022 drought. It is fair and reasonable for member agencies and all property owners within the service area to share the cost of developing and maintaining these assets and newly identified system flexibility projects because they all benefit from regional system flexibility and reliability.

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<sup>1</sup> 2007 Integrated Area Study, Report No. 1317, pg. 2-10.

<sup>2</sup> 2024 Annual Operating Plan, pg. 8-14

## State Water Project Description and Benefits

One of Metropolitan's two major sources of water is the SWP.<sup>3</sup> The SWP is the largest state-built, multipurpose, user-financed water project in the country. It was designed and built primarily to deliver water, but also provides flood control, generates power for pumping, is used for recreation, and enhances habitat for fish and wildlife.

The SWP consists of a complex system of dams, reservoirs, power plants, pumping plants, canals and aqueducts to deliver water. See Figure 1. SWP water consists of water from rainfall and snowmelt runoff that is captured and stored in SWP conservation facilities and then delivered through SWP transportation facilities to water agencies and districts located throughout the Upper Feather River, Bay Area, Central Valley, Central Coast, and Southern California. In addition to the delivery of SWP water, the SWP is also used to convey transfers of SWP water and non-SWP water. Metropolitan receives water from the SWP through the California Aqueduct, which is 444 miles long, and at four delivery points near the northern and eastern boundaries of Metropolitan's service area.

### Figure 1. Facilities of the State Water Project



<sup>3</sup> For historical and current information regarding the SWP, refer to Bulletin 132, published periodically by DWR since 1963. The most recently published Bulletin is Bulletin 132-21 dated July 2024 and titled “Management of the California State Water Project”. Appendices to the Bulletin are also updated separately. Both are available at: <https://water.ca.gov/Programs/State-Water-Project/Management/Bulletin-132>.

The SWP is managed and operated by the Department of Water Resources (DWR). All water supply-related capital expenditures and operations, maintenance, power and replacement (OMP&R) costs associated with the SWP conservation and transportation facilities are paid for by 29 agencies and districts, known collectively as the State Water Contractors (Contractors). The Contractors are participants in the SWP through long-term contracts for the delivery of SWP water and use of the SWP transportation facilities.

In 1960, Metropolitan signed the first water supply contract (as amended, the State Water Contract) with DWR. The original term of the water supply contract was 75 years. In 2022, a contract extension was authorized which extended the original term by another 50 years to 2085. In addition to SWP water, Metropolitan also obtains water from water transfers, groundwater banking and exchange programs delivered through the California Aqueduct.

Since 1960, the SWP system has been extended, improved, and refurbished. All such costs are payable by the Contractors. California WaterFix was a comprehensive science-based solution proposed by the state to modernize critical water delivery infrastructure of the SWP. On October 10, 2017, Metropolitan's Board voted to support financing for the California WaterFix project. However, the state terminated the project in April 2019. Consistent with the Governor's Executive Order N-10-19, the state then announced a new single tunnel Delta conveyance project, which was notably included as part of the Governor's 2020 Water Resilience Portfolio. In 2019, DWR initiated planning and environmental review for a single tunnel Delta Conveyance Project (DCP) to protect the future reliability of access to SWP supplies. In December 2020, the Metropolitan Board authorized the General Manager to execute agreements for (a) funding a share of up to 60.2 percent for planning and pre-construction costs for the DCP, and (b) an amendment to the Joint Powers Agreement for the Delta Conveyance Design and Construction Joint Powers Authority. A Delta conveyance project will contribute to the improvement of capital facilities needed to meet demands on Metropolitan's system for emergency storage and available capacity to meet outages and hydrologic variability. Metropolitan's biennial budget for fiscal years 2024/25 and 2025/26 includes Metropolitan's planned contribution of \$11.6 million for DWR's planning costs of a new Delta conveyance project.

In December 2024, Metropolitan's Board authorized the General Manager to enter into an amended funding agreement for an amount not to exceed \$141.6 million for preconstruction work on the Delta conveyance project planned during 2026-2027. The projection includes approximately \$25.7 million in FY 2025/26 that were not included in the second year of the adopted 2024/25 and 2025/26 Budget, or the adopted calendar year 2026 rates. Metropolitan recently secured a commitment from DWR for a refund of \$75 million in past SWP payments that will cover the \$25.7 million anticipated to be spent in FY 2025/26.

All Metropolitan member agencies benefit from the SWP system and its supplies, which—when available—can be distributed to all member agencies. As described above, the 2020-2022 drought led Metropolitan's board to recommit itself to equitable water supply reliability and to direct staff to identify and pursue solutions to prevent a reoccurrence. Metropolitan's member agencies distribute that water to parcels as retail water providers or as wholesale water providers to retail agencies. In this way, the SWP water that Metropolitan delivers to its member agencies contributes to water available to existing and future end users throughout Metropolitan's service area. The cost of the net capital payments for the SWP less the portion covered by property taxes in fiscal year 2025/26 is \$0 million, as shown in Table 1. Real property throughout Metropolitan's service area benefits from the availability of the SWP facilities and its integration into Metropolitan's system and therefore all such costs may be attributed to such parcels. However, Metropolitan's Standby Charge collects only \$43.9 million of the total \$319.0 million system costs, representing 14% of the total system costs.

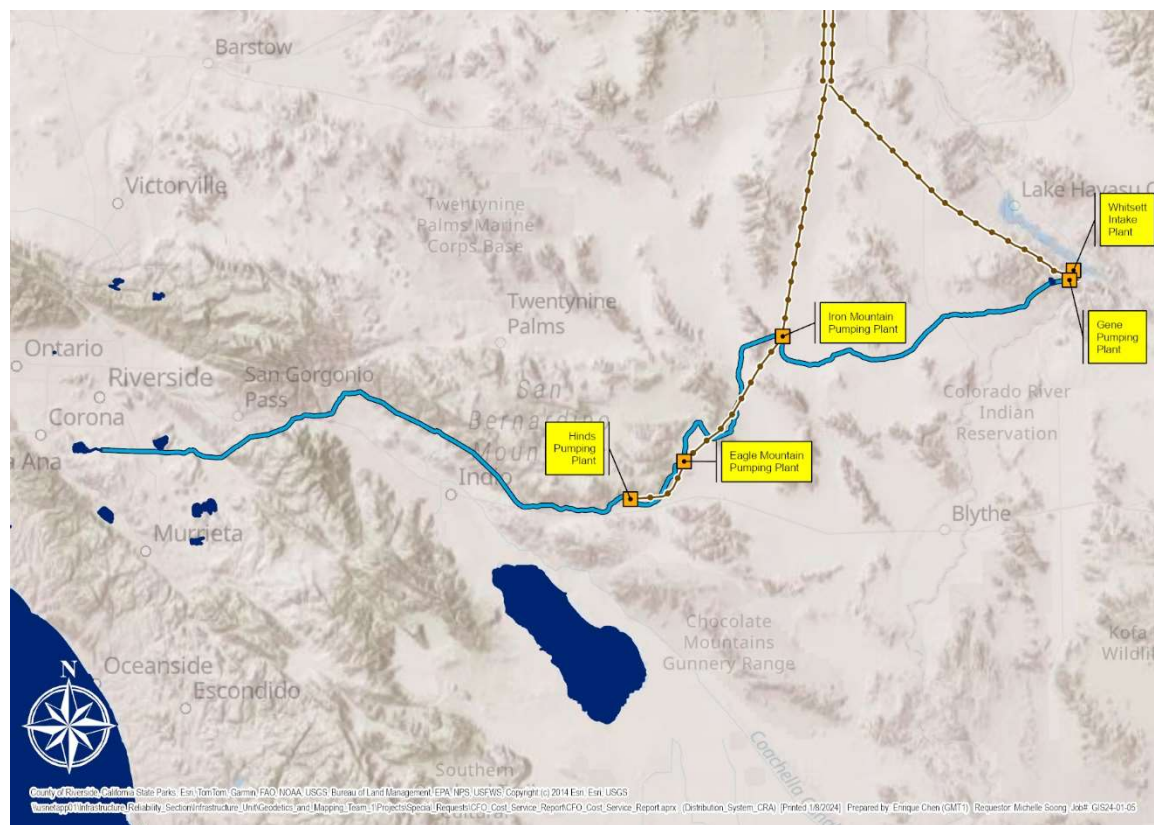
#### Colorado River Aqueduct Description and Benefits

Metropolitan's other major source of water is the CRA. Metropolitan was established to obtain an allotment of Colorado River water, and its first mission was to construct and operate the CRA. The CRA consists of five pumping plants, 450 miles of high voltage power lines, one electric substation, four regulating reservoirs, and 242

miles of aqueducts, siphons, canals, conduits and pipelines terminating at Lake Mathews in Riverside County. See Figure 2. Metropolitan owns, operates, and manages the Colorado River Aqueduct. Metropolitan is responsible for operating, maintaining, rehabilitating, and repairing the CRA, and is responsible for obtaining and scheduling energy resources adequate to power pumps at the CRA's five pumping stations.

Metropolitan incurs capital and operations and maintenance expenditures to support the CRA activities. The direct costs of the CRA activities include labor, materials and supplies, as well as outside services to provide repair and maintenance, and professional services. The CRA activities benefit from Water System Operations support services and management supervision, as well as Administrative and General activities of Metropolitan. Metropolitan finances past, current, and future capital improvements on the CRA, and capitalizes those improvements as assets. The costs of Metropolitan's capital financing activities are apportioned to cost functions, such as the CRA Conveyance and Aqueduct function. The capital cost of the Colorado River Aqueduct and Inland Feeder in fiscal year 2025/26 is \$90.9 million, and is included in the Non-SWP Conveyance System line item in Table 1. Real property throughout Metropolitan's service area benefits from the availability of the CRA facilities and its integration into Metropolitan's system and therefore all such costs may be attributed to such parcels. However, Metropolitan's Standby Charge collects only \$43.9 million of the total \$319.0 million system costs, representing 14% of the total system costs.

**Figure 2. Colorado River Aqueduct**



### Metropolitan's Conveyance and Distribution System Benefits

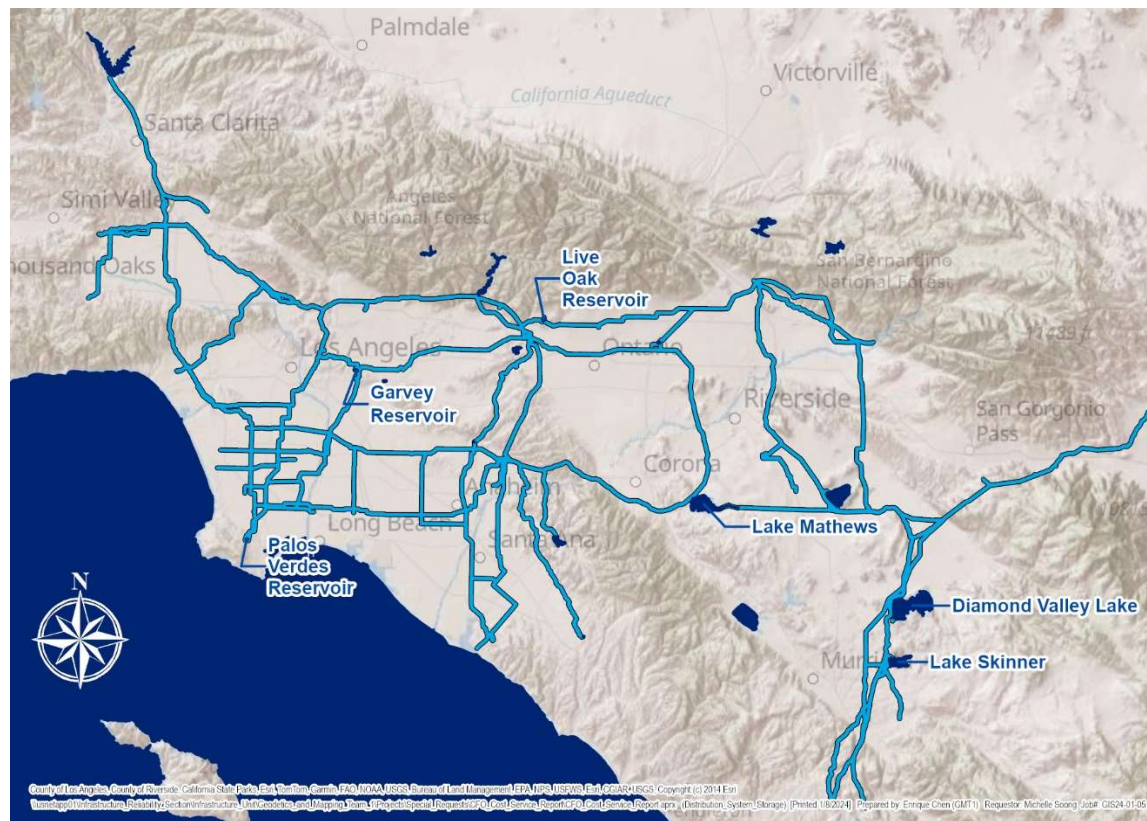
For purposes of this report, components of the conveyance system are considered to include only those major trunk facilities that transport water from primary supply sources to either regional storage facilities or feeder lines linked to the primary conveyance facilities. See Figure 3. For a list of Metropolitan's conveyance facilities within its service area, see Table 3. All other water transport facilities, including pipelines, feeders, laterals, canals and



aqueducts, are considered to be distribution facilities. Distribution facilities can be further identified in that they generally have at least one connection to a member agency's local distribution system. For a list of Metropolitan's distribution facilities, see Table 3.

All water transport facilities not specifically identified as part of the regional conveyance system are considered to be distribution facilities (Distribution System). While conveyance and aqueduct system components are regional in nature and generally do not link directly to local agency distribution systems, Distribution System facilities do ultimately connect to local agency systems. As a result, these facilities rely on conveyance and aqueduct facilities to import water from regional supply sources. The Distribution System is a complex network of facilities which routes water from the CRA and SWP to the member agencies. Beginning at the terminal delivery points of the CRA and SWP, Metropolitan's Distribution System includes approximately 775 miles of pipelines, feeders, and canals. Distribution System operations are coordinated from the Operations Control Center in Eagle Rock. The control center plans, schedules, and balances daily water operations in response to member agency demands and the operational limits of the system as a whole. Metropolitan's storage and treatment facilities augment the Distribution System. Metropolitan operates and maintains separate untreated and treated distribution facilities.

**Figure 3. Metropolitan's Distribution and Storage Facilities**



Metropolitan has an ongoing commitment, through physical system improvements and the maintenance and rehabilitation of existing facilities, to maintain the reliable delivery of water throughout the entire service area. System flexibility improvement projects include additional conveyance and distribution facilities to maintain the dependable delivery of water supplies, provide alternative system delivery capacity, and enhance system operations. Conveyance and distribution system improvement benefits also include projects to upgrade obsolete facilities or equipment, or to rehabilitate or replace facilities or equipment. These projects are needed to enhance system operations, comply with new regulations, and maintain a reliable distribution system. A list of

conveyance and distribution system facilities is provided in Table 3 along with the fiscal year 2025/26 estimated conveyance and distribution system benefits. The capital cost of the Distribution System in fiscal year 2025/26 is \$102.0 million, and is included in the Distribution System line item in Table 1. Real property throughout Metropolitan's service area benefits from the availability of the Distribution System and its integration into Metropolitan's system and therefore all such costs may be attributed to such parcels. However, Metropolitan's Standby Charge collects only \$43.9 million of the total \$319.0 million system costs, representing 14% of the total system costs.

## **CAPITAL FACILITIES – WATER STORAGE**

### **System Storage Benefits**

The Metropolitan system, for purposes of meeting demands during times of shortage, regulating system flows, and ensuring system reliability in the event of a system outage, provides over 1,000,000 acre-feet of system storage capacity. Diamond Valley Lake provides 810,000 acre-feet of that storage capacity, effectively doubling Southern California's previous surface water storage capacity. Other existing imported water storage available to the region consists of Metropolitan's raw water reservoirs, a share of the SWP's raw water reservoirs in and near the service area, and the portion of the groundwater basins used for conjunctive-use storage.

Water stored in system storage during above average supply conditions (surplus) provides a reserve against shortages when supply sources are limited or disrupted. Water storage also preserves Metropolitan's capability to deliver water during scheduled maintenance periods, when conveyance facilities must be removed from service for rehabilitation, repair, or maintenance. The benefits of these capital facilities are both local and system-wide, as the facilities directly contribute to the reliable delivery of water supplies throughout Metropolitan's service area. The capital costs of water storage in fiscal year 2025/26 is \$126.1 and, as shown in Table 1. Real property throughout Metropolitan's service area benefits from the availability of the storage capacity throughout the service area and its integration into Metropolitan's system and therefore all such costs may be attributed to such parcels. However, Metropolitan's Standby Charge collects only \$43.9 million of the total \$319.0 million system costs, representing 14% of the total system costs.

## **METROPOLITAN'S REVENUE**

Metropolitan's major capital facilities are financed largely from the proceeds of revenue bond issues, which are repaid over future years. The principal source of revenue for repayment of these bonds is water sales to its member agencies, which is currently Metropolitan's largest source of revenue. In addition, *ad valorem* property taxes provide an additional limited revenue source, which is used to pay pre-1978 voter-approved indebtedness. However, the use of water rates as a primary source of revenue has placed an increasing burden on member agencies and their ratepayers, which would more equitably continue to be paid in part by assessments on land that in part derives its value from the availability of water through an integrated and reliable water system.

### **Readiness-To-Serve**

In December 1993, Metropolitan's Board approved a revenue structure that included additional charges to establish a commitment to Metropolitan's capital improvement program and provide revenue stability. This revenue structure included the RTS Charge, which in 1995 certain member agencies opted to pay in part pursuant to the collection of a standby charge. In October 2001, the Board adopted the current unbundled rate structure, and maintained the RTS Charge.

As noted above, Metropolitan levies the RTS Charge on its member agencies to recover capital costs, including a portion of the debt service on bonds issued to finance capital facilities needed to meet existing demands on Metropolitan's system for emergency storage and available capacity.



The estimated fiscal year 2025/26 RTS Charge for each member agency is shown in Table 4.

### Standby Charge Option

Metropolitan's Standby Charge is authorized by the State Legislature and has been levied by Metropolitan since fiscal year 1992/93. The Standby Charge recognizes that there are economic benefits to lands that have access to a water supply, whether or not such lands are using it, which excludes lands permanently committed to open space and maintained in their natural state that are not now and will not in the future be supplied water and lands that the General Manager, in his discretion, finds do not now and cannot reasonably be expected to derive a benefit from the projects to which the proceeds of the Standby Charge will be applied. Utilization of the Standby Charge transfers some of the burden of maintaining Metropolitan's capital infrastructure from water rates and *ad valorem* taxes to all the benefiting properties within the service area. A fraction of the value of this benefit and of the cost of providing it can be effectively recovered, in part, through the levying of a standby charge. The projects to be supported in part by the Standby Charge are capital projects that provide both local and Metropolitan-wide benefit to current landowners as well as existing water users.

Although a standby charge could have been set to recover all Conveyance, Distribution, and Storage costs as detailed in Table 1, Metropolitan's continued Standby Charge only collects about 14% of those costs. For fiscal year 2025/26, the amount to be recovered by the RTS Charge is estimated to be \$184.5 million and of that only \$43.9 million is estimated to be recovered by the Standby Charge.

The Standby Charge for each acre or parcel of less than an acre varies from member agency to member agency, as permitted under the legislation establishing Metropolitan's Standby Charge. The water Standby Charge for each member agency is continued at amounts not to exceed the rates in place since fiscal year 1996/97 and is shown in Table 5, which consists of composite rates by member agencies, not to exceed \$15.00. Originally, the composite rates consisted in part of a uniform component of \$5 applicable throughout Metropolitan, and in part of a variable component, not exceeding \$10 in any member public agency, reflecting the allocation of historical water deliveries by the member agencies as of fiscal year 1993/94 when the composite rates were initially established. Metropolitan will continue Standby Charges only within the service areas of the member agencies that have requested that the Standby Charge be utilized for purposes of meeting their outstanding RTS obligation. Although rates may not exceed the amounts in place in fiscal year 1996/97, some rates may be lower.

The Standby Charge is proposed to be collected from: (1) parcels on which water standby charges have been levied in fiscal year 1993/94 and annually thereafter and (2) parcels annexed to Metropolitan and to an electing member agency after January 1997. Table 6 lists parcels annexed, or to be annexed, to Metropolitan and to electing member agencies during fiscal year 2024/25, such parcels being subject to the Standby Charge upon annexation, which is used to estimate the Standby Charge collections for the following fiscal year. Fiscal Year 2025/26 Table 6 also shows parcels known by Metropolitan as annexed, or to be annexed, by the time collections are made for fiscal year 2025/26.

The estimated costs of Metropolitan's wholesale water system, which could be paid by a Standby Charge, are approximately \$319.0 million for fiscal year 2025/26, as shown in Table 1. An average total Standby Charge of about \$73.28 per acre of land or per parcel of land less than one acre would be necessary to pay for the total potential program benefits. Benefits in this amount will accrue to each acre of property and parcel within Metropolitan's service area, as Metropolitan delivers water to member agencies that contributes to water available to these properties, via that member agency or a retail sub-agency. Because Metropolitan's water deliveries to member agencies contributes to water available only to properties located within Metropolitan's service area boundaries (except for certain contractual deliveries as permitted under Section 131 of the Metropolitan Water District Act), any benefit received by the public at large or by properties outside of the area is merely incidental.

Table 5 shows that the distribution of Standby Charge revenues from the various member agency service areas would provide net revenue flow of approximately \$43.9 million for fiscal year 2025/26. Metropolitan will use other revenue sources, such as water sales revenues, RTS Charge revenues (except to the extent collected through standby charges, as described above), interest income, and revenue from sales of hydroelectric power, to pay for the remaining program costs. Additionally, the actual Standby Charge proposed to be continued ranges from \$0.10 to \$14.20 per acre of land or per parcel of land less than one acre. Thus, the benefits of Metropolitan's investments in water conveyance, storage, and distribution far exceed the recommended Standby Charge.

## **Equity**

The RTS Charge is a firm revenue source. The revenues to be collected through this charge will not vary with sales in the current year. This charge is levied on Metropolitan's member agencies and is not a fee or charge upon real property or upon persons as an incident of property ownership. It ensures that agencies that only occasionally purchase water from Metropolitan but receive the reliability benefits of Metropolitan's system pay an equitable share of the costs to provide that reliability. Within member agencies that elect to pay the RTS Charge through Metropolitan's standby charges, the Standby Charge results in a lower RTS Charge than would otherwise be necessary due to the amount of revenue collected from lands which benefit from the availability of Metropolitan's water system. With the Standby Charge, these properties are now contributing a more appropriate share of the cost of importing water to Southern California.

Metropolitan's water system increases the availability and reliable delivery of water throughout Metropolitan's service area. A reliable system benefits existing end users and land uses through retail water service provided by Metropolitan member agencies or by water retailers that purchase water from a Metropolitan member agency, and through the replenishment of groundwater basins and reservoir storage as reserves against shortages due to droughts, natural emergencies, or scheduled facility shutdowns for maintenance. The benefits of reliable water resources from the SWP, CRA, Storage, and system improvements accrue to more than 250 cities and communities within Metropolitan's six-county service area. Metropolitan's regional water system is interconnected, so water supplies from the SWP and CRA can be used throughout most of the service area and therefore benefit water users and properties system-wide.

A major advantage of a firm revenue source, such as an RTS charge, is that it contributes to revenue stability during times of drought or low water sales. It affords Metropolitan additional security, when borrowing funds, that a portion of the revenue stream will be unaffected by drought or by rainfall. This security will help maintain Metropolitan's historically high credit rating, which results in lower interest expense to Metropolitan, and therefore, lower overall cost to its member agencies.

## SUMMARY

The foregoing and the attached tables describe the current costs of Metropolitan's system and benefits provided by the projects listed as mainstays to the water system for Metropolitan's service area. Benefits are provided to member agencies, their retail sub-agencies, water users and property owners. The projects represented by this report provide both local benefits as well as benefits throughout the entire service area. It is recommended, for calendar year 2026, that the Metropolitan Board of Directors adopt the RTS Charge as set forth in Table 4 with an option for local agencies to request that a Standby Charge be collected for fiscal year 2025/26 from lands within Metropolitan's service area as a credit against such member agency's RTS Charge, up to the Standby Charge amounts collected by Metropolitan within the applicable member agency for fiscal year 1996/97. The maximum Standby Charge would not exceed \$15 per acre of land or per parcel of less than one acre. The costs of the system described in this Engineer's Report exceeds the recommended Standby Charge by at least \$275 million. A preliminary listing of all parcels subject to the proposed 2025/26 Standby Charge and the amounts proposed to be continued for each is available in the office of the Chief Financial Officer. A final listing is available upon receipt of final information from each county.

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**TABLE 1**

**ESTIMATED COSTS OF  
WATER SYSTEM INFRASTRUCTURE  
BENEFITING REAL PROPERTY WITHIN METROPOLITAN'S SERVICE AREA**

	Estimated Program Costs for FY2025/26	Dollars Per Parcel of 1 Acre or Less
<b>Capital Payments for Water System Infrastructure</b>		
Net Capital Payments to State Water Project (SWP) (less portion paid by property taxes)	\$ -	\$0.00
Non Tax Supported Capital Costs for Non-SWP Conveyance System <sup>1</sup>	\$ 90,887,289	\$20.88
Non Tax Supported Capital Costs for Distribution System <sup>2</sup>	\$ 101,998,076	\$23.43
Non Tax Supported Capital Costs for Water Storage <sup>3</sup>	\$ 126,115,329	\$28.97
<b>Total Capital Payments</b>	<b>\$ 319,000,695</b>	<b>\$73.28</b>
 <b>Estimated Standby Charge Revenues</b>	 \$ 43,887,274	 \$10.08
Percent Collected by Standby Charge	14%	
 <b>Total Remaining Costs Not Paid by Standby Charge</b>	 <b>\$ 275,113,421</b>	 <b>\$63.20</b>
<b>Notes:</b>		
[1] Non-SWP Conveyance include the Colorado River Aqueduct and Inland Feeder.		
[2] Distribution facilities include the pipelines, laterals, feeders and canals that distribute water throughout the service area.		
[3] System storage includes Diamond Valley Lake, Lake Mathews, Lake Skinner and several other smaller surface reservoirs which provide storage for operational purposes.		
Totals may not foot due to rounding		

<p><b>TABLE 2</b></p> <p><b>WATER RECYCLING, GROUNDWATER RECOVERY AND CONSERVATION PROJECTS</b></p>	
<b>Project Name</b>	<b>FISCAL YEAR 2025/26 Payment</b>
<b>Water Recycling Projects</b>	<b>\$20,470,801</b>
Anaheim Water Recycling Demonstration Project	
Burbank Recycled Water System Expansion Phase II Project	
Capistrano Valley Non Domestic Water System Expansion	
CBMWD Recycled Water System Expansion Phase I	
Direct Reuse Project Phase IIA	
Eastern Recycled Water Pipeline Reach 16 Project	
El Toro Phase II Recycled Water Distribution System Expansion Project	
El Toro Recycled Water System Expansion	
Elsinore Valley Recycled Water Program	
Escondido Membrane Filtration Reverse Osmosis Facility	
Escondido Regional Reclaimed Water Project	
French Valley Recycled Water Distribution Project	
Groundwater Reliability Improvement Program Recycled Water Project	
Hansen Area Water Recycling Phase I Project	
Hansen Dam Golf Course Water Recycling Project	
Jurupa Community Services District Regional Recycled Water Project	
La Puente Recycled Water Project	
Lake Mission Viejo Advanced Purification WTF	
Las Flores Recycled Water System Expansion Project	
Leo J. Vander Lans Water Treatment Facility Expansion Project	
Los Angeles Taylor Yard Park Water Recycling Project	
Michelson/Los Alisos Water Reclamation Plant Upgrades and Distribution System Expansion Project	
North Atwater Area Water Recycling Project	
North Hollywood Area Water Recycling Project	
Oceanside Pure Water and Recycled Water Phase I Project	
Oxnard Advanced Water Purification Facility Project	
Rowland Water District Portion of the City of Industry Regional Recycled Water Project	
San Clemente Recycled Water System Expansion Project	
San Diego Pure Water North City Project Phase I	
San Elijo Water Reclamation System	
Sepulveda Basin Sports Complex Water Recycling Project	
Sepulveda Basin Water Recycling Project - Phase 4	
Terminal Island Recycled Water Expansion Project	
USGVMWD Portion of the City of Industry Regional Recycled Water Project	
Van Nuys Area Water Recycling Project	
Walnut Valley Water District Portion of the City of Industry Regional Recycled Water Project	
West Basin Water Recycling Program Phase V Project	
Westside Area Water Recycling Project	
<b>Groundwater Recovery Projects</b>	<b>\$9,164,100</b>
Beverly Hills Desalter Project	
Cal Poly Pomona Water Treatment Plant	
Chino Basin Desalination Program / IEUA	

TABLE 2 (Continued)	
WATER RECYCLING, GROUNDWATER RECOVERY AND CONSERVATION PROJECTS	
Project Name	FISCAL YEAR 2025/26 Payment
<b>Groundwater Recovery Projects (continued)</b>	<b>\$9,164,100</b>
Chino Basin Desalination Program / Western	
Fallbrook Groundwater Desalter Project	
Irvine Desalter Project	
IRWD Wells 21 & 22 Desalter Project	
North Pleasant Valley Regional Desalter	
Perris II Brackish Groundwater Desalter	
Pomona Well #37-Harrison Well Groundwater Treatment Project	
Round Mountain Water Treatment Plant	
Santa Monica Sustainable Water Supply Project	
<b>On-site Retrofit Program</b>	<b>\$3,000,000</b>
<b>Future Supply Actions</b>	<b>\$3,468,000</b>
<b>Conservation Projects</b>	<b>\$44,150,000</b>
Regionwide Residential	
Regionwide Commercial	
Regionwide Residential and Commercial Turf Replacement Program	
Member Agency Administered/MWD Funded	
Water Savings Incentive Program	
Landscape Training Classes	
Landscape Irrigation Surveys	
Innovative Conservation Program/Pilot Programs/Studies	
Inspections	
Member Agency Technical Assistance	
Conservation Advertising	
Municipal Leak Detection and Repair	
Multifamily Property Toilet Replacement Program	
Residential Direct Install partnership with Southern California Gas Company	
<b>Total Demand Management Programs</b>	<b>\$80,252,901</b>



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Storage Facilities**

102677 - JENSEN, REPAIR COVER OVER RESERVOIR 1  
102836 DIAMOND VALLEY LAKE, CONSULTANT COSTS  
103166 GARVEY RESERVOIR SODIUM HYPOCHLORITE FEED SYSTEM REHABILITATION  
103172 DVL UNGERGROUND TANK CLOSURE  
104800 GARVEY RESERVOIR DRAINAGE AND EROSION IMPROVEMENTS  
105024 GARVEY RESERVOIR SODIUM HYPOCHLORITE TANK REPLACEMENT  
105091 DIAMOND VALLEY LAKE FLOATING WAVE ATTENUATOR  
105100 GARVER RESERVOIR BROKEN DRAIN PIPE AT ABTMNT  
105125 LAKE SKINNER BUILDING ROOF REPLACEMENT  
105176 LIVE OAK RESERVOIR ASPHALT PAVEMENT REHABILITATION  
105202 GARVEY RESERVOIR DRAINAGE & EROSION IMPROVEMENTS - AREAS 6-10, 11  
105207 DVL MARINA BOAT LAUNCH DOCKS REFURBISHMENT  
ALAMEDA CORRIDOR, PIPELINE RELOCATION, PROTECTION  
CAJALCO CREEK AND LAKE MATHEWS ADAS REPLACEMENT PROJECT  
CAPITAL PROGRAM FOR PROJECTS COSTING LESS THAN \$250,000-LIVE OAK  
CAPITAL PROGRAM FOR PROJECTS COSTING LESS THAN \$250,000-MORRIS DAM  
CHINO BASIN GROUNDWATER SERVICE CONNECTION CB-15T  
CHLORINATION AND PH CONTROL FACILITIES- ORANGE COUNTY & GARVEY (50/50)  
CHLORINE CONTAINER SCALES & HOISTING EQUIPMENT-SAN JOAQUIN  
CLEARING OF LAKE MATHEWS RESERVOIR AREA  
CONVERSION OF DEFORMATION SURVEY MONITORING AT COPPER BASIN  
COPPER BASIN AND GENE WASH DAM, INSTALL SEEPAGE ALARM (50/50)  
COPPER BASIN RESERVOIR SUPERVISORY CONTROL  
COPPER BASIN SEWER SYSTEM  
CORONA DEL MAR RESERVOIR- REPLENISHMENT  
CORONA DEL MAR RESERVOIR-: CHLORINATION STATION  
CRANE - LAKE MATHEWS OUTLET TOWER (ORG CONST)  
CUF DECHLORINATION SYSTEM FINAL DESIGN AND CONSTRUCTION  
DAM MONITORING SYSTEM UPGRADES - Lake Mathews  
DAM MONITORING SYSTEM UPGRADES - LAKE SKINNER  
DAM MONITORING SYSTEM UPGRADES LAKE MATHEWS  
DAM MONITORING SYSTEM UPGRADES LAKE SKINNER  
DAM SAFETY AND REHABILITATION PROGRAM, DAM MONITORING AUTOMATION  
DAM SEISMIC ASSESSMENT - PHASE 3  
DAM SEISMIC UPGRADE - PHASE 3  
DAM SEISMIC UPGRADES - PHASE 3  
DIAMOND VALLEY LAKE CRANE REHABILITATION - NEW  
DIAMOND VALLEY LAKE DAM MONITORING SYSTEM UPGRADE  
DIAMOND VALLEY LAKE DAM MONITORING SYSTEM UPGRADE - STAGES 1 & 2  
DIAMOND VALLEY LAKE DAM MONITORING SYSTEM UPGRADES - STAGE 3  
DIAMOND VALLEY LAKE DAM MONITORING SYSTEM UPGRADES - STAGES 1 & 2  
DIAMOND VALLEY LAKE DOMESTIC WATER SYSTEM IMPROVEMENTS  
DIAMOND VALLEY LAKE FOREBAY CONCRETE JOINT SEAL REPLACEMENT  
DIAMOND VALLEY LAKE FUEL TANK MONITORING AND INVENTORY SYSTEM  
DIAMOND VALLEY LAKE INLET/OUTLET TOWER FISH SCREEN REPLACEMENT - CONSTRUCTION  
DIAMOND VALLEY LAKE MARINA BOAT LAUNCH DOCKS REFURBISHMENT  
DIAMOND VALLEY LAKE MONITORING SYSTEM UPGRADES  
DIAMOND VALLEY LAKE OXYGENATION SYSTEM  
DIAMOND VALLEY LAKE, CAL PLAZA CHARGES  
DIAMOND VALLEY LAKE, CONSULTANT COSTS  
DIAMOND VALLEY LAKE, DAM DEFORMATION MONITORING  
DIAMOND VALLEY LAKE, EAST DAM SUMP PUMP ELECTRICAL STUDY  
DIAMOND VALLEY LAKE, GENERAL CONSTRUCTION MGMT, 2000-2001  
DIAMOND VALLEY LAKE, INUNDATION MAPS  
DIAMOND VALLEY LAKE, UNDERGROUND TANK CLOSURE  
DIAMOND VALLEY RECREATION, EAST MARINA  
DIAMOND VALLEY RECREATION, FISHERY  
DIAMOND VALLEY RECREATION, MUSEUM FOUNDATION REHABILITATION  
DIAMOND VALLEY RECREATION, SEARL PARKWAY IMPROVEMENTS, PHASE I  
DIAMOND VALLEY TRAILS PROGRAM, TRAILS  
DIEMER CHLORINE EJECTOR WATER SUPPLY LINE IMPROVEMENTS  
DIEMER FWR SLOPE PROTECTION IMPROVEMENTS  
DIEMER PLANT, RESERVE STRUCTURE MODIFICATION  
DISTRICT DESIGN AND INSPECTION - MORRIS DAM  
DISTRICT RESERV. AQUEOUS AMMONIA FEED SYSTEM  
DISTRICT RESERVOIR - LONGTERM CHEMICAL FAC CONTAINMENT  
DOMESTIC WATER SUPPLY - LAKE MATHEWS (ORG CONST)  
DOMESTIC WATER SYSTEM - LAKE MATHEWS (ORG CONST)  
DOMESTIC WATER SYSTEM-PALOS VERDES RESERVOIR (INTERIM CONST)  
DVL - SEARL PARKWAY EXTENSION - PHASE 2  
DVL - SEARL PARKWAY LANDSCAPING  
DVL AND SKINNER AREA FLOW METER REPLACEMENT  
DVL CONTROL & PROTECTION UPGRADE  
DVL EAST DAM ELECTRICAL UPGRADES  
DVL EAST DAM POWER LINE REALIGNMENT  
DVL EAST MARINA WATER TANK REPLACEMENT  
DVL INLET/OUTLET FISH SCREEN REHABILITATION  
DVL INLET/OUTLET TOWER FISH SCREEN REPLACEMENT - CONSTRUCTION  
DVL RECREATION - ALTERNATE ACCESS ROAD  
DVL RECREATION ENTITLEMENT/MASTER PLANNING  
DVL RECREATION LAKEVIEW TRAIL  
DVL RECREATION, COMMUNITY PARK AND REGIONAL AQUATIC FACILITY  
DVL RECREATION, PROGRAM MANAGEMENT  
DVL RECREATION, SURPLUS LAND DISPOSITION PLANNING  
DVL SECURITY ENHANCEMENT  
DVL, CONSTRUCTION  
DVL, CONSTRUCTION CLAIMS SUPPORT  
DVL, CONSTRUCTION MANAGEMENT SERVICE  
DVL, CONSTRUCTION SUPERVISION  
DVL, CONSTRUCTION, WEST DAM FOUNDATION  
DVL, DEDICATION CEREMONY  
DVL, DISTURBED  
DVL, DOMENIGONI PARK

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Storage Facilities**

DVL, EAST DAM  
DVL, EAST DAM EMBANKMENT  
DVL, EAST DAM FENCING  
DVL, EAST DAM INLET OUTLET TOWER CONSTRUCTION  
DVL, EAST DAM LANDSCAPE SCREENING  
DVL, EAST DAM NORTH RIM REMEDIATION  
DVL, EAST DAM P-1 FACILITIES  
DVL, EAST DAM SITE COMPLETION  
DVL, EAST DAM STATE STREET IMPROVEMENTS  
DVL, EAST DAM VERTICAL SLEEVE VALVE  
DVL, EAST MARINA, PHASE 2  
DVL, EXCAVATION  
DVL, FIXED CONE, SPHERE  
DVL, GENERAL  
DVL, GRADING OF CONT  
DVL, INSTALL NEW WATERLINE  
DVL, MISC SMALL CONS  
DVL, NORTH HIGH WATER ROAD  
DVL, P-1 PUMPING FACILITY  
DVL, PROCUREMENT  
DVL, SCOTT ROAD EXTENSION  
DVL, SOUTH HIGH WATER ROAD & QUARRY  
DVL, SPILLWAY  
DVL, START UP  
DVL, VALLEY-WIDE SITE ROUGH GRADING  
DVL, WORK PACKAGE  
DVL, WORK PACKAGE 1  
DVL, WORK PACKAGE 10, INLET OUTLET WORK  
DVL, WORK PACKAGE 11, FOREBAY  
DVL, WORK PACKAGE 12, TUNNEL  
DVL, WORK PACKAGE 13, P-1 PUMP OPERATIONS FACILITY  
DVL, WORK PACKAGE 14, PC-1  
DVL, WORK PACKAGE 15, SITE CLEARING  
DVL, WORK PACKAGE 16, GROUNDWATER MONITORING  
DVL, WORK PACKAGE 17, FIELD OFFICE  
DVL, WORK PACKAGE 18, TEMPORARY VISITOR CENTER  
DVL, WORK PACKAGE 19, PERMANENT VISITOR CENTER  
DVL, WORK PACKAGE 2, EASTSIDE PIPELINE  
DVL, WORK PACKAGE 20, EAST DAM EXCAVATION, FOUNDATION  
DVL, WORK PACKAGE 21, WEST DAM EXCAVATION, FOUNDATION  
DVL, WORK PACKAGE 23, WEST RECREATION AREA  
DVL, WORK PACKAGE 24, EAST RECREATION AREA  
DVL, WORK PACKAGE 25, EXCAVATION  
DVL, WORK PACKAGE 26, ELECTRICAL TRANSMISSION LINES  
DVL, WORK PACKAGE 27, MAJOR EQUIPMENT P-1  
DVL, WORK PACKAGE 28, MAJOR EQUIPMENT, GATES  
DVL, WORK PACKAGE 29, MAJOR EQUIPMENT, PC-1  
DVL, WORK PACKAGE 30, INSTRUMENTATION AND CONTROL SYSTEMS  
DVL, WORK PACKAGE 31, GEOGRAPHICAL INFO  
DVL, WORK PACKAGE 32, PERMIT  
DVL, WORK PACKAGE 33, MAJOR EQUIPMENT, VALVES  
DVL, WORK PACKAGE 34, EMERGENCY RELEASE  
DVL, WORK PACKAGE 35  
DVL, WORK PACKAGE 36, TRANSMISSION LINE TO PC-1  
DVL, WORK PACKAGE 38, RUNOFF EROSION  
DVL, WORK PACKAGE 39, SADDLE DAM FOUNDATION  
DVL, WORK PACKAGE 4, NEWPORT ROAD RELOCATION  
DVL, WORK PACKAGE 40  
DVL, WORK PACKAGE 42, GEOTECHNICAL  
DVL, WORK PACKAGE 43, MOBILIZATION  
DVL, WORK PACKAGE 44, SITE DEVELOPMENT  
DVL, WORK PACKAGE 47, HAZARDOUS MATERIAL  
DVL, WORK PACKAGE 48, GENERAL ADMIN  
DVL, WORK PACKAGE 49  
DVL, WORK PACKAGE 5, SALT CREEK FLOOD CONTROL  
DVL, WORK PACKAGE 52, HISTORY ARCHEOLOGY INVENTORY  
DVL, WORK PACKAGE 53, PREHISTORIC ARCHEOLOGY  
DVL, WORK PACKAGE 54, PLANTS, WILDLIFE  
DVL, WORK PACKAGE 55, AIR QUALITY, NOISE  
DVL, WORK PACKAGE 6, SURFACE WATER MITIGATION  
DVL, WORK PACKAGE 7, DESIGN WEST DAM ACCESS  
DVL, WORK PACKAGE 8, DESIGN EAST DAM ACCESS  
DVL, WORK PACKAGE 9, SADDLE DAM  
DVL, WORKING INVENTORY, 80,000 ACRE FEET (10% OF CAPACITY)  
EAST DAM TUNNELS  
EAST MARINA BOAT RAMP EXTENSION  
EAST MARINA BOAT RAMP EXTENSION II  
ELECTRICAL SERVICE - LAKE MATHEWS (ORG CONST)  
ELECTRICAL SYSTEM - LAKE MATHEWS (ORG CONST)  
ETIWANDA RESERVOIR REHABILITATION  
FIRST SAN DIEGO AQUEDUCT - REPLACE PIPELINE SECTION BOTH BARRELS  
FLOATING BOAT HOUSE - LAKE MATHEW  
FLOOD RELEASE VALVE, MORRIS DAM & WATER SUPPLY SYSTEM,PV RESER.  
FOOTBRIDGE - LAKE MATHEWS (ORG CONST)  
FOOTHILL FEEDER- LIVE OAK RESERVOIR- CLAIMS  
FOOTHILL FEEDER- LIVE OAK RESERVOIR- RESIDENCE  
GARVER RESERVOIR BROKEN DRAIN PIPE AT ABTMT  
GARVEY RESERVIOR OPERATION & MAINTENANCE CENTER  
GARVEY RESERVIOR OPERATION & MAINTENANCE CENTER (RETIREMENT)  
GARVEY RESERVOIR - JUNCTION STRUCTURE,REPLACE VALVE # 1  
GARVEY RESERVOIR AUTOMATED DATA ACQUISITION SYSTEM (ADAS) REPLACEMENT  
GARVEY RESERVOIR COVER AND LINER REPLACEMENT  
GARVEY RESERVOIR COVER AND LINER REPLACEMENT PROJECT

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Storage Facilities**

GARVEY RESERVOIR DRAINAGE & EROSION CONTROL IMPROVEMENTS  
 GARVEY RESERVOIR DRAINAGE & EROSION IMPROVEMENTS - AREAS 6, 7, 8, 10 & 11 CONSTRUCTION  
 GARVEY RESERVOIR DRAINAGE & EROSION IMPROVEMENTS - AREAS 6-10 & 11 CONSTRUCTION  
 GARVEY RESERVOIR DRAINAGE AND EROSION IMPROVEMENTS  
 GARVEY RESERVOIR- EMERGENCY GENERATOR  
 GARVEY RESERVOIR FENCING AND PEST BARRIER  
 GARVEY RESERVOIR- FLOATING COVER  
 GARVEY RESERVOIR HYPOCHLORITE FEED SYSTEM  
 GARVEY RESERVOIR- JUNCTION STRUCTURE, REPLACE VALVE #1  
 GARVEY RESERVOIR- JUNCTION STRUCTURE, REPLACE VALVE #1 - INTEREST  
 GARVEY RESERVOIR- JUNCTION STRUCTURE, REPLACE VALVES # 4 & 5  
 GARVEY RESERVOIR- MODIFY DESILTING BASINS  
 GARVEY RESERVOIR REPAIR  
 GARVEY RESERVOIR SITE EROSION CONTROL  
 GARVEY RESERVOIR SODIUM HYPOCHLORITE TANK REPLACEMENT  
 GARVEY RESERVOIR, LOWER ACCESS ROAD, PAVING & DRAINS  
 GARVEY RESERVOIR, REPLACE VALVE # 4 & 5  
 GARVEY RESERVOIR, TWO VALVES AT JUNCTION STRUCTURE  
 GARVEY RESERVOIR: CONT. 565, SPEC.412  
 GARVEY RESERVOIR: TWO COTTAGES WITH GARAGES  
 GARVEY RESERVOIR-HYPOCHLORINATION  
 GARVEY RESERVOIR-HYPOCHLORINE STATION  
 GARVEY RESERVOIR-INLET AND OUTLET CONDUIT SYSTEM MODIFICATION  
 GARVEY RESEVOIR-JUNCTION STRUCTURE REPLACE TWO VALVES  
 GARVEY RSVR REPLACE VENTURI THROAT SECTION  
 GARVEY RSVR-REPLACE CENETRUI THROAT SECTION  
 GENE WASH RESERVOIR DISCHARGE VALVE REHABILITATION  
 HAYFIELD GROUNDWATER STORAGE AND EXTRACTION  
 HEADWORKS OF DISTRIBUTION SYSTEM LAKE MATHEWS  
 HEADWORKS: ADDITIONAL VALVES  
 HEADWORKS: MOTOR OPERATED SLIDE GATES  
 HOUSE AND GARAGE AT CORONA DEL MAR RESERVOIR  
 HOUSE AND GARAGE AT ORANGE COUNTY RESERVOIR  
 HOUSE AT PALOS VERDES RESERVOIR  
 HOWELL-BUNGER VALVE OPERATOR, LAKE MATHEWS, 5 VALVES 1939  
 HOWELL-BUNGER VALVE OPERATOR, LAKE MATHEWS, 5 VALVES 1955  
 INSTRUMENTATION AT RESERVOIRS  
 IOC - DIAMOND VALLEY LAKE  
 IOC - DIEMER PLANT, RESERVE STRUCTURE MODIFICATION  
 IOC - GARVEY RESERVOIR REPAIR  
 IOC - GARVEY RESERVOIR, HYPOCHLORINATION SYSTEM  
 IOC - GARVEY RESERVOIR, JUNCTION STRUCTURE, REPLACE VALVE 1  
 IOC - JENSEN RESVR 1 REPAIR AND TEMP SERVICE TO LA-25  
 IOC - LAKE MATHEWS OUTLET FACILITIES  
 IOC - LAKE MATHEWS RESERVOIR, RELOCATE SOUTHERLY SECURITY FENCE  
 IOC - LAKE MATHEWS WATERSHED  
 IOC - LAKE MATHEWS, LUMBER STORAGE BUILDING  
 IOC - LAKE MATHEWS, PREFABRICATED AIRCRAFT HANGAR  
 IOC - LAKE MATHEWS, PROPANE STORAGE TANK  
 IOC - LAKE MATHEWS, SEEPAGE ALARMS  
 IOC - LAKE PERRIS POLLUTION PREVENTION/DISSOLVED OXYGEN  
 IOC - LAKE SKINNER BYPASS PIPELINE #2 AND #3  
 IOC - LAKE SKINNER CHLORINATION SYSTEM OUTLET TOWER BYPASS PPLN  
 IOC - LAKE SKINNER, EQUIPMENT YARD SECURITY  
 IOC - LAKE SKINNER, PROPANE STORAGE TANK  
 IOC - MORRIS RESERVOIR  
 IOC - ORANGE COUNTY RSVR, REPLACE CHLORINATION SYSTEM  
 IOC - PALOS VERDES RSVR, REPLACE CHLORINATION SYSTEM  
 IOC - PAMO RESERVOIR, WATER STORAGE FEASIBILITY STUDY  
 IOC - SAN JOAQUIN RESERVOIR, DRAINAGE CHANNEL IMPROVEMENTS  
 IOC - SOTO ST MAINTENANCE CENTER, PROPANE STORAGE TANK  
 IRVINE PCS/SAN JOAQUIN RESERVOIR-BY PASS/CONTROL SYS REBUILD (50/50)  
 IRVINE REGULATING STRUCTURE SUMP DRAIN LINE  
 JENSEN FINISHED WATER RESERVOIR NO. 1 COVER REHABILITATION  
 JENSEN FINISHED WATER RESERVOIR NO. 1 COVER REHABILITATION  
 JENSEN FINISHED WATER RESERVOIR NO. 2 FLOATING COVER IMPROVEMENT  
 JENSEN FINISHED WATER RESERVOIRS REHABILITATION AND MIXING IMPROVEMENTS  
 JENSEN FLUORIDE TANK REPLACEMENT  
 JENSEN FWR # 2 FLOATING COVER REPLACEMENT  
 JENSEN FWR NO. 2 FLOATING COVER REPLACEMENT  
 JENSEN PLANT, PERMANENT GROUNDWATER DEWATERRING OF RESERVOIR  
 JENSEN PLANT, RESERVOIR 1 RETROFIT  
 JENSEN PLANT, RESERVOIR 2 FLOATING COVER  
 JENSEN RESERVOIR 1 AND 2 MIXING IMPROVEMENTS  
 JENSEN RESERVOIR BYPASS GATE REFURBISHMENT  
 JENSEN, REPAIR COVER OVER RESERVOIR 1  
 LAKE MATHEWS - REPLACE STANDBY GENERATOR  
 LAKE MATHEWS - ELECTRICAL SYSTEM IMPROVEMENT  
 LAKE MATHEWS ABOVEGROUND STORAGE TANK REPLACEMENT  
 LAKE MATHEWS AND LAKE SKINNER COPPER SULFATE STORAGE  
 LAKE MATHEWS AREA PAVING  
 LAKE MATHEWS BUILDING  
 LAKE MATHEWS BUILDINGS 8 & 15, RENOVATION OF ASSEMBLY AREA AND ADMIN. BLDG.  
 LAKE MATHEWS- CARPENTER AND VEHICLE MAINTENANCE BUILDING  
 LAKE MATHEWS- CHLORINATION FACILITIES  
 LAKE MATHEWS CHLORINATION FACILITY- REPLACE CHLORINATION EQPMT.  
 LAKE MATHEWS CNTRL TOWER-REPL. 45 30-INCH GATE/BUTTERFLY VALVES  
 LAKE MATHEWS CONTROL TOWER - REPLACE 45 10-INCH GATE VALVE  
 LAKE MATHEWS DAM SAFETY INSTRUMENTATION UPGRADES  
 LAKE MATHEWS DAM SPILLWAY ASSESSMENT  
 LAKE MATHEWS DIKE  
 LAKE MATHEWS DISASTER RECOVERY FACILITY UPGRADE  
 LAKE MATHEWS DISCHARGE FACILITY UPGRADES

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Storage Facilities**

LAKE MATHEWS DIVERSION TUNNEL  
 LAKE MATHEWS DIVERSION TUNNEL WALKWAY REPAIR  
 LAKE MATHEWS- DOCK AND BOAT SHELTER  
 LAKE MATHEWS DOMESTIC FACILITIES  
 LAKE MATHEWS- DOMESTIC WATER SYSTEM  
 LAKE MATHEWS ELECTRICAL RELIABILITY  
 LAKE MATHEWS- ELECTRICAL SYSTEM IMPROVEMENT  
 LAKE MATHEWS ELECTRICAL UPGRADES  
 LAKE MATHEWS- EMERGENCY GENERATOR  
 LAKE MATHEWS EMERGENCY GENERATOR UPGRADE  
 LAKE MATHEWS ENLARGEMENT (SPEC NO. 505)  
 LAKE MATHEWS FOREBAY - DISCHARGE FACILITY UPGRADES  
 LAKE MATHEWS FOREBAY LINING AND TOWER REPAIRS  
 LAKE MATHEWS FOREBAY OUTLET STRCTR-REPL. CONCRETE BLOCK BLDG  
 LAKE MATHEWS FOREBAY OUTLET, CONCRETE BLDG  
 LAKE MATHEWS FOREBAY PRESSURE CONTROL STRUCTURE AND BYPASS  
 LAKE MATHEWS FOREBAY- REPLACE FOOTBRIDGE  
 LAKE MATHEWS FOREBAY WALKWAY REPAIRS  
 LAKE MATHEWS FOREBAY, HEADWORK FACILITY AND EQUIPMENT UPGRADE  
 LAKE MATHEWS HEADWORKS FOREBAY LINER & OUTLET TOWER REPAIR  
 LAKE MATHEWS HEADWORKS-INSTALL AIR MTRS,3 HOWELL BNGR VALVE OP.  
 LAKE MATHEWS- HOUSE AND GARAGE  
 LAKE MATHEWS HYDRAULIC POWER UNIT REHABILITATION  
 LAKE MATHEWS HYDROELECTRIC PLANT REPAIRS  
 LAKE MATHEWS I/O TOWER EMERGENCY GENERATOR  
 LAKE MATHEWS- IMPROVE MAIN SUBSTATION  
 LAKE MATHEWS- IMPROVEMENT OF DOMESTIC WATER & FIRE PROT. SYSTEM  
 LAKE MATHEWS LIGHTING AND SECURITY IMPROVEMENT  
 LAKE MATHEWS -LUMBER STORAGE BUILDING  
 LAKE MATHEWS -LUMBER STORAGE BUILDING - INTEREST  
 LAKE MATHEWS LUMBER STORAGE ROOF COVER  
 LAKE MATHEWS MAIN DAM AND SPILLWAY  
 LAKE MATHEWS MAIN DAM SUB DRAIN SYSTEM  
 LAKE MATHEWS MAINTENANCE BUILDING  
 LAKE MATHEWS MAINTN.FACILITIES-REPLACE 75 KVA TRANSFORMER.SERV.  
 LAKE MATHEWS- MODIFY CHLORINATION  
 LAKE MATHEWS- MODIFY CHLORINE STORAGE TANK FOUNDATIONS  
 LAKE MATHEWS- MODIFY ELECTRICAL SERVICE  
 LAKE MATHEWS MULTIPLE SPECIES RESERVE, MANAGER'S OFFICE AND RESIDENCE  
 LAKE MATHEWS OFFICE BLDG MODIFICATIONS-AMERICANS W/ DISABILITY  
 LAKE MATHEWS OFFICE TRAILER MODIFICATIONS-AMERICANS W/ DISABILITY  
 LAKE MATHEWS -OPERATOR RESIDENCE  
 LAKE MATHEWS OULET TOWER  
 LAKE MATHEWS OUTLET FACILITIES  
 LAKE MATHEWS OUTLET TOWER CHLORINATION SYSTEM  
 LAKE MATHEWS OUTLET TOWER NO. 2 VALVE REHAB  
 LAKE MATHEWS OUTLET TOWER NO. 2 VALVE REHABILITATION  
 LAKE MATHEWS OUTLET TOWER- REPLACE CRANES  
 LAKE MATHEWS OUTLET TOWER-REPLACE GATE VALVES  
 LAKE MATHEWS OUTLET TOWER-REPLACE GATE VALVES (RETIREMENT)  
 LAKE MATHEWS OUTLET TUNNEL  
 LAKE MATHEWS PERIMETER FENCING UPGRADE - NEW  
 LAKE MATHEWS- PREFABRICATED AIRCRAFT HANGER  
 LAKE MATHEWS- PREFABRICATED AIRCRAFT HANGER - INTEREST  
 LAKE MATHEWS- PROPANE STORAGE TANK  
 LAKE MATHEWS- PROPANE STORAGE TANK - INTEREST  
 LAKE MATHEWS- REPLACE HOWELL-BUNGER VALVE OPERATORS  
 LAKE MATHEWS- REPLACE VALVES  
 LAKE MATHEWS RESERVOIR - RELOCATE SOUTHERLY SECURITY FENCE  
 LAKE MATHEWS RESERVOIR DREDGING AND EMERGENCY DEWATERING FACILITIES  
 LAKE MATHEWS RESERVOIR-RELOCATE SOUTHERLY SECURITY FENCE  
 LAKE MATHEWS RESERVOIR-RELOCATE SOUTHERLY SECURITY FENCE - INTEREST  
 LAKE MATHEWS- SEEPAGE ALARMS  
 LAKE MATHEWS- SEEPAGE ALARMS - INTEREST  
 LAKE MATHEWS SODIUM HYPOCHLORITE TANK REPLACEMENT  
 LAKE MATHEWS SODIUM HYPOCLORITE INJECTION SYSTEM  
 LAKE MATHEWS- SPRAY PAINT BOOTH  
 LAKE MATHEWS VEHICLE MAINTENANCE EXHAUST SYSTEM INSTALLATION  
 LAKE MATHEWS WASTEWATER SYSTEM REPLACEMENT  
 LAKE MATHEWS WATERSHED, DRAINAGE  
 LAKE MATHEWS WATERSHED, DRAINAGE WATER QUALITY MGMT PLAN (CAJALCO CREEK DAM)  
 LAKE MATHEWS WATERSHED, WATER QUALITY IMPROVEMENTS STUDY  
 LAKE MATHEWS, HAZEL ROAD  
 LAKE MATHEWS, REPLACE CHLORINATION EQUIPMENT  
 LAKE MATHEWS,DIKE #1- INSTALL PIEZOMETERS, STAS.55+00 & 85+50  
 LAKE MATHEWS: VALVES AND FITTINGS IN HEADWORKS  
 LAKE MATHEWS-CONST. CONCR.TRAFFIC BARR. WALL TO PROTECT HQ FACIL.  
 LAKE MATTHEWS FIRE WATER LINE  
 LAKE MATTHEWS INTERIM CHLORINATION SYSTEM  
 LAKE PERRIS POLLUTION PREVENTION AND SOURCE WATER PROTECTION (CAPITAL PORTION)  
 LAKE SKINNER - AERATION SYSTEM  
 LAKE SKINNER - CHLORINATION SYSTEM OUTLET TOWER BYPASS PPLN  
 LAKE SKINNER - CHLORINATION SYSTEM OUTLET TOWER BYPASS PPLN - INTEREST  
 LAKE SKINNER - INSTALL OUTLET CONDUIT FLOWMETER  
 LAKE SKINNER (AULD VALLEY RESERVOIR)- CLAIMS  
 LAKE SKINNER AERATOR AIR COMPRESSORS REPLACEMENT  
 LAKE SKINNER BYPASS 2, CATHODIC PROTECTION SYSTEM  
 LAKE SKINNER- EQUIPMENT YARD SECURITY  
 LAKE SKINNER- EQUIPMENT YARD SECURITY - INTEREST  
 LAKE SKINNER FACILITIES  
 LAKE SKINNER FACILITIES - EMPLOYEE HOUSING  
 LAKE SKINNER FACILITIES - FENCING  
 LAKE SKINNER FACILITIES - LANDSCAPING

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Storage Facilities**

LAKE SKINNER FACILITIES - RELOCATE BENTON ROAD  
 LAKE SKINNER OUTLET CONDUIT REPAIR  
 LAKE SKINNER OUTLET TOWER CHLORINE SYSTEM MODIFICATIONS  
 LAKE SKINNER OUTLET TOWER SEISMIC ASSESSMENT  
 LAKE SKINNER OUTLET TOWER SEISMIC UPGRADE  
 LAKE SKINNER PIPELINE CATHODIC PROTECTION  
 LAKE SKINNER- PROPANE STORAGE TANK  
 LAKE SKINNER- PROPANE STORAGE TANK - INTEREST  
 LIVE OAK RESERVOIR & RESERVOIR BYPASS SCHEDULE 264A  
 LIVE OAK RESERVOIR ASPHALT PAVEMENT REHABILITATION  
 LIVE OAK RESERVOIR EMERGENCY DEWATERING IMPROVEMENTS  
 LIVE OAK RESERVOIR PAVEMENT REHABILITATION  
 LIVE OAK RESERVOIR REHABILITATION  
 LIVE OAK RESERVOIR SURFACE REPAIR  
 MAINTENANCE FACILITIES, 75KVA TRANSFORMER SERVICE-LAKE MATHEWS (ORG CONST)  
 MILLS FINISHED WATER RESERVOIR REHABILITATION  
 MILLS FINISHED WATER RESERVOIRS REHABILITATION AND MIXING IMPROVEMENTS  
 MILLS OZONE CONTACTOR 1 & 2 EXPANSION JOINT SEAL  
 MILLS RESERVOIR AND CFE SAMPLE LINE/INSTRUMENT IMPROVEMENT  
 MINOR CAPITAL PROJECTS FOR FY 1989/90 - LAKE MATHEWS  
 MINOR CAPITAL PROJECTS FOR FY 1989/90 - PALOS VERDES RESERVOIR  
 MINOR CAPITAL PROJECTS FY 2010-2011  
 MINOR CAPITAL PROJECTS-IRVINE PCS/ S. JOAQUIN RES. REBUILD CONTROL SYS  
 MINOR CAPITAL PROJECTS-LAKE SKINNER, INLET CANAL ELECTRIC FISH BARRIER  
 MINOR CAPITAL PROJECTS-LIVE OAK RESERVOIR, DESILT BASIN IMPROVEMENTS  
 MODIFICATION OF THE LAKE MATHEWS SERVICE WATER SYSTEM  
 MORRIS DAM COTTAGE  
 MORRIS DAM- ENLARGMT. OF SPILLWAY FACLT.& UPPER FDR.VALVE MODF  
 MORRIS DAM ROAD IMPROVEMENT  
 MORRIS DAM, SEISMIC STABILITY REANALYSIS  
 MORRIS DAM-REPLACE EMERGENGY POWER SYSTEM  
 MORRIS RESERVOIR- CAPITAL OBLIGATION PAID  
 MORRIS RESERVOIR- INTEREST OBLIGATION PAID  
 MWD CYBER SECURITY UPGRADE  
 O.C.RESERVOIR - IMPROVE DOMESTIC SYSTEM  
 ORANGE COUNTY RESERVOIR -- JUNCTION STRUCTURE,REPLACE VALVE # 1  
 ORANGE COUNTY RESERVOIR (SPEC NO. 341)  
 ORANGE COUNTY RESERVOIR CHLORINATION STATION  
 ORANGE COUNTY RESERVOIR- EMBANKMENT AND SPILLWAY  
 ORANGE COUNTY RESERVOIR- EMERGENCY GENERATOR  
 ORANGE COUNTY RESERVOIR- FLOATING COVER  
 ORANGE COUNTY RESERVOIR- HOUSE  
 ORANGE COUNTY RESERVOIR- MODIFY DOMESTIC WATER SYSTEM  
 ORANGE COUNTY RESERVOIR- REPLACE RESIDENCE NO. 95D  
 ORANGE COUNTY RESERVOIR-MODIFY ELEC. CONTROL CENTER  
 ORANGE COUNTY RESERVOIR-REPLACE CHLORINATION EQUIPMENT  
 ORANGE COUNTY RESERVOIR-REPLACE CHLORINATION SYSTEM  
 P V RESERVOIR-REPLACE CHLORINATION SYSTEM  
 P100735 DVL, WORK PACKAGE 40  
 P103081 DVL RECREATION ENTITLEMENT/MASTER PLANNING  
 P103083 DIAMOND VALLEY RECREATION, SEARL PARKWAY IMPROVEMENTS, PHASE I  
 P103088 DVL RECREATION, PROGRAM MANAGEMENT  
 P103810 WADSWORTH PUMP PLANT CONDUIT PROTECTION  
 P103998 LAKE MATTHEWS INTERIM CHLORINATION SYSTEM  
 P104076 LAKE MATHEWS WATERSHED, WATER QUALITY IMPROVEMENTS STUDY  
 P104101 LAKE SKINNER OUTLET CONDUIT REPAIR  
 P104131 SKINNER, RETURN WASH WATER BYPASS  
 P104326 LAKE MATTHEWS FIRE WATER LINE  
 P104735 GARVEY RESERVOIR FENCING AND PEST BARRIER  
 P104893 LAKE MATHEWS WASTEWATER SYSTEM REPLACEMENT  
 P104894 CB-20 AND PM-26 FLOWMETER REPLACEMENT  
 P105010 LAKE MATHEWS SODIUM HYPOCHLORITE TANK REPLACEMENT  
 P105024 GARVEY RESERVOIR SODIUM HYPOCHLORITE TANK REPLACEMENT  
 P105080 IRVINE REGULATING STRUCTURE SUMP DRAIN LINE  
 P105100 GARVER RESERVOIR BROKEN DRAIN PIPE AT ABTMT  
 P105138 LAKE MATHEWS LIGHTING AND SECURITY IMPROVEMENT  
 P105176 LIVE OAK RESERVOIR ASPHALT PAVEMENT REHABILITATION  
 P105202 GARVEY RESERVOIR DRAINAGE & EROSION IMPROVEMENTS - AREAS 6-10, 11 CONSTR  
 P105207 DIAMOND VALLEY LAKE MARINA BOAT LAUNCH DOCKS REFURBISHMENT  
 PALOS VERDES CHLORINATION STATION AND COTTAGE  
 PALOS VERDES RESERVOIR  
 PALOS VERDES RESERVOIR - INLET/OUTLET TOWER  
 PALOS VERDES RESERVOIR- BY PASS PIPELINES  
 PALOS VERDES RESERVOIR COVER AND LINER REPLACEMENT  
 PALOS VERDES RESERVOIR COVER REPLACEMENT  
 PALOS VERDES RESERVOIR- FENCING AROUND  
 PALOS VERDES RESERVOIR GROUNDWATER MANAGEMENT  
 PALOS VERDES RESERVOIR HYPOCHLORITE FEED SYSTEM UPGRADE  
 PALOS VERDES RESERVOIR- REPLACE DOMESTIC WATER SYSTEM PIPING  
 PALOS VERDES RESERVOIR SODIUM HYPOCHLORITE AND SECURITY UPGRADES  
 PALOS VERDES RESERVOIR SODIUM HYPOCHLORITE FEED SYSTEM UPGRADE  
 PALOS VERDES RESERVOIR, SPILLWAY ENERGY DISSIPATOR STRUCTURE MODIFICATIONS  
 PALOS VERDES RESERVOIR,BYPASS PIPELINE RELIEF STRUCTURE MODIFN.  
 PALOS VERDES RESERVOIR,COVERING  
 PALOS VERDES RESERVOIR,REPLACE ACCESS AND PERIMETER ROADS  
 PALOS VERDES RESERVOIR- INCREASING ELEVATION OF SPILLWAY CREST  
 PALOS VERDES RESERVOIR-INSTALL VALVE & CHLORINATION NOZZLE,INL.TWR  
 PALOS VERDES RESERVOIR-REPLACE CHLORINATION SYSTEM  
 PAMO RESERVOIR- WATER STORAGE FEASIBILITY STUDY  
 PAMO RESERVOIR- WATER STORAGE FEASIBILITY STUDY- INTEREST  
 PV RESERVOIR GROUNDWATER MANAGEMENT  
 PVR FACILITY SEWER CONNECTION  
 RECORD DRAWING RESTORATION PROGRAM, CRA

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Storage Facilities**

REPAIRS TO AZUSA CONDUIT  
 REPLACE 32  
 REPLACEMENT OF A 30 INCH GATE VALVE P.V.R.  
 RESIDENCE # 95-D, ORANGE COUNTY RESERVOIR  
 RESIDENCE 45-D - CORONA DEL MAR RESERVOIR  
 RESIDENCE 80-D - ORANGE COUNTY RESERVOIR  
 RESIDENCE 90-D - LAKE MATHEW  
 RESIDENCE 91-D - SAN JACINTO RESERVOIR  
 RESIDENCE 93-D - SAN JACINTO RESERVOIR  
 ROADS AT LAKE MATHEWS ABOVE FLOODLINE  
 SAN DIEGO ACQUEDUCT: COTTAGE AT SAN JACINTO RESERVOIR  
 SAN JACINTO RESERVOIR - SAN DIEGO AQUEDUCT  
 SAN JOAQUIN RESERVOIR- CHLORINE EVAPORATOR  
 SAN JOAQUIN RESERVOIR- CONSTRUCTION OF HOUSE AND SERVICE BUILDING  
 SAN JOAQUIN RESERVOIR- DRAINAGE CHANNEL IMPROVEMENT  
 SAN JOAQUIN RESERVOIR FLOATING COVER  
 SAN JOAQUIN RESERVOIR IMPROVEMENT PROJECT-NEW DESIGN  
 SAN JOAQUIN RESERVOIR IMPROVEMENT STUDY  
 SAN JOAQUIN RESERVOIR IMPROVEMENT STUDY-EIR  
 SAN JOAQUIN RSVR, SLOPE REPAIR  
 SECOND OUTLET, PALOS VERDES RESERVOIR (SPEC NO. 597)  
 SEEPAGE CONTROL AT LAKE MATHEWS  
 SKINNER DAM SAFETY INSTRUMENTATION UPGRADES  
 SKINNER DAM SPILLWAY ASSESSMENT  
 SKINNER FILT PLT, CHLORINE MASS FLOW METERS  
 SKINNER FINISHED WATER RESERVOIR SLIDE GATE REHABILITATION  
 SKINNER FINISHED WATER RESERVOIR SLIDE GATES REHABILITATION  
 SKINNER LADDER SAFETY ACCESS GATES  
 SKINNER WATER TREATMENT PLANT REHABILITATION  
 SKINNER, RETURN WASH WATER BYPASS  
 SKINNNER FILT PLT- ELECTRIC FISH BARRIER  
 SPILLWAY UPGRADES LAKE MATHEWS  
 SPILLWAY UPGRADES LAKE SKINNER  
 TEMPORARY EMPLOYEE LABOR SETTLEMENT  
 VALVE - GENE RESERVOIR (REPLACED 201)  
 VALVE STRUCTURE MODIFICATIONS-UPPER FDR, SAN GABRIEL CROSSING (INTERIM CONST)  
 VALVE, TWO 36  
 WADSWORTH PUMP PLANT CONDUIT PROTECTION  
 WADSWORTH PUMP PLANT, PUMP MOTOR CONVERSION  
 WADSWORTH PUMPING PLANT FIRE PROTECTION SYSTEM UPGRADE - NEW  
 WADSWORTH PUMPING PLANT FIRE PROTECTION SYSTEM UPGRADES  
 WADSWORTH/DVL CONTROL & PROTECTION SYSTEM UPGRADE - CONSTRUCTION & STARTUP  
 WATER QUALITY PROJECT UPSTREAM  
 WATER SUPPLY SYSTEM, OPERATING TOWER, LAKE MATHEWS  
 WEYMOUTH FINISHED WATER RESERVOIR GATE REPLACEMENT  
 WEYMOUTH FINISHED WATER RESERVOIR REHABILITATION  
 WEYMOUTH PLANT RESERVOIR, REMOVE SOIL BLANKET

***Sub-total Storage facilities costs***

***126,115,329***



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

103237 COLORADO RIVER ACQUEDUCT-SIPHONS AND RESERVOIR OUTLETS REFURBISHMENT  
103738 CRA COPPER BASIN OUTLET GATES RELIABILITY  
104093 CRA SAND TRAP EQUIPMENT UPGRADES  
104222 CRA SEISMIC RETROFIT OF 6.9KV SWITCH HOUSES  
104525 GENE WASH RESERVOIR DISCHARGE VALVE REHABILITATION  
104542 CRA PUMPING PLANT WASTEWATER SYSTEM REPLACEMENT - HINDS & EAGLE MOUNTAIN  
104645 CRA 6 9KV POWER CABLES REPLACEMENT  
104769 CRA DISCHARGE LINE ISOLATION BULKHEAD AND COUPLING  
104922 GENE POOL REFURBISHMENT  
105000 SWITCH HOUSE DOORS AT EAGLE MOUNTAIN & IRON MOUNTAIN  
105008 PHYSICAL SECURITY CONTROLS FOR THE IRON MOUNTAIN  
105208 CRA PUMPING PLANTS SCADA NETWORK MAIN SWITCH REPLACEMENT  
105209 CRA PUMPING PLANT STATION BATTERY REPLACEMENT  
105274 CRA LAKEVIEW SIPHON LEAK REPAIR  
105354 CRA MM 33 CANAL SIDEWALL IMPROVEMENTS  
105374 HINDS VILLAGE PAVING REPLACEMENT PROJECT  
2.4 KV STANDBY DIESEL ENGINE GENERATOR REPLACEMENT - GENE  
2.4 KV STANDBY DIESEL ENGINE GENERATOR REPLACEMENT - INTAKE  
2.4 KV STANDBY DIESEL ENGINE GENERATOR REPLACEMENT - IRON  
230KV SWITCH RACK AT CAMINO  
230KV TRANSMISSION LINE PATROL ROAD  
69 KV TAP LINE FROM COLORADO TO GENE  
69 KV TRANSMISSION LINE BETWEEN PARKER PWR PLT & GENE TO INTAKE  
69KV TRANSMISSION LINE TO PARKER DAM  
69KV TRANSMISSION LINE TO WHITSETT PUMPING PLANT FROM GENE  
ACCESS STRUCTURE, TRANSITION STRUCTURE AND MANHOLE COVER REPLACEMENT  
ADDITION TO CABAZON SUBSTATION  
ADDITION TO LAKEVIEW SUBSTATION  
ADDITIONAL SHOP FACILITIES AT GENE PLANT  
ADJUSTMENT TO COST, PARKER POWER  
ALL PLANTS- REPLACE TRANSFORMER BANK 1 PANEL  
ALL PUM P PLANTS - BRIDGE CRANES AND SEISMIC RESTRAINTS  
ALL PUMP PLANTS - REPLACE DOMESTIC WATER TREATMENT SYSTEMS  
ALL PUMP PLANTS - REPLACE STA POWER SUPPLY SYSTEMS  
ALL PUMP PLANTS - SEISMIC RESTRAINTS - BRIDGE CRANES  
ALL PUMP PLTS, MODIFY STATIONARY POWER SUPPLY SYSTEM  
ALL PUMP PLTS, REPL MOTOR TEMPERATURE INSTRUMENTS  
ALL PUMP T PLT- LONGTERM CHEMICAL FAC CONTAINMENT  
ALL PUMPING PLANTS - 230 KV & 69 KV DISCONNECTS REPLACEMENT  
ALL PUMPING PLANTS - BRIDGE CRANES  
ALL PUMPING PLANTS - TRANSFORMER BANK BRIDGE  
ALL PUMPING PLANTS-HYPOCHLORINATION SYSTEM  
ALL PUMPING PLTS-REPLACE 36 IMPELLERS  
ALL PUMPING PLTS-REPL DOMESTIC WTR TREATMENT SYSTEM  
ALL PUPUMPING PLTS - REPLACE MOTOR TEMPERATURE INSTRUMENTS  
ALLEN MCCOLLOCH PIPELINE - CORROSION INTERFERENCE MITIGATION  
ALLEN MCCOLLOCH PIPELINE - RIGHT OF WAY  
ALLEN MCCOLLOCH PIPELINE - UPDATE / MODIFY ALL BOYLE ENGINEERING DRAWINGS  
AMP VALVE & SERVICE CONNECTION VAULT REPAIR  
AQUEDUCT & PUMPING PLANT ISOLATION / ACCESS FIXTURES - STUDY  
AQUEDUCT & PUMPING PLANT ISOLATION GATES  
AQUEDUCT FENCING (SPEC 251)  
AQUEDUCT MAINTENANCE (1937-40)  
AQUEDUCT MAINTENANCE (REPAIRS & PREPARATION FOR OPERATION)  
AQUEDUCT MAINTENANCE-1941  
AQUEDUCT SURVEYS  
ARROWHEAD EAST TUNNEL CONSTRUCTION  
ARROWHEAD TDS REDUCTION  
ARROWHEAD TUNNELS CLAIMS COST  
ARROWHEAD TUNNELS CONNECTOR ROAD  
ARROWHEAD TUNNELS CONSTRUCTION  
ARROWHEAD TUNNELS ENGINEERING  
ARROWHEAD TUNNELS RE-DESIGN  
ARROWHEAD WEST TUNNEL CONSTRUCTION  
AULD VALLEY CONTROL STRUCTURE AREA FACILITIES UPGRADE STUDY  
AULD VALLEY PIPELINE BUBBLER - SKINNER TREATED WATER  
AUXILIARY POWER SYSTEM REHABILITATION / UPGRADES STUDY  
AUXILIARY POWER SYSTEM REHABILITATION/UPGRADES  
BACHELOR MOUNTAIN COMMUNICATION SITE ACQUISITION  
BACHELOR MOUNTAIN TELECOM SITE IMPROVEMENTS  
BANK TRANSFORMERS REPLACEMENT STUDY  
BANNING HEADQUARTERS  
BANNING HINDS TELEPHONE LINE  
BANNING VALVERDE TELEPHONE LINE  
BERNASCONI TUNNEL  
BERNASCONI TUNNEL NO.2, SCH. 311  
BLACK METAL MOUNTAIN - COMMUNICATIONS FACILITY UPGRADE  
BLACK METAL MOUNTAIN 2.4kv ELECTRICAL POWER UPGRADE  
BLACK METAL MOUNTAIN, ELECTRICAL TRANSFORMER UPGRADE  
BLOWOFF AT WIDE CANYON SIPHON- CRA (INTERIM CONST)  
BOX SPRINGS FEEDER REHAB PHASE III  
BUDGET ADJUSTMENT  
BUILDINGS - CAMINO SWITCHING STATION  
C.R.A.- EAGLE AND HINDS PLANTS, STANDBY GENERATORS (1/2 EACH)  
C.R.A.- GENE AND IRON MOUNTAIN ,HOUSES  
C.R.A.- GENE AUTO MAINTENANCE ADDITION  
C.R.A.- GENE PLANT, EMERGENCY GENERATOR  
C.R.A.- GENE VILLAGE SEWAGE DISPOSAL SYSTEM  
C.R.A. HINDS AND EAGLE - REMODEL RECREATION HALLS (1/2 EACH)  
C.R.A.- INTAKE AND GENE -REPLACE CIRCUIT BREAKERS (1/2 EACH)  
C.R.A.- IRON MOUNTAIN AND CAMINO GARAGES  
C.R.A.- MODIFY TV ANTENNA AT GENE  
C.R.A.- RELOCATE MOBILE HOME FROM CASTAIC LAKE TO IRON MOUNTAIN

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

C.R.A.- SANDBLAST FACILITIES AT IRON MOUNTAIN AND GENE (1/2 EACH)  
C.R.A.-REPL. TRANSFORMER COOLING SYSTEMS AT IRON,EAGLE MTN.& HINDS  
CABAZON BIG MORONGO POWER LINES  
CABAZON- HINDS POWER LINES  
CABAZON RADIAL GATE FACILITIES IMPROVEMENT  
CABAZON RADIAL GATE FACILITY IMPROVEMENTS  
CABAZON SUBSTATION  
CABLE TUNNEL VENTILATION SYSTEM,EAGLE MTN PUMP PLT - CRA  
CABLE TUNNEL VENTILATION SYSTEM,IRON MTN PUMP PLT - CRA  
CAJALCO CREEK MITIGATION FLOWS  
CAL TECH TEST LAB OPERATION  
CAMINO CAMP FACILITIES  
CAMINO CAMP FACILITIES SERVICE STATION TRANSFORMERS  
CAMINO SWITCHING STATION- WATER SYSTEM  
CAMP FACILITIES  
CANAL CURB ALONG COLORADO RIVER AQUEDUCT  
CASA LOMA PIPELINE-CONSTRUCT OVERFLOW BASIN & DRAIN LINE  
CASA LOMA SIPHON BARREL NO. 1 - SEISMIC UPGRADES  
CASA LOMA SIPHON- CENTER PORTION SCHEDULE 20C  
CASA LOMA SIPHON- EAST PORTION SCHEDULE 20A; 20B  
CASA LOMA SIPHON LEAK REPAIRS  
CASA LOMA SIPHON- REPLACE FIRST BARREL  
CASA LOMA SIPHON- WEST PORTION SCHEDULE 20  
CASA LOMA WASTEWAY  
CASH DISCOUNTS  
CAST-IRON BLOW OFF REPLACEMENT - PHASE 4  
CATHODIC PROTECTION STUDY - DESIGN AND CONSTRUCTION  
CCRP - BLOW-OFF VALVES PHASE 4 PROJECT  
CCRP - CONTINGENCY  
CCRP - EMERGENCY REPAIR  
CCRP - HEADGATE OPERATORS & CIRCUIT BREAKERS REHAB.  
CCRP - PART 1 & 2  
CCRP - SAND TRAP CLEANING EQUIPMENT & TRAVELING CRANE STUDY  
CCRP - TRANSITION & MAN-WAY ACCESS COVER REPLACEMENT - STUDY & DESIGN  
CCRP - TUNNELS STUDY  
CEPSRP - 230 KV SYSTEM SYNCHRONIZERS  
CEPSRP - ALL PUMPING PLANTS - CONTINGENCY & OTHER CREDITS  
CEPSRP - ALL PUMPING PLANTS - REPLACE 6.9 KV TRANSFORMER BUSHINGS  
CEPSRP - ALL PUMPING PLANTS - REPLACE 230KV , 69 KV & 6.9 KV LIGHTENING ARRESTERS  
CEPSRP - ALL PUMPING PLANTS - REPLACE 230KV TRANSFORMER PROTECTION  
CEPSRP - SWITCHYARDS & HEAD GATES REHABILITATION  
CEPSRP- ALL PUMPING PLANTS - IRON MOUNTAIN - 230KV BREAKER SWITCH. INST.  
CIRCUIT BREAKERS - INTAKE & IRON MOUNTAIN PLANTS - CRA (1/2 EACH)  
CIRCUIT BREAKERS, 29 MAIN POWER UNITS 1,2,3,4 &5 - ALL PLANTS (1/5 EACH)  
CIRCUIT BREAKERS, IRON & EAGLE AND HINDS PUMP PLTS (1/3 EACH)  
CIRCULAR SIPHONS SCHEDULE 21  
CLEARING HINDS RESERVOIR SITE  
COACHELLA TUNNELS  
COACHELLA VALLEY ROADS  
COLORADO RIVER ACQUEDUCT, CONDUIT SCHEDULE 1  
COLORADO RIVER ACQUEDUCT & COVER CONDUIT SCHEDULE 9A  
COLORADO RIVER ACQUEDUCT & COVER CONDUIT, SCHEDULE 7  
COLORADO RIVER ACQUEDUCT , CONCRETE LINED CANAL, SCHEDULE 9  
COLORADO RIVER ACQUEDUCT CANAL SCHEDULE 11  
COLORADO RIVER ACQUEDUCT CANAL SCHEDULE 13  
COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.11A  
COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.12  
COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.13A  
COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.14  
COLORADO RIVER ACQUEDUCT CUT & COVER CONDUIT SK.15  
COLORADO RIVER ACQUEDUCT, 10 BOX SIPHONS, SCHEDULE 10A  
COLORADO RIVER ACQUEDUCT, 10 HALF-CAP SIPHONS, SCHEDULE 4A  
COLORADO RIVER ACQUEDUCT, 12 HALF-CAP SIPHONS, SCHEDULE 3A  
COLORADO RIVER ACQUEDUCT, 12 HALF-CAP SIPHONS, SCHEDULE 5A  
COLORADO RIVER ACQUEDUCT, 2 16 FT.,CIRCULAR SIPHONS, SK.15B  
COLORADO RIVER ACQUEDUCT, 2 CIRCULAR SIPHONS, SCHEDULE 12A  
COLORADO RIVER ACQUEDUCT, 2 CIRCULAR SIPHONS, SK. 15A  
COLORADO RIVER ACQUEDUCT, 2 HALF-CAP SIPHONS, SCHEDULE 1B  
COLORADO RIVER ACQUEDUCT, 3 SIPHONS, SCHEDULE 1A  
COLORADO RIVER ACQUEDUCT, 6 BOX SIPHONS, SCHEDULE 13B  
COLORADO RIVER ACQUEDUCT, 7 HALF-CAP SIPHONS, SCHEDULE 2B  
COLORADO RIVER ACQUEDUCT, 8 BOX SIPHONS, SCHEDULE 9B  
COLORADO RIVER ACQUEDUCT, 8 HALF-CAP SIPHONS, SCHEDULE 3B  
COLORADO RIVER ACQUEDUCT, 9 BOX SIPHONS, SCHEDULE 11B  
COLORADO RIVER ACQUEDUCT, CIRC. SIPHON, SCHEDULE 10B  
COLORADO RIVER ACQUEDUCT, CIRC. SIPHON, SCHEDULE 11C  
COLORADO RIVER ACQUEDUCT, CIRCULAR SIPHON, SK. 14A  
COLORADO RIVER ACQUEDUCT, CONCRETE LINED CANAL, SCHEDULE 10  
COLORADO RIVER ACQUEDUCT, CONCRETE LINED CANAL, SCHEDULE 7A  
COLORADO RIVER ACQUEDUCT, CONDUIT SCHEDULE 2  
COLORADO RIVER ACQUEDUCT, CONDUIT, SCHEDULE 3  
COLORADO RIVER ACQUEDUCT, COPPER BASIN SIPHON  
COLORADO RIVER ACQUEDUCT, FRIDAY HALF-CAP SIPHON, SCHEDULE 6  
COLORADO RIVER ACQUEDUCT, GENE INLET SIPHON  
COLORADO RIVER ACQUEDUCT, HALF-CAP SIPHONS, SCHEDULE 8A  
COLORADO RIVER ACQUEDUCT, HALF-CAP SIPHONS, SCHEDULE 8B  
COLORADO RIVER ACQUEDUCT, LINED CANAL SCHEDULE 4A  
COLORADO RIVER ACQUEDUCT, LINED CANAL SCHEDULE 5  
COLORADO RIVER ACQUEDUCT, LINED CANAL SCHEDULE 8  
COLORADO RIVER AQDCT.WATER STRG IN DESERT GRD.WTR.BASIN-STUDY  
COLORADO RIVER AQUEDUCT - PUMPING  
COLORADO RIVER AQUEDUCT - SIPHONS AND RESERVOIR OUTLETS REFURBISHMENT  
COLORADO RIVER AQUEDUCT (CRA), WHITEWATER SIPHON PROTECTION STUDY

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

COLORADO RIVER AQUEDUCT CONVEYANCE RELIABILITY, PHASE II REPAIRS  
COLORADO RIVER AQUEDUCT CONVEYANCE RELIABILITY, PHASE II REPAIRS AND INSTRUMENTATION  
COLORADO RIVER AQUEDUCT, 1 BOX SIPHON, SCHEDULE HAYFIELD  
COLORADO RIVER AQUEDUCT, 10 HALF-CAP SIPHONS SCHEDULE 17B  
COLORADO RIVER AQUEDUCT, 2 HALF-CAP SIPHONS, SCHEDULE 16A  
COLORADO RIVER AQUEDUCT, 4 SIPHONS, SCHEDULE 16B  
COLORADO RIVER AQUEDUCT, INVESTIGATION OF SIPHONS AND RESERVOIR OUTLETS REFURBIS  
COLORADO RIVER ROAD  
COLORADO RIVER TUNNEL  
COLTON CABAZON POWER LINES  
CONDUIT SCHEDULE 18  
CONDUIT SCHEDULE 19  
CONDUIT SCHEDULE 23  
CONSTRUCTION OF HOUSING FACILITIES-14 HOUSES ON MAIN ACQUEDUCT  
CONTROL ROOM LIGHTING - EAGLE & HINDS PUMPING PLANTS (1/2 EACH)  
CONTROL ROOM LIGHTING - INTAKE & IRON MOUNTAIN PUMP PLANTS - (1/2 EACH)  
CONTROL ROOM LIGHTING, GENE PLANT - CRA  
CONTROL SYSTEM DRAWING UPGRADE STUDY (PHASE 1) - STUDY  
CONVERSION OF DEFORMATION SURVEY MONITORING AT GENE WASH  
COOLERS, PUMP 4 & 5  
COOLERS, PUMP 4 & 6  
COOLERS, PUMP 4 & 7  
COPPER BASIN AND GENE DAM OUTLET WORKS REHABILITATION (STUDY & DESIGN)  
COPPER BASIN AND GENE WASH RESERVOIRS DISCHARGE STRUCTURE REHABILITATION - STAGE 2  
COPPER BASIN AND GENE WASH RESERVOIRS DISCHARGE VALVE REHABILITATION  
COPPER BASIN DAM AND APPURTENANT WORKS  
COPPER BASIN INTERIM CHLORINATION SYSTEM  
COPPER BASIN OUTLET GATES RELIABILITY  
COPPER BASIN OUTLET REHABILITATION  
COPPER BASIN OUTLET, AND COPPER BASIN & GENE WASH DAM SLUICWAYS REHABILITATION  
COPPER BASIN POWER & PHONE LINES REPLACEMENT  
COPPER BASIN RESERVOIR OUTLET STRUCTURE REHABILITATION  
COPPER BASIN RESERVOIR OUTLET STRUCTURE REHABILITATION PROJECT  
COPPER BASIN RESERVOIR ROAD  
COPPER BASIN RESERVOIR: ONE HOUSE WITH GARAGE  
COPPER BASIN RESERVOIRS DISCHARGE VALVE REHABILITATION & METER REPLACEMENT  
COPPER BASIN SERVICE ROAD  
COPPER BASIN SURGE TANK  
COPPER BASIN TUNNELS NO. 1 & 2  
COPPER BASIN, POWER AND COMMUNICATIONS POLE AND TRANSMISSION LINE  
COPPER BASIN, POWER AND COMMUNICATIONS POLE AND TRANSMISSION LINE  
COPPER SULFATE STORAGE AT LAKE SKINNER AND LAKE MATHEWS  
CORRISON CONTROL OZONE MATERIAL TEST FACILITY  
CORROSION CONTROL OZONE MATERIAL TEST FACILITY  
COST OF LAND AND RIGHT OF WAY  
COTTAGE & WATER WELL - CAMINO SWITCHING STATION  
COTTONWOOD TUNNEL  
COXCOMB TUNNEL  
COXCOMB WASTEWAY  
CRA - ACCESS STRUCTURE, TRANSITION STRUCTURE AND MANHOLE COVER REPLACEMENT  
CRA - AQUEDUCT AND PUMPING PLANT ISOLATION GATES  
CRA - AQUEDUCT RESERVOIR AND DISCHARGE LINE ISOLATION GATES  
CRA - AUXILIARY POWER SYSTEM REHAB  
CRA - BANK TRANSFORMERS REPLACEMENT STUDY  
CRA - BLOW-OFF VALVES PHASE 4  
CRA - CIRCULATING WATER SYSTEM STRAINER REPLACEMENT  
CRA - CONTROL SYSTEM IMPLEMENTATION PHASE CLOSE OUT  
CRA - CONVEYANCE RELIABILITY PROGRAM PART 1 & PART 2  
CRA - COPPER BASIN OUTLET, AND COPPER BASIN & GENE WASH SLUICWAYS REHABILITATION  
CRA - COPPER BASIN POWER & PHONE LINES REPLACEMENT  
CRA - CUT & COVER FORNAT WASH EXPOSURE STUDY  
CRA - DANBYTOWER FOOTER REPLACEMENT  
CRA - DELIVERY LINE NO. 1 SUPPORTS REHAB - FIVE PUMPING PLANTS  
CRA - DELIVERY LINES 2&3 SUPPORTS REHAB - GENE & INTAKE  
CRA - DELIVERY LINES 2&3 SUPPORTS REHAB - IRON, EAGLE, & HINDS  
CRA - DESERT PUMP PLANT OIL CONTAINMENT  
CRA - DESERT SEWER SYSTEM REHABILITATION PROJECT  
CRA - DESERT WATER TANK ACCESS & SAFETY IMPROVEMENTS  
CRA - DISCHARGE CONTAINMENT PROGRAM - INVESTIGATION  
CRA - DISCHARGE LINE ISOLATION GATES  
CRA - DWCV-4 VALVE REPLACEMENT  
CRA - EAGLE MOUNTAIN SAND TRAPS INFLOW STUDY  
CRA - ELECTRICAL/ POWER SYST REL. PROG. - IRON MTN - 230KV BREAKER SWITC. INST.  
CRA - GENE PUMPING PLANT MAIN TRANSFORMER AREA  
CRA - HINDS PUMP UNIT NO. 8 REFURBISHMENT  
CRA - INTAKE PUMPING PLANT - COOLING AND REJECT WATER DISCHARGE TO LAKE HAVASU  
CRA - INTAKE PUMPING PLANT AUTOMATION PROGRAMMING  
CRA - INVESTIGATION OF SIPHONS AND RESERVOIR OUTLETS  
CRA - IRON MOUNTAIN RESERVOIR AND CANAL LINER REPAIRS  
CRA - IRON MTN. TUNNEL REHABILITATION  
CRA - IRON MTN., REPLACE RECREATION & CRAFT BLDGS  
CRA - LAKEVIEW SIPHON FIRST BARREL - REPAIR DETERIORATED JOINTS  
CRA - MAIN PUMP MOTOR EXCITERS  
CRA - MAIN PUMP STUDY  
CRA - MOUNTAIN SIPHONS SEISMIC VULNERABILITY STUDY  
CRA - PUMPING PLANT RELIABILITY PROGRAM CONTINGENCY  
CRA - PUMPING PLANTS VULNERABILITY ASSESSMENT  
CRA - PUMPING WELL CONVERSION  
CRA - QUAGGA MUSSEL BARRIERS  
CRA - REAL PROPERTY - BOUNDARY SURVEYS  
CRA - RELIABILITY PROGRAM 230 KV & 69 KV DISCONNECTS REPLACEMENT STUDY ( 5 PLANTS)  
CRA - RELIABILITY PROGRAM INVESTIGATION  
CRA - RELIABILITY PROGRAM PHASE 6 (AQUEDUCT PHASE 6 REHAB.) - SPEC 1568

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

CRA - RELIABILITY PHASE II CONTINGENCY  
CRA - SAND TRAP CLEANING EQUIPMENT AND TRAVELING CRANE  
CRA - SERVICE CONNECTION DWCV-2T VALVES REPLACEMENT AND STRUCTURE CONSTRUCTION  
CRA - SERVICE CONNECTION DWCV-4 A, B, C, & D PLUG VALVES REPLACEMENT  
CRA - SIPHONS, TRANSITIONS, CANALS, AND TUNNELS REHABILITATION AND IMPROVEMENTS  
CRA - SUCTION & DISCHARGE LINES EXPANSION JOINT REHAB  
CRA - SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM  
CRA - SWITCHYARDS AND HEAD GATES REHAB  
CRA - SWITCHYARDS AND HEAD GATES REHABILITATION  
CRA - TRANSFORMER OIL & CHEMICAL UNLOADING PAD CONTAINMENT  
CRA - TUNNELS VULNERABILITY STUDY - REPAIRS TO TUNNELS  
CRA - WEST PORTAL UPGRADE - REHAB OF STILLING WELL, SLIDE GATE OPERATORS AND RADIAL GATES  
CRA - WHITEWATER TUNNEL NO 2 SEISMIC UPGRADE  
CRA 2.4 KV STANDBY DIESEL ENGINE GENERATORS REPLACEMENT  
CRA 230 KV & 69 KV DISCONNECTS SWITCH REPLACEMENT  
CRA 230 KV SYSTEM INTER-AGENCY OPERABILITY UPGRADES  
CRA 230 KV TRANSMISSION LINE - INFRASTRUCTURE RELIABILITY IMPROVEMENTS (REF: PENDING NEW PN104717)  
CRA 230 KV TRANSMISSION SYSTEM REGULATORY AND OPERATIONAL FLEXIBILITY UPGRADES  
CRA 230 KV TRANSMISSION SYSTEM REGULATORY COMPLIANCE AND OPERATIONAL FLEXIBILITY UPGRADES - STUDY  
CRA 230KV & 69KV PROTECTION PANEL UPGRADE  
CRA 230KV TRANSMISSION SYSTEM REGULATORY COMPLIANCE AND OPERATIONAL FLEXIBILITY UPGRADES  
CRA 2400 V VILLAGE ELECTRICAL POWER DISTRIBUTION UPGRADES  
CRA 6 9KV POWER CABLES REPLACEMENT  
CRA 6.9 KV LEAD JACKETED CABLES  
CRA 6.9 KV POWER CABLES REPLACEMENT  
CRA 6.9 KV POWER CABLES REPLACEMENT UNITS 6 TO 9  
CRA 69KV AND 240 KV TRANSFORMERS REPLACEMENT  
CRA 69KV PANEL UPGRADE  
CRA ACCESS STRUCTURE, TRANSITION STRUCTURE AND MANHOLE COVERS REPLACEMENT  
CRA- ALL PUMP PLT3,REPL.THERMOMETERS/TEMP.RECORDERS IN CONT.RM.  
CRA ALL PUMPING PLANTS - FLOW METER UPGRADES  
CRA ALL PUMPING PLANTS, FLOW METER REPLACEMENT  
CRA ANCILLARY EROSION AND DRAINAGE CONTROL  
CRA AND IRON MOUNTAIN RESERVOIR PANEL REPAIRS  
CRA AND IRON MOUNTAIN RESERVOIR PANEL REPLACEMENT  
CRA AQUEDUCT BLOCKER GATE REPLACEMENT  
CRA AQUEDUCT ISOLATION GATES REPLACEMENT  
CRA ASPHALT REPLACEMENT  
CRA AUXILIARY POWER SYSTEM REHABILITATION/UPGRADES FOR FOUR PUMPING PLANTS  
CRA AUXILIARY POWER SYSTEMS  
CRA BLACK METAL COMMUNICATION SITE II UPGRADE  
CRA BLOW-OFF VALVE FLANGE OUTLET  
CRA CANAL CRACK REHAB AND EVALUATION  
CRA CANAL CRACK REHABILITATION  
CRA CANAL IMPROVEMENTS  
CRA CARPORT INSTALLATIONS AT GENE PUMP PLANT  
CRA CARPORT INSTALLATIONS AT IRON MOUNTAIN PUMP PLANT  
CRA CARPORTS FOR HINDS PUMPING PLANT  
CRA CHLORINE INJECTION IMPROVEMENTS  
CRA CHOLLA WASH CONDUIT RELINING  
CRA CIRCULATING WATER SYSTEM STRAINER REPLACEMENT  
CRA CONDUIT EROSION CONTROL IMPROVEMENTS  
CRA CONDUIT FORMAT WASH EROSION REPAIRS  
CRA CONDUIT STRUCTURAL PROTECTION  
CRA CONDUIT STRUCTURAL PROTECTION  
CRA CONVEYANCE RELIABILITY PROGRAM (CCRP) - BLOW-OFF REPAIR  
CRA CONVEYANCE RELIABILITY PROGRAM PART 1 & PART 2  
CRA CONVEYANCE SYSTEM HIGH FLOW RELIABILITY UPGRADES  
CRA COPPER BASIN AND GENE WASH DAM SLUICWAYS  
CRA COPPER BASIN OUTLET GATES RELIABILITY  
CRA COPPER BASIN OUTLET GATES RELIABILITY STUDY  
CRA DELIVERY LINE 1 SUPPORTS REHAB, FIVE PUMPING PLANTS  
CRA DELIVERY LINE REHABILITATION  
CRA DELIVERY LINES 2&3 SUPPORTS REHAB, GENE & INTAKE  
CRA DESERT AIRFIELDS IMPROVEMENT  
CRA DESERT PUMP PLANT OIL CONTAINMENT  
CRA DESERT REGION SECURITY IMPROVEMENTS  
CRA DISCHARGE CONT/GENE CAMP & IRON MTN EQUIPMENT WASH DRAINS  
CRA DISCHARGE CONTAINMENT  
CRA DISCHARGE CONTAINMENT PROGRAM - CONTINGENCY  
CRA DISCHARGE CONTAINMENT PROGRAM - GENE & IRON DRAIN SYSTEMS  
CRA DISCHARGE CONTAINMENT PROGRAM - INVESTIGATION  
CRA DISCHARGE CONTAINMENT PROGRAM - OIL & CHEMICAL UNLOADING PAD CONTAINMENT  
CRA DISCHARGE LINE ISOLATION BULKHEAD AND COUPLING  
CRA DOMESTIC WATER TREATMENT SYSTEM REPLACEMENT  
CRA ELECTRICAL / POWER SYSTEM RELIABILITY PROGRAM (CEPSRP)  
CRA ELECTRICAL GENE PUMP PLT REPLACE 6.9 KV TRANSFORMER BUSHINGS  
CRA ELECTRICAL POWER SYSTEM RELIABILITY PROGRAM PUMP  
CRA ELECTRICAL PUMP PLTS REPLACE 230 KV 69 KV & 6.9 KV LIGHTENING ARRESTERS  
CRA ELECTRICAL/POWER SYSTEM RELIABILITY PROGRAM,IRON MTN  
CRA EMERGENCY REPAIR AQUEDUCT REPUTURE IN DESERT HOT SPRINGS  
CRA ENERGY EFFICIENCY IMPROVEMENTS  
CRA FRED A SIPHON BARREL NUMBER 1  
CRA FRED A SIPHON BARREL NUMBER 1 INTERNAL SEAL INSTALLATION  
CRA- GENE PLANT, VENTILATE CABLE TUNNEL  
CRA- GENE PUMPING PLANT- CONSTRUCTION ADDITION TO TESTING LAB.BLDG.  
CRA GENE PUMPING PLANT HEAVY EQUIPMENT SERVICE PIT  
CRA GENE PUMPING PLANT HEAVY EQUIPMENT SERVICE PIT  
CRA GENE STORAGE WAREHOUSE REPLACEMENT  
CRA HINDS PUMPING PLANT - WASH AREA UPGRADE  
CRA HOUSING IMPROVEMENTS - ADDITION OF TEN NEW HOUSES  
CRA- IMPROVE ROAD TO HEAD GATE- WHITSETT  
CRA INTAKE AND GENE OVER-CURRENT RELAY REPLACEMENT

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

CRA INTAKE PPLANT - POWER & COMMUNICATION LINE REPLACEMENT  
CRA INTAKE PUMP PLANT SHORE PROTECTION  
CRA- INTAKE PUMPING PLANTS- REPL.STA. SERV. RACK CIRCUIT BREAKERS  
CRA IRON GARAGE HEAVY EQUIPMENT SERVICE PIT REPLACEMENT  
CRA IRON HOUSING REPLACEMENT  
CRA- IRON MOUNTAIN AND GENE- HOUSING (1/2/ EACH)  
CRA IRON MOUNTAIN PUMP PLANT 2400 V SWITTC RACK REHABILITATION  
CRA IRON MOUNTAIN PUMP PLANT AND EAGLE MOUNTAIN PUMP PLANT RESERVOIR BOTTOM RELINING  
CRA IRON MOUNTAIN SUCTION JOINT REFURBISHMENT PILOT  
CRA IRON MOUNTAIN VILLAGE-REPLACE REC-MESS HALL FACILITIES  
CRA LAKEVIEW SIPHON  
CRA MAIN PUMP & MOTOR REFURISHMENT  
CRA MAIN PUMP AND MOTOR REFURISHMENT  
CRA MAIN PUMP CIRCULATING WATER SYSTEM REHABILITATION  
CRA MAIN PUMP CONTROLS & INSTRUMENTATION  
CRA MAIN PUMP CONTROLS AND INSTRUMENTATION  
CRA MAIN PUMP DISCHARGE VALVE REFURBISHMENT  
CRA MAIN PUMP MOTOR EXCITERS ASSESSMENT  
CRA MAIN PUMP MOTOR EXCITERS REHABILITATION  
CRA MAIN PUMP MOTOR REHABILITATION (INCLUDES UPCOMING CIP - CRA MAIN PUMP REHABILITATION)  
CRA MAIN PUMP REHABILITATION  
CRA MAIN PUMP REHABILITATION (STAGE 1) - DESIGN PHASE FOR DEMONSTRATION PROJECT  
CRA MAIN PUMP REHABILITATION (STAGE 1) - PRELIMINARY INVESTIGATIONS  
CRA MAIN PUMP STUDY  
CRA MAIN PUMP SUCTION AND DISCHARGE LINES, EXPANSION JOINT REPAIRS  
CRA MAIN PUMPING PLANT DISCHARGE LINE ISOLATION BULKHEAD COUPLING CONSTRUCTION  
CRA MAIN PUMPING PLANT UNIT COOLERS & HEAT ESCHANGERS  
CRA MAIN PUMPING PLANT UNIT COOLERS AND HEAT EXCHANGERS  
CRA MAIN PUMPING PLANTS DISCHARGE LINE ISOLATION BULKHEAD COUPLINGS  
CRA MAIN PUMPING PLANTS DISCHARGE LINE ISOLATION BULKHEAD COUPLINGS  
CRA MAIN PUMPING PLANTS LUBRICATION SYSTEM  
CRA MAIN PUMPING PLANTS SAND REMOVAL SYSTEM  
CRA MAIN PUMPING PLANTS SERVICE WATER & SAND REMOVAL SYSTEM  
CRA MAIN TRANSFORMER REFURBISHMENT  
CRA MAIN TRANSFORMER REPLACEMENT /REHABILITATION  
CRA MAIN TRANSFORMER REPLACEMENT/REHAB.  
CRA- MICROWAVE SYSTEM ENLARGEMENT  
CRA MILE 12 POWER LINE & FLOW MONITORING EQUIP. STUDY  
CRA MM 33 CANAL SIDEWALL IMPROVEMENTS  
CRA- MODIFY INTAKE TRANSFORMER COOLING  
CRA- MODIFY PUMP IMPELLERS AT FIVE PUMPING PLANTS  
CRA OVER-CURRENT RELAY REPLACEMENT  
CRA OVER-CURRENT REPLAY REPLACEMENT  
CRA- PROTECT TRANSFORMERS AT PUMPING PLANTS  
CRA PROTECTIVE SLAB AT EAGLE MOUNTAIN, STATION 5817+00  
CRA PROTECTIVE SLAB AT STATION 9704+77-15-011  
CRA PROTECTIVE SLABS  
CRA PUMP PLANT FLOW METER REPLACEMENT  
CRA PUMP PLANT FLOW METER UPGRADE  
CRA PUMP PLANT LOWER GUIDE ACCESS IMPROVEMENTS  
CRA PUMP PLANT ROLLUP DOOR AND WINDOW REPLACEMENTS  
CRA PUMP PLANT SUMP PIPING REPLACEMENT STUDY  
CRA PUMP PLANT SUMP SYSTEM REHABILITATION  
CRA PUMP PLANT UNINTERRUPTABLE POWER STUDY (UPS) UPGRADE  
CRA PUMP PLANTS 2.3KV & 480V SWITCHRACKS REHAB  
CRA PUMP PLANTS 2.3KV AND 480V SWITCH RACK REHABILITATION  
CRA PUMP PLANTS 2300KV & 480 V SWITCHRACK REHAB  
CRA PUMP PLANTS CIRCULATION WATER SYSTEMS  
CRA PUMP PLANTS ON-LINE INSTR FOR MICROFILT UNIT  
CRA PUMP REHAB PROJECT - AS-BUILT DRAWINGS  
CRA PUMP WELLS CONVERSION AND BLOW-OFF REPAIR  
CRA PUMPING PLANT DELIVERY LINE REHABILITATION  
CRA PUMPING PLANT REHABILITATION STUDY  
CRA PUMPING PLANT REHABILITATION STUDY AND INVESTIGATION  
CRA PUMPING PLANT RELIABILITY PROGRAM  
CRA PUMPING PLANT RELIABILITY PROGRAM - HIGH PRESSURE COMPRESSOR REPLACEMENT  
CRA PUMPING PLANT RELIABILITY PROGRAM - SUCTION & DISCHARGE LINES EXPANSION JOINT STUDY  
CRA PUMPING PLANT RELIABILITY PROGRAM - SUCTION AND DISCHARGE LINES-EXPANSION JOINT REPAIRS  
CRA PUMPING PLANT STATION BATTERY REPLACEMENT  
CRA PUMPING PLANT STORAGE BUILDINGS  
CRA PUMPING PLANT STORAGE BUILDINGS AT HINDS, EAGLE MOUNTAIN AND IRON MOUNTAIN  
CRA PUMPING PLANT SUMP SYSTEM REHABILITATION  
CRA PUMPING PLANT VULNERABILITY ASSESSMENT  
CRA PUMPING PLANT WASTEWATER SYSTEM - GENE & IRON MTN.  
CRA PUMPING PLANT WASTEWATER SYSTEM - INTAKE  
CRA PUMPING PLANT WASTEWATER SYSTEM REHABILITATION - ALL FIVE PUMPING PLANT PRELIMINARY DESIGN  
CRA PUMPING PLANT WASTEWATER SYSTEM REPLACEMENT  
CRA PUMPING PLANT WASTEWATER SYSTEM REPLACEMENT - GENE/IRON MTN FINAL DESIGN  
CRA PUMPING PLANT WASTEWATER SYSTEM REPLACEMENT - HINDS & EAGLE MOUNTAIN  
CRA PUMPING PLANT WASTEWATER SYSTEM REPLACEMENT - HINDS & EAGLE MTN.  
CRA PUMPING PLANTS - AUXILIARY POWER SYSTEM REHABILITATE/UPGRADES  
CRA PUMPING PLANTS 230KV & 69K DISCONNECT SWITCH REPLACEMENT  
CRA PUMPING PLANTS 230KV DISCONNECT SWITHC REPLACEMENT  
CRA PUMPING PLANTS ASPHALT REPLACEMENT  
CRA PUMPING PLANTS CRANE IMPROVEMENTS  
CRA PUMPING PLANTS SCADA NETWORK MAIN SWITCH REPLACEMENT  
CRA PUMPING PLANTS SWITCH HOUSE FAULT CURRENT PROTECTION  
CRA PUMPING PLANTS VULNERABILITY ASSESSMENT  
CRA PUMPING PLANTS WATER TREATMENT SYSTEMS REPLACEMENT  
CRA PUMPING PLT RELIABILITY PROGRAM, DISCHARGE LINE COUPLING INSTALLATION  
CRA PUMPING WELL CONVERSION  
CRA PUMPLING PLANTS DISCHARGE LINE ISOLATION GATES  
CRA QUAGGA MUSSEL BARRIERS

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

CRA RADIAL GATES AND SLIDE GATE REHABILITATION  
CRA RADIAL GATES REPLACEMENT  
CRA REALIABILITY PHASE II, PUMPING PLANT SWITCH HOUSE FAULT CURRENT PROTECTION  
CRA- RECONSTRUCT CAMINO SWITCHING STATION  
CRA- REHAB 11 MAIN TRANSFORMERS  
CRA RELIABILITY - PHASE II PROGRAM  
CRA RELIABILITY PHASE II - PUMPING PLANTS 230KV & 69KV DISCONNECT SWITCH REPLACEMENT  
CRA RELIABILITY PROGRAM - DISCHARGE VALVE LUBRICATORS  
CRA RELIABILITY PROGRAM - MOTOR BREAKER FAULTY CURRENT STUDY (5 PLANTS)  
CRA RELIABILITY PROGRAM PHASE 6 (AQUEDUCT PHASE 6 REHAB.) - SPEC 1568  
CRA RELIABILITY PROGRAM PHASE 6 (SAN JACINTO DIVERSION STRUCTURE)  
CRA RELIABILITY PROGRAM PHS 6 (SAN JACINTO DIV STRUCTURE & SVS CV-4)  
CRA RELIABILITY-PHASE II PROGRAM  
CRA RELIABILITY PHASE II - PUMPING PLANT SWITCH HOUSE FAULT CURRENT PROTECTION  
CRA- RELOCATE MOTOR COLLECTOR RINGS AT IRON MOUNTAIN PLANT  
CRA- REMODEL GENE GUEST LODGE  
CRA- REPL. 2300V STA. SERV. STANDBY POWER LINE AT GENE  
CRA- REPLACE CONTROL ROOM LIGHTING AT INTAKE AND IRON MOUNTAIN  
CRA- REPLACE WATER FLOWMETER INSTRUMENTS- 5 PUMPING PLANTS  
CRA SAND TRAP EQUIPMENT UPGRADES  
CRA SEISMIC EVALUATION - SWITCH HOUSE AND PUMP ANCHORAGE  
CRA SEISMIC RETROFIT OF 6.9KV SWITCH HOUSES  
CRA SEISMIC UPGRADE OF 6.9KV SWITCH HOUSES  
CRA SERVICE CONNECTION DWCV-2T VALVES REPLACEMENT AND STRUCTURE CONSTRUCTION  
CRA SERVICE CONNECTION DWCV-4 VALVES REPLACEMENT  
CRA SIPHON REHAB  
CRA SIPHONS, TRANSITIONS, CANALS AND TUNNELS REHABILITATION & IMPROVMENTS  
CRA SIPHONS, TRANSITIONS, CANALS, AND TUNNELS REHABILITATION AND IMPROVEMENTS  
CRA SUCTION AND DISCHARGE LINES - EXPANSION JOINT REPAIRS  
CRA SUPPORT FACILITIES SEISMIC EVALUATIONS  
CRA SURGE CHAMBER DISCHARGE LINE BY-PASS COVERS  
CRA SWITCHRACKS & ANCILLARY STRUCTURES EROSION CONTROL  
CRA TRANSFORMER OIL AND SODIUM HYPOCHLORITE CONTAINMENT  
CRA TRANSITION STRUCTURE AND MANHOLE COVERS REPLACEMENT  
CRA TRANSITION STURCTURE AND MANHOLE STRUCTURES COVERS REPLACEMENT  
CRA TUNNELS - SEISMIC RESILIENICE UPGRADES  
CRA UPS REPLACEMENT  
CRA- VIBRATION DETECTION EQUIPMENT  
CRA VILLAGES DOMESTIC WATER MAIN DISTRIBUTION REPLACEMENT STUDY  
CRA WATER DISTRIBUTION SYSTEM & VILLAGE ASPHALT REPLACEMENT - GENE & IRON MOUNTAIN  
CRA WATER DISTRIBUTION SYSTEM & WASTEWATER SYSTEM REPLACEMENT - GENE & IRON MTN CONSTRUCTION  
CRA WATER DISTRIBUTION SYSTEM REPLACEMENT AND CRA ROADWAY ASPHALT REPLACEMENT - ALL PP  
CRA WHIPPLE MOUNTAIN TUNNEL  
CRA WHIPPLE MOUNTAIN TUNNEL FLOW METERING EQUIPMENT UPGRADES  
CRA, CABAZON AND POTRERO SHAFT COVERS  
CRA, INSTALL WATER LEVEL ALARM SYSTEM AT CACTUS CITY (MILE 147)  
CRA, INSTALL WATER LEVEL ALARM SYSTEM AT FAN HILL (MILE 168)  
CRA, MILE 12 SIPHONS, INSTALL ACCOUSTIC FLOWMETERS  
CRA-ALL PUMP PLANTS -INSTALL ACOUSTIC METER  
CRA-ALL PUMP PLANTS- REPLACE C02 CYLINDERS  
CRA-ALL PUMP PLANTS-MODIFY OVERHEAD BRIDGE CRANES  
CRA-ALL PUMP PLANTS-REHAB PERF TEST  
CRA-ALL PUMP PLANTS-REPLACE IMPELLERS  
CRA-ALL PUMP PLANTS-VIBRATION MONITOR EQUIPMENT  
CRA-ALL PUMPING PLANTS - REPLACE MOTOR TEMP INSTRUMENTS  
CRA-ALL PUMPING PLANTS REHAB MAIN PUMP UNIT STUDY  
CRA-EAGLE AND HINDS PLANT-WORTH SHFT CONN. (1/2 EACH)  
CRA-EAGLE MNTN. OR HINDS PUMPING PLANTS -MODIF.PUMP IMPELLER ATTO  
CRA-EAGLE MTN. AND HINDS PUMPING PLANTS-MODIF. 2 IMPELLER ATTACHMT. (1/2/ EACH)  
CRA-GARAGES- PUMPING PLANT VILLAGES  
CRA-GENE-M.UNIT GARAGE BLDG,IRON & EAGLE MTN.-RPL.CBL TNL VENT SYS.  
CRA-HEAT EXCHANGER GENE PLANT TRANSFORMER 8K NO.2  
CRA-IRON MTN PUMP PLANT-MODIFY ACOUSTIC FLOWMETER  
CRA-ORIG CONST-LIQ DAMAGES  
CRA-ORIG CONSTRUCTION-CASH DISCOUNTS BOND FUND  
CRA-ORIG CONSTRUCTION-DISPOSAL OF PERMANENT WORKS  
CRA-ORIG CONSTRUCTION-SALES TAX ADJUSTMENT  
CRA-ORIG CONST-SALVAGE SALES  
CRA-ORIG CONST-UNAPPLIED INSURANCE RESERVE  
CUF DECHLORINATION SYSTEM  
CUT-AND-COVER CONDUIT SCHEDULE 17;17A  
CUT-AND-COVER CONDUIT, SCHEDULE 16  
DAM SLUICWAYS AND OUTLETS REHABILITATION  
DANBY DRY LAKE- BRINE WELL  
DANBY TOWER FOOTER REPLACEMENT  
DANBY TOWERS FOUNDATION REHABILITATION  
DESALINATION RESEARCH AND PARTNERSHIP  
DESERT AIRFIELDS IMPROVEMENT  
DESERT BRANCH - REPLACE STOLEN COPPER GROUND WIRE FOOTINGS/GROUNDING & COPPER PI  
DESERT BRANCH, PURCHASE AND INSTALL FIVE PORT VIDEO CONFERENCING BRIDGE  
DESERT CENTER EARP ROAD  
DESERT FACILITIES - FIRE PROTECTION UPGRADE  
DESERT FACILITIES FIRE PROTECTION SYSTEMS UPGRADE  
DESERT FACILITIES, FIRE PROTECTION UPGRADE  
DESERT LAND ACQUISITIONS  
DESERT PUMP PLANT OIL CONTAINMENT  
DESERT ROADWAY IMPROVEMENT  
DESERT SEPTIC SYSTEM  
DESERT SEWER SYSTEM REHABILITATION  
DESERT WATER TANK ACCESS - FIRE WATER, CIRCULATING WATER, DOMESTIC WATER- STUDY  
DESERT WATER TANK ACCESS AND SAFETY IMPROVEMENT  
DESILT WASH ROAD NEAR GENE PUMPING PLANT  
DIEMER INFRA-RED INSPECTION WINDOWS



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

DISCHARGE LINE COUPLING INSTALLATION  
DISCHARGE LINE ISOLATION BULKHEAD COUPLINGS  
DISTRIBUTION SYSTEM FACILITIES - REHABILITATION PROGRAM  
DISTRIBUTION SYSTEM FACILITIES REHABILITATION PROGRAM - MAINTENANCE & STORAGE SHOP (PC-1)  
DISTRIBUTION SYSTEM RELIABILITY PROGRAM - PHASE 2  
DOMESTIC IMPROVEMENTS AT EAGLE MOUNTAIN AND CAMINO CAMP  
DVL INLET / OUTLET TOWER FISH SCREENS REPLACEMENT  
DVL TO SKINNER TRANSMISSION LINE STUDY  
DVL, EASTSIDE PIPELINE, SECONDARY INLET  
E. THORNTON IBBETSON GUEST DORMITORY AT GENE CAMP  
E. THORNTON IBBETSON GUEST QUARTERS  
EAGLE AND HINDS EQUIPMENT WASH AREA UPGRADE  
EAGLE AND HINDS PLANT-MODIFY TWO MAIN IMPELLER ATTACHMENTS (1/2 EACH)  
EAGLE AND HINDS PUMPING PLANTS-REPL. VIBRATOR MONITORING SYSTEM  
EAGLE KITCHEN UPGRADE  
EAGLE LIFT & EAGLE WEST SIPHONS SEISMIC IMPROVEMENTS  
EAGLE MOUNTAIN 230 KV LOCAL BREAKER FAILURE BACKUP  
EAGLE MOUNTAIN 230 KV PHYSICAL AND CYBER SECURITY UPGRADES  
EAGLE MOUNTAIN 230KV LOCAL BREAKER FAILURE BACKUP  
EAGLE MOUNTAIN 230KV PHYSICAL AND CYBER SECURITY UPGRADE  
EAGLE MOUNTAIN CAMP FACILITIES-ADDITIONS  
EAGLE MOUNTAIN CAMP FACILITIES-PERMANENT QTRS  
EAGLE MOUNTAIN CRA EMPLOYEE HOUSING, MANUFACTURED HOMES  
EAGLE MOUNTAIN CRA HOUSING, FENCING IMPROVEMENTS  
EAGLE MOUNTAIN INTAKE CANAL  
EAGLE MOUNTAIN INTAKE SIPHON SPILLWAY  
EAGLE MOUNTAIN INTAKE SIPHONS  
EAGLE MOUNTAIN PUMPING PLANT BUILDING & CONTROL HOUSE  
EAGLE MOUNTAIN PUMPING PLANT DELIVERY PIPES  
EAGLE MOUNTAIN PUMPING PLANT- ENCLOSURE FENCE  
EAGLE MOUNTAIN PUMPING PLANT MISCELLANEOUS FEATURES  
EAGLE MOUNTAIN PUMPING PLANT SCADA SYSTEM  
EAGLE MOUNTAIN PUMPING PLANT STANDBY DIESEL ENGINE GENERATOR  
EAGLE MOUNTAIN PUMPING PLANT VILLAGE-POTABLE WATER LINE REPLACEMENT PROJECT  
EAGLE MOUNTAIN PUMPING PLANT: COTTAGE WITH DOUBLE GARAGE  
EAGLE MOUNTAIN RESERVOIR  
EAGLE MOUNTAIN RESERVOIR SLIDEGATE 2 REFURBISHMENT  
EAGLE MOUNTAIN ROAD  
EAGLE MOUNTAIN ROADWAYS  
EAGLE MOUNTAIN SAND TRAPS STUDY  
EAGLE MOUNTAIN SANDTRAP  
EAGLE MOUNTAIN SIPHONS SEISMIC VULNERABILITY STUDY  
EAGLE MOUNTAIN VILLAGE- RMODEL DORMITORY  
EAGLE MOUNTAIN VILLAGE-ENLARGE SEWER DISPOSAL SYSTEM  
EAGLE MTN AND HINDS PUMPING PLANTS- REPLACE CONTROL ROOM LIGHTING  
EAGLE MTN SAND TRAPS STUDY  
EAGLE MTN. REC/ MESS HALL MODIFICATIONS - AMERICANS W/ DISABILITIES  
EAGLE MTN. & IRON MTN. - SHOPS AND HOUSES (1/2 EACH)  
EAGLE MTN & HINDS PUMPING PLANTS-SERV. PLATFORMS & ACCESS LADDER  
EAGLE MTN/HINDS PUMP PLT - REPLACE VIBRATING MONITORING SYSTEM  
EAGLE MTN-REPLACE ASPHALT PAVEMENT  
EAGLE PP UTILITIES AND PAVING  
EAGLE ROCK ASPHALT REPAIR PROJECT  
EAGLE ROCK MAIN ROOF REPLACEMENT  
EAGLE/HINDS PUMPING PLANTS- REHAB. 2 MAIN TRANSFORMERS  
EAST BRANCH AQUEDUCT STUDIES  
EAST COXCOMB MOUNTAIN WATER LINES  
EAST EAGLE MOUNTAIN TUNNEL  
ELECTRICAL SYSTEM - CAMINO SWITCHING STATION  
ELEVEN HOUSES & GARAGES: 6 - IRON MOUNTAIN ,2-HAYFIELD, 1- WIDE CYN.  
ELEVEN HOUSES & GARAGES: 6-IRON MOUNTAIN ,2- EAGLE,2-HAYFIELD, 1- WIDE CYN.  
ENHANCED VAPOR RECOVERY UPGRADES FOR GASOLINE DISPENSERS  
ENVIRONMENTAL MITIGATION  
ETIWANDA PIPELINE LINER REPAIR  
ETIWANDA RESERVOIR LINER REPAIR  
EVALUATION OF PRECIPITATIVE FOULING OF COLORADO RIVER WATER  
EXPLORATORY WORK, GENE AND COPPER BASIN DAMS  
FACILITIES - IRON MOUNTAIN  
FAN HILL EXPERIMENTAL  
FAN HILL EXPERIMENTAL SIPHON & TRANSITIONS  
FEMA PROJECT 701209  
FEMA PROJECT 701237  
FEMA PROJECT 701249  
FEMA PROJECT 701315  
FEMA PROJECT 701339  
FEMA PROJECT 701352  
FENCING & EAGLE MOUNTAIN ROAD RELOCATION  
FLOWMETER INDICATOR, WATER  
FOOTHILL FEEDER ARROYO SECO WATER TREATMENT PLANT  
FUTURE SYSTEM RELIABILITY PROJECTS  
GARAGES - GENE & HINDS PUMP PLANTS - CRA  
GARAGES- PARKER DAM, COPPER BASIN AND EAGLE MOUNTAIN  
GARVEY RESERVOIR - AUTOMATED DATA ACQUISITION SYSTEM  
GARVEY RESEVOIR AUTOMATED DATA ACQUISITION SYSTEM REPLACEMENT  
GATES, FOUR SAN JACINTO TUNNEL - CRA (ORG CONST)  
GENE MESS HALL MODIFICATIONS - AMERICANS W/ DISABILITIES  
GENE & INTAKE P.P. - FREQUENCY PROTECTION RELAY REPLACEMENT  
GENE & INTAKE PUMPING PLANT OUTLET STRUCTURE GATE RE-COATING (10003)  
GENE & INTAKE PUMPING PLANT SURGE CHAMBER OUTLET GATES RE-COATING  
GENE & INTAKE PUMPING PLANTS - REPLACE UNDER FREQUENCY PROTECTION RELAY  
GENE & IRON  
GENE & IRON UTILITIES AND PAVING  
GENE AIR CONDITION

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

GENE AIR CONDITIONING SYSTEM, REPLACE  
 GENE CAMP- DISMANTLE TWO APARTMENTS AND BUILD TWO HOUSES  
 GENE CAMP FACILITIES - THREE COTTAGES AND GARAGES (CONT 579, SPEC 431)  
 GENE CAMP FACILITIES-ADDITIONS  
 GENE CAMP FACILITIES-BOOSTER REFRIGERATION FOR COTTAGES  
 GENE CAMP FACILITIES-PERMANENT  
 GENE CAMP LUNCH ROOM AND ADDITION TO GUEST HOUSE  
 GENE CAMP MESS HALL, REPLACE A/C UNIT  
 GENE CAMP MESS HALL, REPLACE AIR CONDITIONING UNIT  
 GENE CAMP- REPLACE, REMODEL AND ENLARGE TEN HOUSES  
 GENE CAMP STATION SERVICE TRANSFORMER REPLACEMENT  
 GENE CAMP WALK-IN FREEZER REPLACEMENT  
 GENE CAMP, DEMOLISHED MEDICAL BLDG UNITS 85G & 86G  
 GENE COMMUNICATION SYSTEM UPGRADE  
 GENE GUEST LODGE MODIFICATIONS - AMERICANS W/ DISABILITIES  
 GENE HEADQUARTERS: FIVE HOUSES WITH GARAGES  
 GENE HEADQUARTERS: FOUR COTTAGES WITH GARAGES  
 GENE INLET SURGE CHAMBER ACCESS IMPROVEMENTS  
 GENE PLANT- CLOSED CIRCUIT TV SYSTEM  
 GENE PLANT- REPLACE STATION SERVICE RACK  
 GENE PLANT- REPLACE TEMPERATURE INSTRUMENTS  
 GENE POOL REFURBISHMENT  
 GENE PUMPING PLAN- SPECIAL MECHANICAL MAINTENANCE SHOP ADDITION  
 GENE PUMPING PLANT - AIR STRIP EXTENSION PROJECT  
 GENE PUMPING PLANT - HEAVY EQUIPMENT SERVICE PIT  
 GENE PUMPING PLANT - PEDDLER SUBSTATION REPLACEMENT  
 GENE PUMPING PLANT - SCADA SYSTEM  
 GENE PUMPING PLANT- CONSTRUCT HEADGATE STAIRWAY  
 GENE PUMPING PLANT- CONSTRUCT ROAD TO HEAD GATE HOUSE  
 GENE PUMPING PLANT DELIVERY PIPES & INLET  
 GENE PUMPING PLANT EXPANSION JOINT  
 GENE PUMPING PLANT EXPANSION JOINT REHABILITATION  
 GENE PUMPING PLANT MAIN TRANSFORMER AREA  
 GENE PUMPING PLANT MISCELLANEOUS FEATURES  
 GENE PUMPING PLANT- PREFABRICATED AIRCRAFT HANGER  
 GENE PUMPING PLANT PUMP BUILDING & CONTROL HOUSE  
 GENE PUMPING PLANT PUMPING EQUIPMENT  
 GENE PUMPING PLANT- REHAB. BANK NO.1 PHASE C,MAIN TRANSFORMER  
 GENE PUMPING PLANT- REPLACE CONTROL ROOM LIGHTING  
 GENE PUMPING PLANT REPLACE POWER CABLE AT HEAD GATE  
 GENE PUMPING PLANT- REPLACE POWER CABLE AT HEAD GATE  
 GENE PUMPING PLANT STANDBY GENERATOR REPLACEMENT  
 GENE PUMPING PLANT, CONSTRUCT SPARE PARTS WAREHOUSE  
 GENE PUMPING PLANT, REPL CIRCUIT BREAKER FOR TRANSFORMER BANK #1  
 GENE PUMPING PLANT-HEADQUARTERS OFFICE BUILDING, MODIFY & EXPAN.  
 GENE PUMPING PLANT-REPL 230 KV CIRCUIT BRKR. FOR TRSFMR BANK #1  
 GENE REC HALL MODIFICATIONS - AMERICANS W/ DISABILITIES  
 GENE RESERVOIR DAM-REPAIR 42  
 GENE STORAGE BUILDING REPLACEMENT  
 GENE STORAGE WAREHOUSE REPLACEMENT  
 GENE TRANSFORMER PROTECTION  
 GENE TRASH RACK  
 GENE UNDERFREQUENCY RELAY UPGRADE  
 GENE VILLAGE- REMODEL HOUSE # 46 G  
 GENE VILLAGE -REMODEL WESTERN PORTION OF DORMITORY  
 GENE VILLAGE- WATER PIPELINE FOR FIRE PREVENTION  
 GENE VILLAGE: ADDITION TO GUEST LODGE  
 GENE VILLAGE: ADDITIONAL COTTAGES- MOVING AND REMODELING  
 GENE VILLAGE: RECREATIONAL HALL  
 GENE VILLAGE: SERVICE FACILITIES  
 GENE VILLAGE: SWIMMING AND WADING POOLS  
 GENE VILLAGE: TWO CARPORTS  
 GENE VILLAGE: WAREHOUSE  
 GENE WASH DAM AND APPURTENENT WORKS  
 GENE WASH RESERVOIRS DISCHARGE VALVE REHABILITATION  
 GENE WASH ROAD  
 GENE- WHITSETT WATER LINES  
 GENE, IRON & EAGLE MTN. VILLAGES- MOBILE HOMES (1/3 EACH)  
 GENERATOR, STANDBY ENGINE - GENE PUMP PLT CRA  
 GENERATOR,STANDBY- INTAKE PUMP PLANT-CRA  
 GENERATORS, STANDBY ENGINE - EAGLE & HINDS PUMP PLT (1/2 EACH)  
 GROUTING CALIFORNIA ABUTMENT  
 GUEST LODGE - GENE - CRA  
 HALF CAP CIRC. SIPHONS SCHEDULE 18A  
 HALF CAP CIRC. SIPHONS SCHEDULE 18J  
 HALF CAP CIRC. SIPHONS SCHEDULE 19A  
 HAYFIELD PUMPING PLANT: SWIMMING POOL  
 HAYFIELD ROAD  
 HAYFIELD TUNNEL NO. 1  
 HAYFIELD TUNNEL NO. 2  
 HAYFIELD VILLAGE: REBUILDING GARAGE, WORKSHOP & OIL HOUSE  
 HEADGATE OPERATORS & CIRCUIT BREAKERS REHAB.  
 HEADQUARTERS ELECTRICAL VEHICLE CHARGING STATION EXPANSION  
 HIGHLAND PIPELINE CLAIM  
 HIGHLAND PIPELINE CONSTRUCTION  
 HINDS CAMP FACILITIES-ADDITIONS  
 HINDS CAMP FACILITIES-PERMANENT QTRS  
 HINDS EAGLE & IRON MOUNTAINS STORAGE BUILDINGS  
 HINDS INTAKE CANAL  
 HINDS INTAKE SIPHON  
 HINDS PARKER DAM TELEPHONE LINE  
 HINDS PP UTILITIES AND PAVING  
 HINDS PUMP UNIT NO. 8 REFURBISHMENT

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

HINDS PUMPING PLANT BUILDING & CONTROL HOUSE  
HINDS PUMPING PLANT DELIVERY PIPE EXPANSION JOINT PHASE 2  
HINDS PUMPING PLANT DELIVERY PIPES  
HINDS PUMPING PLANT DISCHARGE VALVE PIT PLATFORM REPLACEMENT  
HINDS PUMPING PLANT DISCHARGE VALVE PLATFORM REPLACEMENT  
HINDS PUMPING PLANT EQUIPMENT WASH AREA UPGRADES  
HINDS PUMPING PLANT MISCELLANEOUS FEATURES  
HINDS PUMPING PLANT PUMPING EQUIPMENT  
HINDS PUMPING PLANT- REHAB. BANK #1, PHASE B, MAIN TRANSFORMER  
HINDS PUMPING PLANT- REPLACE 230KV CIRCUIT BREAKER  
HINDS PUMPING PLANT SCADA SYSTEM  
HINDS PUMPING PLANT STANDBY GENERATOR REPLACEMENT  
HINDS PUMPING PLANT SUMP REPAIRS  
HINDS PUMPING PLANT, EQUIPMENT WASH AREA UPGRADE  
HINDS PUMPING PLANT-REPLACE 2300 VOLT PARKWAY POWER CABLE  
HINDS PUMPING PLT - REPLACE CIRCUIT BREAKER BANK # 2, MAIN TRANSFER  
HINDS ROADWAYS  
HINDS SAND TRAP  
HINDS TRANSFORMER BANK PROTECTION RELAY REPLACEMENT  
HINDS TRANSFORMER POWER CABLE REPLACEMENT  
HINDS VILLAGE PAVING REPLACEMENT PROJECT  
HINDS VILLAGE- REMODEL HOUSE #130H  
HINDS VILLAGE- REMODEL HOUSE #149H  
HINDS VILLAGE- SATELLITE TV ANTENNA SYSTEM  
HINDS VILLAGE-PAVEMENT REPLACEMENT  
HINDS WASTEWAY  
HOLLYWOOD TUNNEL: REMODLG.CONTROL VALVE STRUCTURE AT N.PORTAL  
HOOVER DAM PUMP PLANT TELEPHONE LINE  
HOUSE AND GARAGE AT SAN JACINTO RESERVOIR  
HOUSING - GENE VILLAGE  
HYDROGRAPHIC EQUIPMENT  
IM,EM,HP- REPLACE 2300 V STA.SERV.POWER CIRCUIT BREAKERS  
INLAND FDR, ARROWHEAD TUNNELS REDESIGN  
INLAND FDR, ARROWHEAD WEST TUNNEL CONSTRUCTION  
INLAND FDR, CONTRACT 9, CONSTRUCTION OF RIVERSIDE PPLN SOUTH  
INLAND FDR, OWNER CONTROLLED INSURANCE PROGRAM  
INLAND FDR, REACH 4, RUSD PPLN  
INLAND FDR-CNTR #1/DEVIL CYN-WATERMAN RD  
INLAND FDR-CNTR #4-SOFT GRND TNL/SANTA ANA  
INLAND FDR-CONT #8-PIPEL PARALLEL TO DAVIS RD  
INLAND FDR-ENVIRON. MITIG.  
INLAND FEEDER - RIGHT OF WAY AND EASEMENT PROCUREMENT  
INLAND FEEDER AND LAKEVIEW PIPELING INTERTIE  
INLAND FEEDER AULD VALLEY PRESSURE CONTROL STRUCTURE  
INLAND FEEDER CONTINGENCY  
INLAND FEEDER CONTRACT 1, DEVIL CANYON / WATERMAN RD  
INLAND FEEDER COST OF LAND AND RIGHT OF WAY  
INLAND FEEDER ENVIRONMENTAL MITIGATION  
INLAND FEEDER GROUNDWATER MONITORING  
INLAND FEEDER HIGHLAND PIPELINE CLAIMS COST  
INLAND FEEDER HIGHLAND PIPELINE CONSTRUCTION  
INLAND FEEDER HIGHLAND PIPELINE DESIGN  
INLAND FEEDER MENTONE PIPELINE CONSTRUCTION  
INLAND FEEDER MENTONE PIPELINE DESIGN  
INLAND FEEDER MENTONE PIPELINE RUSD CONSTRUCTION  
INLAND FEEDER OWNER CONTROLLED INSURANCE PROGRAM  
INLAND FEEDER PRESSURE CONTROL STRUCTURE  
INLAND FEEDER PROGRAM REMAINING BUDGET/CONTINGENCY  
INLAND FEEDER PROJECT MANAGEMENT SUPPORT  
INLAND FEEDER PURCHASE OF LAND AND RIGHT OF WAY  
INLAND FEEDER RAISE BURIED STRUCTURES AND REALIGN DAVIS RD.  
INLAND FEEDER REVERSE OSMOSIS PLANT  
INLAND FEEDER RIVERSIDE BADLANDS TUNNEL CONSTRUCTION  
INLAND FEEDER RIVERSIDE NORTH PIPELINE DESIGN  
INLAND FEEDER RUSD CLAIMS DEFENSE  
INLAND FEEDER STUDIES  
INLAND FEEDER STUDY  
INLAND FEEDER UNDERGROUND STORAGE TANK REMOVAL & ABOVEGROUND STORAGE TANK INSTALLATION  
INLAND FEEDER, ARROWHEAD EAST TUNNEL  
INLAND FEEDER, ARROWHEAD TUNNELS CONSTRUCTION  
INLAND FEEDER, ARROWHEAD TUNNELS REDESIGN  
INLAND FEEDER, ARROWHEAD WEST TUNNEL  
INLAND FEEDER, CONTRACT #5, OPAL AVENUE PORTAL / BADLANDS TUNNEL  
INLAND FEEDER, CONTRACT #7, RIVERSIDE NORTH PIPELINE CONSTRUCTION  
INLAND FEEDER, CONTRACT 2, EAST SAN BERNARDINO TUNNEL / PORTALS  
INLAND FEEDER, CONTRACT 4, SOFT GROUND TUNNEL / SANTA ANA  
INLAND FEEDER, CONTRACT 5, OPAL AVENUE PORTAL / BADLANDS TUNNEL  
INLAND FEEDER, CONTRACT 6, GILMAN SPRINGS PORTAL / BADLAND TUNNEL  
INLAND FEEDER, CONTRACT 7, RIVERSIDE NORTH PIPELINE CONSTRUCTION  
INLAND FEEDER, CONTRACT 8, PIPELINE PARALLEL TO DAVIS ROAD  
INLAND FEEDER, CONTRACT 9, CONSTRUCTION OF RIVERSIDE PIPELINE SOUTH  
INLAND FEEDER, COST OF LAND AND RIGHT OF WAY  
INLAND FEEDER, ENVIRONMENTAL MITIGATION  
INLAND FEEDER, HIGHLAND PIPELINE DESIGN  
INLAND FEEDER, MENTONE PIPELINE  
INLAND FEEDER, OWNER CONTROLLED INSURANCE PROGRAM  
INLAND FEEDER, PROGRAM MANAGEMENT  
INLAND FEEDER, REACH 4, RUSD PIPELINE  
INLAND FEEDER, RIGHT OF WAY AND EASEMENT PROCUREMENT  
INLAND FEEDER, RIVERSIDE NORTH AND SOUTH PIPELINES, CATHODIC PROTECTION  
INLAND FEEDER, THORNE WELL FIELD REVERSE OSMOSIS INSTALLATION  
INLAND FEEDER/SBMWD HIGHLAND INTERTIE BYPASS LINE REHAB  
INSTRUMENTS & PANELS - INTAKE, IRON, EAGLE & HINDS - (1/4 EACH)

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

INTAKE & GENE PUMPING PLANTS-REPLC. MOTOR AIR COOLER WATER BOXES  
 INTAKE AND GENE PUMPING PLANTS 480 V AND 2400 V STANDBY DIESEL ENGINE GENERATOR REPLACEMENT  
 INTAKE POWER AND COMMUNICATION LINE RELOCATION  
 INTAKE POWER AND COMMUNICATIONS LINE RELOCATION  
 INTAKE PPLANT - POWER & COMMUNICATION LINE REPLACEMENT  
 INTAKE PUMP PLANT ROAD IMPROVEMENTS  
 INTAKE PUMP PLANT, 69KV SWITCHYARD  
 INTAKE PUMPING PLANT - COOLING AND REJECT WATER DISCHARGE TO LAKE HAVASU  
 INTAKE PUMPING PLANT 2.4KV PWER LINE RELOCATION  
 INTAKE PUMPING PLANT AUTOMATION PROGRAMMING  
 INTAKE PUMPING PLANT INSTRUMENTATION REPLACEMENT  
 INTAKE PUMPING PLANT INSTRUMENTATION REPLACEMENT & AUTOMATION  
 INTAKE PUMPING PLANT INSTRUMENTATION REPLACEMENT & AUTOMATION (4 PLANTS)  
 INTAKE PUMPING PLANT INSTRUMENTATION REPLACEMENT AND AUTOMATION  
 INTAKE PUMPING PLANT POWER & COMMUNICATION LINE REPLACEMENT  
 INTAKE PUMPING PLANT REPLACE STA SERV RACK CIRCUIT BREAKERS  
 INTAKE PUMPING PLANT SCADA SYSTEM  
 INTAKE PUMPING PLANT STANDBY GENERATOR REPLACEMENT  
 INTAKE PUMPING PLANT TRANSFORMER SECURITY SCREEN  
 INTAKE PUMPING PLANT: TWO HOUSES WITH GARAGES  
 INTAKE PUMPING PLANT-REPLACE STANDBY GENERATOR  
 INTAKE UTILITIES AND PAVING  
 INTAKE,GENE,& IRON MTN. - REPL VIBRATING MONITORING SYSTEM  
 IOC - ALL PUM P PLANTS, BRIDGE CRANE AND SEISMIC RESTRAINTS  
 IOC - ALL PUMP PLTS, MODIFY STATIONARY POWER SUPPLY SYSTEM  
 IOC - ALL PUMPING PLANTS, HYPOCHLORINATION SYSTEM  
 IOC - ALL PUMPING PLANTS, REPLACE DOMESTIC WATER TREATMENT SYSTEMS  
 IOC - CRA , ALL PUMP PLTS, REPL.THERMOMETERS/RECORDERS IN CONTROL ROOM  
 IOC - CRA PUMP PLANTS, ONLINE INSTR FOR MICROFILT UNIT  
 IOC - CRA WATER DESALINATION  
 IOC - CRA, ALL PUMP PLANTS, REHAB PERF TEST  
 IOC - CRA, INSTALL WATER LEVEL ALARM SYSTEM AT CACTUS CITY (MILE 147)  
 IOC - CRA, INSTALL WATER LEVEL ALARM SYSTEM AT FAN HILL (MILE 168)  
 IOC - CRA, MILE 12 SIPHONS, INSTALL ACCOUSTIC FLOWMETERS  
 IOC - CRA, REPLACE FLOWMETER INSTRUMENTS, 5 PUMPING PLANTS  
 IOC - CRA, WATER STORAGE IN DESERT GROUNDWATER BASIN, STUDY  
 IOC - DESERT FACILITIES, FIRE PROTECTION UPGRADE  
 IOC - EAGLE AND HINDS PUMPING PLANTS, REPL VIBRATON MONITORING SYSTEM  
 IOC - EAGLE MTN & HINDS PUMPING PLTS, SERVICE PLATFORMS & ACCESS LADDER  
 IOC - EAGLE MTN VILLAGE ASPHALT REMOVAL, REGRADE, AND REPLACE  
 IOC - EAGLE/HINDS PUMPING PLANTS, REHAB 2 MAIN TRANSFORMERS  
 IOC - GENE PUMPING PLANT, CONSTRUCT HEADGATE STAIRWAY  
 IOC - GENE PUMPING PLANT, CONSTRUCT ROAD TO HEAD GATE HOUSE  
 IOC - GENE PUMPING PLANT, CONSTRUCT SPARE PARTS WAREHOUSE  
 IOC - GENE PUMPING PLANT, MODIFY AND EXPAND OFICE BUILDING  
 IOC - GENE PUMPING PLANT, PREFABRICATED AIRCRAFT HANGAR  
 IOC - GENE PUMPING PLANT, REPL 230 KV CIRCUIT BREAKER ON TRANSFORMER BANK 1  
 IOC - GENE PUMPING PLANT, REPLACE POWER CABLE AT HEAD GATE  
 IOC - GENE PUMPING PLANT, SPECIAL MECHANICAL MAINTENANCE SHOP ADDITION  
 IOC - GENE VILLAGE, REMODEL HOUSE 46G  
 IOC - GENE, IRON & EAGLE PUMP PLTS, INSTALL FLOW METERS  
 IOC - HINDS PUMPING PLANT, REHAB BANK 1, PHASE B, MAIN TRANSFORMER  
 IOC - HINDS PUMPING PLANT, REPLACE 230KV CIRCUIT BREAKER  
 IOC - HINDS VILLAGE ASPHALT REMOVAL, REGRADE, AND REPLACE  
 IOC - HINDS VILLAGE, REMODEL HOUSE 130H  
 IOC - HINDS VILLAGE, REMODEL HOUSE 149H  
 IOC - HINDS VILLAGE, SATELLITE TV ANTENNA SYSTEM  
 IOC - INLAND FEEDER  
 IOC - INTAKE PUMP PLANT, 69KV SWITCHYARD  
 IOC - IRON MOUNTAIN VILLAGE, REMODEL DORMITORY  
 IOC - IRON MOUNTAIN VILLAGE, SATELLITE TV ANTENNA SYSTEM  
 IOC - IRON MTN, EAGLE MTN, HINDS, REPLACE 2300V STA SERV POWER CIRCUIT BREAKERS  
 IOC - IRON MTN, WAREHOUSE BLDG, MEZZ CONSTRUCTION  
 IOC - IRON, EAGLE, GENE, HINDS, HEAT EXCHANGER ON TRANSFORMERS  
 IOC - LAKE PERRIS AREA STUDY  
 IOC - LAKE PERRIS PUMPBAC FACILITY, EXPANSION 2  
 IOC - SAN JACINTO TUNNEL, WEST PORTAL SEISMIC MODS  
 IOC - SEISMIC MODS, ALL PUMP PLTS  
 IRON AND EAGLE PUMP PLANT RESERVOIR SPILLWAY AUTO REJECTION  
 IRON MOUNTAIN & EAGLE MOUNTAIN 230KV TRANSMISSION LINE PILOT RELAY  
 IRON MOUNTAIN 2400 V STANDBY DIESEL ENGINE GENERATOR REPLACEMENT  
 IRON MOUNTAIN AUXILIARY POWER SYSTEM REHABILITATION  
 IRON MOUNTAIN CAMP FACILITIES- TWO COTTAGES (CONT 579, SPEC 431)  
 IRON MOUNTAIN CAMP FACILITIES-ADDITIONS  
 IRON MOUNTAIN CAMP FACILITIES-OIL STORAGE HOUSE  
 IRON MOUNTAIN CAMP FACILITIES-PERMANENT QTRS  
 IRON MOUNTAIN COLORADO RIVER WATER LINE  
 IRON MOUNTAIN GENERATOR REPLACEMENT  
 IRON MOUNTAIN HAZARDOUS WASTE CONTAINMENT  
 IRON MOUNTAIN INTAKE CANAL  
 IRON MOUNTAIN INTAKE SIPHONS  
 IRON MOUNTAIN O&M EQUIPMENT PARKING CANOPY  
 IRON MOUNTAIN PLANT- REPLACEMENT OF STAND-BY GENERATOR  
 IRON MOUNTAIN PUMPING PLANT  
 IRON MOUNTAIN PUMPING PLANT BUILDING & CONTROL HOUSE  
 IRON MOUNTAIN PUMPING PLANT DELIVERY LINE NO. 1 RELINING  
 IRON MOUNTAIN PUMPING PLANT DELIVERY PIPES  
 IRON MOUNTAIN PUMPING PLANT HOUSING REPLACEMENT  
 IRON MOUNTAIN PUMPING PLANT MISCELLANEOUS FEATURES  
 IRON MOUNTAIN PUMPING PLANT PUMPING EQUIPMENT  
 IRON MOUNTAIN PUMPING PLANT- RELOCATE T.V. ANTENNA  
 IRON MOUNTAIN PUMPING PLANT- RETUBE MOTOR AIR COOLERS- UNITA 4 & 5  
 IRON MOUNTAIN PUMPING PLANT- RPLC.TUBES IN MOTOR AIR COOLERS 1,2 & 3

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

IRON MOUNTAIN PUMPING PLANT SCADA SYSTEM  
 IRON MOUNTAIN PUMPING PLANT, DELIVERY PIPE EXPANSION JOINT REPAIRS  
 IRON MOUNTAIN PUMPING PLANT: FAMILY RESIDENCE & GUEST QUARTERS  
 IRON MOUNTAIN- REPLACE DAMAGED FACILITITES  
 IRON MOUNTAIN RESERVOIR  
 IRON MOUNTAIN ROAD  
 IRON MOUNTAIN SAND TRAP  
 IRON MOUNTAIN SERVICE PIT REHABILITATION  
 IRON MOUNTAIN SERVICE PLT REHABILITATION  
 IRON MOUNTAIN TRANSFORMER BANK PROTECTION RELAY REPLACEMENT  
 IRON MOUNTAIN TUNNEL, EAST PORTION  
 IRON MOUNTAIN TUNNEL, WEST PORTION  
 IRON MOUNTAIN VILLAGE -REMODEL DORMITORY  
 IRON MOUNTAIN VILLAGE- REPLACE SEWAGE DISPOSAL  
 IRON MOUNTAIN VILLAGE- SATELLITE TV ANTENNA SYSTEM  
 IRON MOUNTAIN WASTEWAY  
 IRON MOUNTAIN, TRANSFORMER OIL TANK RELOCATION  
 IRON MOUNTAN & EAGLE MOUNTAIN 230KV TRANSMISSION LINE PILOT RELAY  
 IRON MT. AUXILARY POWER SYSTEM REHABILITATION AND UPGRADE  
 IRON MTN - WAREHOUSE BLDG, MEZZ CONSTRUCTION  
 IRON MTN. VILLAGE - REMODEL DORMITORY  
 IRON/EAGLE/GENE/HINDS- HEAT EXCHANGER ON TRANSFORMERS  
 IRON/EAGLE/GENE/HINDS- HEAT EXCHANGER ON TRANSFORMERS (1/4 EACH)  
 IRON/EAGLE/HINDS DELIVERY LINE SUPPORT REPAIRS  
 IRON/HINDS - REPLACE PHONE SYSTEM  
 IRON-EAGLE MTN. 230 KV TRANSMISSION LINE PILOT RELAY  
 JULIAN HIND PUMP PLT - DEMOLISH HOUSE 36H & 37H  
 JULIAN HINDS PUMPING PLANT DELIVERY PIPE EXPANSION JOINT PHASE 2 REPAIRS  
 JULIAN HINDS PUMPING PLANT DELIVERY PIPE EXPANSION JOINT PHASE I REPAIR  
 JULIAN HINDS PUMPING PLANT DELIVERY PIPE EXPANSION JOINT PHASE REPAIR  
 LAKE MATHEWS FOREBAY & HEADWORK FACILITY & EQUIPMENT  
 LAKE MATHEWS ICS  
 LAKE MATHEWS INLET CHANNEL (SCH 23A; SPEC 82)  
 LAKE MATHEWS INTERIM CHLORINATION SYSTEM  
 LAKE MATHEWS LA VERNE TELEPHONE LINE  
 LAKE PERRIS AREA STUDY  
 LAKE PERRIS BYPASS PIPELINE EXPLORATORY EXCAVATION  
 LAKE SKINNER - OUTLET CONDUIT FLOWMETER INSTALLATION  
 LAKE SKINNER BYPASS PIPELINE NO. 2 CATHODIC PROTECTION  
 LAKE SKINNER OUTLET CONDUIT  
 LAKEVIEW BEAUMONT TELEPHONE LINE  
 LAKEVIEW PIPELINE LEAK REPAIR AT STA. 2510+49  
 LAKEVIEW PIPELINE REPAIRS PHASE 1 - BERNASCONI TUNNEL LINING  
 LAVERNE FACILITIES - EMERGENCY GENERATOR  
 LAVERNE FACILITIES - MATERIAL TESTING  
 LAWRENCE ADIT POWER LINE  
 LIGHTING, CONTROL ROOM - EAGLE MOUNTAIN & HINDS PUMP PLT  
 LITTLE MORONGO CIRCULAR SIPHON  
 LOWER FEEDER EROSION PROTECTION  
 MAGAZINE CANYON - VALVE REPLACEMENT FOR SAN FERNADO TUNNEL (STATION 778+80)  
 MAGAZINE CANYON OIL & WATER SEPARATOR  
 MAGAZINE CANYON OIL/WATER SEPARATOR  
 MAINTENANCE SHOP, GENE CMP - CRA  
 MATHEWS/DESERT-DOMESTIC WATER SYSTEM STUDY  
 MECCA PASS COLORADO RIVER PASS  
 MECCA PASS IRON MOUNTAIN WATER LINE  
 MECCA PASS TUNNELS  
 MENTONE PIPELINE, RUSD, DEFENSE OF CLAIM  
 MENTONE PPLN, RUSD, DEFENSE OF CLAIM  
 MESS HALL BUILDING - IRON MOUNTAIN  
 MILE 12 FLOW AND CHLORINE MONITORING STATION UPGRADES  
 MILE 12 POWER LINE & FLOW MONITORING EQUIPMENT STUDY  
 MILIGAN SALT HAUL ROAD  
 MILLS PLANT SUPPLY PUMP STATION STUDY  
 MINOR CAP FY 2011/12  
 MINOR CAPITAL PROJECTS FOR FY 1989/90 - EAGLE MTN PUMPING PLANT  
 MINOR CAPITAL PROJECTS FOR FY 1989/90 - GENE PUMPING PLANT  
 MINOR CAPITAL PROJECTS-EAGLE MTN VILLAGE, ASPHALT, REMOVE, REGRADE, REPL  
 MINOR CAPITAL PROJECTS-GENE INDUST AREA, INSTALL 2300V SVC  
 MINOR CAPITAL PROJECTS-GENE, IRON & EAGLE PUMP PLTS, INSTALL FLOW METERS  
 MINOR CAPITAL PROJECTS-HINDS VILLAGE, ASPHALT, REMOVE, REGRADE, REPL  
 MISCELLANEOUS  
 MISCELLANEOUS WATER SYSTEM ADDITIONS  
 MODIFY STRUCTURE EAST WIDE CANYON SIPHON  
 MORONGO MECCA PASS WATER LINE  
 MOTOR AIR COOLERS - IRON MTN PUMP PLT - CRA  
 MOTOR BREAKER FAULTY (5 PPLANTS)  
 NEW HOUSE AT HINDS PUMP PLANT VILLAGE  
 NEWHALL TUNNEL - REPAIR STEEL LINER  
 NEWHALL TUNNEL - UPGRADE LINER SYSTEM  
 NITROGEN STORAGE STUDY AT DVL, INLAND FEEDER PC-1, AND LAKE MATHEWS  
 OC 44 SERVICE CONNECTIONS & EOC#2 METER ACCESS ROAD REPAIR  
 OC 88 PUMP PLANT FIRE PROTECTION STUDY  
 OC-71 SERVICE CONNECTION REPAIRS  
 OFFICE BUILDING - IRON MOUNTAIN  
 OLINDA PCS FACILITY REHABILITATION AND UPGRADE  
 OLINDA PRESSURE CONTROL STRUCTURE FACILITY REHABILITATION AND UPGRADE  
 OPERATION OF DORMITORY BY USBR  
 ORANGE COUNTY 44 SERVICE CONNECTIONS & EOC#2 METER ACCESS ROAD REPAIR  
 ORANGE COUNTY 88 PUMP PLANT FIRE PROTECTION STUDY  
 OVERALL ASSESSMENT OF DELIVERY LINES  
 OVERHAUL PUMPS 1,2, &3 EAGLE MOUNTAIN  
 OVERHAUL PUMPS 1,2, &3 GENE

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

OVERHAUL PUMPS 1,2, &3 HINDS  
OVERHAUL PUMPS 1,2, &3 IRON MOUNTAIN  
OVERHAUL PUMPS 1,2, &3 WHITSETT  
OWNER CONTROLLED INSURANCE PROGRAM  
P103253 CRA PUMP WELLS CONVERSION AND BLOW-OFF REPAIR  
P103260 CRA ELECTRICAL GENE PUMP PLT REPLACE 6.9 KV TRANSFORMER BUSHINGS  
P103741 CRA PUMPING PLANT VULNERABILITY ASSESSMENT  
P103942 BLACK METAL MOUNTAIN, ELECTRICAL TRANSFORMER UPGRADE  
P104244 IRON MOUNTAIN PUMPING PLANT, DELIVERY PIPE EXPANSION JOINT REPAIRS  
P104506 IRON/EAGLE/HINDS DELIVERY LINE SUPPORT REPAIRS  
P104755 CRA HOUSING IMPROVEMENTS - ADDITION OF TEN NEW HOUSES  
P104875 SECOND LOWER FEEDER PCCP REHABILITATION  
P104887 SECURITY SYSTEM UPGRADE PROJECT  
P105000 SWITCH HOUSE DOORS AT EAGLE, MOUNTAIN & IRON MOUNTAIN  
P105008 PHYSICAL SECURITY CONTROLS FOR THE IRON MOUNTAIN  
P105015 IRON MOUNTAIN O&M EQUIPMENT PARKING CANOPY  
P105033 GENE INLET SURGE CHAMBER ACCESS IMPROVEMENTS  
P105082 IRON-EAGLE MTN. 230 KV TRANSMISSION LINE PILOT RELAY  
P105159 EAGLE MOUNTAIN 230KV LOCAL BREAKER FAILURE BACKUP  
P105180 CRA WHIPPLE MOUNTAIN TUNNEL  
P105185 EAGLE MOUNTAIN CRA EMPLOYEE HOUSING, MANUFACTURED HOMES  
P105208 CRA PUMPING PLANTS SCADA NETWORK MAIN SWITCH REPLACEMENT  
P105209 CRA PUMPING PLANT STATION BATTERY REPLACEMENT  
P105214 EAGLE MOUNTAIN CRA HOUSING, FENCING IMPROVEMENTS  
PALO VERDE VALLEY LAND PURCHASE - 16,000 ACRES  
PALOS VERDES FEEDER REHABILITATION OF DOMINGUEZ CHANNEL  
PALOS VERDES RESERVOIR SPILLWAY MODIFICATION  
PARKER POWER FLOATING BULKHEAD GATE  
PARKER POWER PLANT- AUTOMATION  
PARKER POWER PRELIMINARY STUDIES AND DESIGN  
PARKER POWER TESTING AND BORING  
PARKER POWER, DIVERSION, OUTLET WORKS & POWER HOUSE SUBSTRUCTURE  
PARKER POWERHOUSE STUDIES  
PARKER POWERHOUSE SUPERSTRUCTURE  
PARKWAY CABLE 2300 VOLT - HINDS PUMP PLT  
PERMANENT BUILDING AT CAMINO STATION  
PERRIS VALLEY SIPHON SCHEDULE 22  
PHYSICAL SECURITY CONTROLS FOR IRON MOUNTAIN  
POWER SYSTEM OPERATION  
POWER SYSTEMS SURVEYS  
PRELIMINARY OPERATION (1939-1940)  
PRELIMINARY OPERATION (1941)  
PRELIMINARY OPERATION - TESTING & CONDITIONING (1941)  
PRELIMINARY OPERATIONS  
PRELIMINARY PARKER POWER SURVEYS  
PROJECT MANAGEMENT SUPPORT  
PROTECTION- ACQUEDUCT AND DISTRIBUTION SYSTEM  
PUDDINGSTONE RADIAL GATE REHABILITATION  
PUMP UNIT NO.6 EAGLE MOUNTAIN  
PUMP UNIT NO.6 GENE (SPEC 503)  
PUMP UNIT NO.6 HINDS  
PUMP UNIT NO.6 IRON MOUNTAIN  
PUMP UNIT NO.6 VARIOUS CREDITS  
PUMP UNIT NO.8 WHITSETT (SPEC 503)  
PUMPING EQUIPMENT  
PUMPING EQUIPMENT - VARIOUS PLANTS (RETIRED IN 60/63/67)  
PUMPING PLANT BLDG. ENLARGEMENT FOR UNITS 6-9: INTAKE PUMPING PLNT.-EAGLE  
PUMPING PLANT BLDG. ENLARGEMENT FOR UNITS 6-9: INTAKE PUMPING PLNT.-GENE  
PUMPING PLANT BLDG. ENLARGEMENT FOR UNITS 6-9: INTAKE PUMPING PLNT.-HAYFIELD  
PUMPING PLANT BLDG. ENLARGEMENT FOR UNITS 6-9: INTAKE PUMPING PLNT.-INTAKE  
PUMPING PLANT BLDG. ENLARGEMENT FOR UNITS 6-9: INTAKE PUMPING PLNT.-IRON  
PUMPING PLANT DELIVERY LINE NO.3-EAGLE (ALLOC)  
PUMPING PLANT DELIVERY LINE NO.3-GENE (ALLOC)  
PUMPING PLANT DELIVERY LINE NO.3-HINDS (ALLOC)  
PUMPING PLANT DELIVERY LINE NO.3-INTAKE (ALLOC)  
PUMPING PLANT DELIVERY LINE NO.3-IRON (ALLOC)  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 WHITSETT  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 EAGLE  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 GENE  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 GENERAL  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 GENERAL (SPEC 547)  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 HINDS  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 IRON  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 VARIOUS  
PUMPING PLANT EXPANSION UNITS 7,8 & 9 WHITSETT  
PUMPING PLANTS EXPANSION UNITS NO. 4 &5 INCL. DELIVERY LINE # 2-EAGLE (ALLOC)  
PUMPING PLANTS EXPANSION UNITS NO. 4 &5 INCL. DELIVERY LINE # 2-GENE (ALLOC)  
PUMPING PLANTS EXPANSION UNITS NO. 4 &5 INCL. DELIVERY LINE # 2-HINDS (ALLOC)  
PUMPING PLANTS EXPANSION UNITS NO. 4 &5 INCL. DELIVERY LINE # 2-INTAKE (ALLOC)  
PUMPING PLANTS EXPANSION UNITS NO. 4 &5 INCL. DELIVERY LINE # 2-IRON (ALLOC)  
PURCHASE OF LAND AND RIGHT OF WAY  
QUAGGA MUSSEL STUDY  
R&R FOR CRA  
RADIO COMMUNICATION EQUIPMENT.CHUCKAWALLA PEAK-CRA  
RADIO COMMUNICATION EQUIPMENT.SANTIAGO PEAK-CRA  
RECREATION HALL - CAMINO SWITCHING STATION  
RECREATION HALL, HINDS & EAGLE MTN - CRA (1/2 EACH)  
RECREATIONAL FACIL.AT EAGLE, IRON, HAYFIELD PUMPING PLNTS & CAMINO  
RECREATIONAL FACILITIES AT IRON, EAGLE AND HAYFIELD PUMPING PLANTS  
RED MOUNTAIN POWER PLANT REHABILITATION  
RED MOUNTAIN, OCTOBER 2007 FIRE DAMAGE, COMMUNICATION POWER TOWERS  
RELAY PANELS, ALL PLANTS - CRA  
REMODEL & ENLARGE TEN DISTRICT HOUSES - CRA



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

REMODEL DORMITORY-EAGLE MTN VILLAGE  
 REMODEL WESERN PORTION OF DORMITORY, GENE VILLAGE  
 REPAIR DETERIORATED JOINTS IN CRA LAKEVIEW SIPHON  
 REPAIR GATEHOUSE ANCHOR BLOCK- HINDS PLT  
 REPAIR PUMP UNITS GENERAL  
 REPAIR UPPER FEEDER LEAKING EXPANDSION JOINT  
 REPAIRS TO TUNNELS  
 REPLACE 240KV/69KV OIL CIRCUIT BREAKERS AT ALL PUMPING PLTS  
 REPLACE AIR CIRCUIT BREAKERS,UNIT 1 THRU 6 AT ALL FIVE PLANTS (1/5 EACH)  
 REPLACE DOMESTIC WATER SUPPLY - VARIOUS LOCATION  
 REPLACE DOMESTIC WATER SYSTEM  
 REPLACE HOUSES AND SHOPS AT PUMP PLANTS  
 REPLACE INSTR. PANEL-INTAKE IRON, EAGLE, AND HINDS (1/4 EACH)  
 REPLACE WATER FLOWMETER INDICATORS  
 REPLACING STORAGE BATTERIES  
 REROUTING TELEPHONE LINE AT PALM SPRING  
 RESIDENCE 131-W - EAST SIDE CANYON  
 RESIDENCE 141-V - VIDAL  
 RESIDENCE 145-C - COXCOMB  
 RESIDENCES - 2 AT GENE VILLAGE  
 RESIDENCES - 4 AT GENE & 1 AT IRON MOUNTAIN - CRA  
 RETIRED BANNING-VALVERDE TELEPHONE LINE  
 RETIRED LAKE MATHEWS-LA VERNE TELEPHONE LINE  
 RETIRED LAKEVIEW-BEAUMONT TELEPHONE LINE  
 RETIRED SALT LOADING DOCK REPLACED BY E & A 271  
 RETIRED TELEPHONE LINE AT PALM SPRINGS  
 RETIRED VALVERDE-LAKE MATHEWS TELEPHONE LINE  
 RETUBE 24 AIR COOLERS FOR MOTORS,INTAKE P.P & GENE P.P  
 RETUBE COOLERS UNITS 4 & 5, CREDITS-GENE (SPEC 567)  
 RETUBE COOLERS UNITS 4 & 5, GENE (SPEC 567)  
 RETUBE COOLERS UNITS 4 & 5, WHITSETT (SPEC 567)  
 RETUBE MOTOR AIR COOLERS - HINDS AND EAGLE (1/2 EACH)  
 RIALTO FEEDER REPAIR @ STA. 3662+23  
 RIALTO FEEDER REPAIR OF ANOMALOUS PIPE SECTION  
 RIALTO PIPELINE CB-12 ND CB-16 VALVE REPLACEMENT  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - COLORADO RIVER AQUEDUCT  
 RIVERSIDE BADLANDS TUNNEL CONSTRUCTION  
 RIVERSIDE BRANCH - ALESSANDRO BLVD. LEFT LAND TURN LANE  
 RIVERSIDE BRANCH - CONSTRUCTION OF CONTROL PANEL DISPLAY WALL  
 RIVERSIDE NORTH PIPELINE DESIGN & CONSTRUCTION  
 RIVERSIDE SOUTH PIPELINE CONSTRUCTION  
 ROAD MAINTENANCE  
 ROAD SURVEYS  
 ROADS FOR TRANSMISSION LINE SURVEYS  
 RPLCMT.OF TUBES IN 38 MTR.AIR COOLERS ON UNITS 1,2&3-EAGLE & HAYFIELD  
 SALT LOADING DOCK AT MILIGAN- NEAR DANBY DRY LAKE (REPLACE)  
 SALT PRODUCTION PLANT  
 SAN DIEGO PIPELINE REPAIR AT STATION 1268+57  
 SAN FERNANDO TUNNEL STATION 778+80 VALVE REPLACEMENT  
 SAN GABRIEL TOWER SEISMIC ASSESSMENT  
 SAN JACINTO RESERVOIR SERVICE INTERTIE  
 SAN JACINTO RESERVOIR-FISH SCREENS AND CHLORINE EQUIPMENT  
 SAN JACINTO TUNNEL  
 SAN JACINTO TUNNEL EAST ADIT REHABILITATION  
 SAN JACINTO TUNNEL SUBSTATIONS  
 SAN JACINTO TUNNEL, WEST PORTAL  
 SAN JACINTO TUNNEL, WEST PORTAL SEISMIC MODIFICATION  
 SAN JACINTO TUNNEL: ADDITIONAL GROUTING  
 SAN JACINTO TUNNEL: EXPANSION OF SIPHONS (EAST OF TUNNEL)  
 SAN JACINTO TUNNEL:SECOND BARREL OF CASA LOMA SIPHONS  
 SAN JOAQUIN RESERVOIR - NEW DESIGN  
 SAN JOAQUIN RESERVOIR IMPROVEMENT- FLOATING COVER  
 SAN JOAQUIN RESERVOIR IMPROVEMENTS  
 SAN JOAQUIN RESERVOIR IMPROVEMENTS STUDY  
 SAN TIMOTEO CANYON POWER LINES  
 SAND TRAP CLEANING EQUIPMENT AND TRAVELING CRANE STUDY  
 SAND TRAP STUDY  
 SANTA ANA RIVER BRIGDE SEISMIC RETROFIT  
 SANTIAGO TOWER ACCESS ROAD UPGRADE  
 SANTIAGO TOWER PATROL ROAD REPAIR  
 SD5 REPAIR  
 SECOND 230KV TRANSMISSION LINE (SPEC 570)  
 SECOND LOWER FEEDER STRAY CURRENT MITIGATION SYSTEMS REFURBISHMENT  
 SECURITY FENCING AT OC-88 PUMPING PLANT  
 SECURITY SYSTEM UPGRADE PROJECT  
 SEISMIC EVALUATION OF CRA STRUCTURES  
 SEISMIC MODS-ALL 5 PUMP PLT BLDG  
 SEISMIC MODS-DISCHRG PIPLN-ALL PUMPING PLTS  
 SEISMIC PROGRAM  
 SEISMIC UPGRADE OF 11 FACILITIES OF THE CONVEYANCE & DISTRIBUTION SYSTEM  
 SEPULVEDA FEEDER CORROSION INTERFERENCE MITIGATION  
 SEPULVEDA FEEDER REPAIR AT STATION 1099  
 SEPULVEDA FEEDER STRAY CURRENT MITIGATION SYSTEM REFURBISHMENT  
 SERVICE CONNECTION & EOCF #2 METER ACCESS ROAD UPGRADE & BETTERMENT  
 SERVICE CONNECTION DWCV-2T VALVES REPLACEMENT AND STUCTURE CONSTRUCTION  
 SHAVERS SUMMIT ROAD ADVANCE  
 SKINNER BR - IMPROVE CABAZON RADIAL GATE FACILITY  
 SKINNER BRANCH, CASA LOMA CANAL ACOUSTIC METER  
 SKINNER BRANCH, CASA LOMA SIPHON, BARREL ONE BULKHEAD  
 SKINNER ELECTRICAL EQUIPMENT BUILDING 1 & 2  
 STANDBY GENERATOR - IRON MOUNTAIN  
 STANDBY POWER LINE GENE PUMP PLANT - CRA  
 STATION SERVICE RACKS, GENE PUMP PLT- CRA

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Conveyance and Aqueduct Facilities**

SUBSTATION OPERATORS QUARTERS  
 SUCTION & DISCHARGE LINES EXPANSION JOINT STUDY  
 SURVEYS  
 SVC CONNECT 2ND LOWER FEEDER STA1554+00-1568+50  
 SVC CONNECT CRA EAGLE MTN LANDFILL STA 5585+00-5850+00  
 SVC CONNECT OC FEEDER OC-28A  
 SWITCH HOUSE DOORS AT EAGLE MOUNTAIN & IRON MOUNTAIN  
 SWITCHYARDS AND HEAD GATES REHAB  
 TELEPHONE EQUIPMENT AT BANNING  
 TELEPHONE EQUIPMENT AT CAMPS  
 TELEPHONE LINE OPERATION (1941)  
 TELEPHONE LINE SURVEYS  
 TELEPHONE SYSTEM- GENE,IRON, EAGLE AND HINDS  
 TELEPHONE SYSTEM OPERATION (1933-34)  
 TELEPHONE SYSTEM OPERATION (1935-40)  
 TEMESCAL HYDRO-ELECTRIC PLANT ACCESS ROAD UPGRADE  
 TEMESCAL POWER PLANT ACCESS ROAD PAVING  
 TEMPORARY EMPLOYEE LABOR SETTLEMENT (CARGILL)  
 TEN HOUSES - PUMP PLTS  
 TRANSFORMER OIL & CHEMICAL UNLOADING PAD CONTAINMENT  
 TRANSFORMER OIL AND SODIUM HYPOCHLORITE CONTAINMENT PROJECT  
 TRANSMISSION LINE PATROL ROADS  
 TRANSMISSION LINE SURVEYS  
 TRANSMISSION LINE GROUNDING SYSTEM  
 TRANSMISSION LINE PRELIMINARY OPERATION (1941)  
 TRANSMISSION LINE PRELIMINARY OPERATION (1938-1940)  
 TUNNEL WATER INVESTIGATIONS  
 TV FACILITIES- EAGLE MOUNTAIN PUMPING PLANT  
 TV FACILITIES- GENE PUMPING PLANT  
 TV FACILITIES- HINDS PUMPING PLANT  
 TV FACILITIES- IRON MOUNTAIN PUMPING PLANT  
 TV FACILITIES- VARIOUS PUMPING PLANTS  
 U.S. BUREAU OF LAND MANAGEMENT LAND ACQUISITION  
 UPPER FEEDER CATHODIC PROTECTION SYSTEM  
 UPPER FEEDER GATES REHABILITATION PROJECTS  
 UPPER FEEDER LEAKING EXPANSION JOINT REPAIR  
 VAL VERDE TUNNEL  
 VALLEY BRANCH - PIPELINE CORROSION TEST STATION  
 VALVERDE TO LAKE MATHEWS TELEPHONE LINE  
 VARIOUS POWER LINE EXTENSIONS  
 VARIOUS SPUR TELEPHONE LINES  
 VENTILATION SYSTEM,CABLE TUNNEL - GENE PUMP PLANT - CRA  
 VIDAL WELLS PATROLMAN'S CAMP  
 VOLTAGE REGULATING & SWITCHING EQUIPMENT  
 W. PORTAL SAN JACINTO TUNNEL: ONE HOUSE WITH GARAGE  
 WASTEWATER SYSTEM REHABILITATION  
 WASTEWATER SYSTEM REHABILITATION - GENE/IRON MTN  
 WASTEWATER SYSTEM REHABILITATION - HINDS/EAGLE MTN  
 WATER FLOWMETER, INDICATORS & LIMIT TOTALIZERS - ALL PUMP PLT-CRA (1/5 EACH)  
 WATER METERS AND MOVING MAINS  
 WATER SYSTEM - CAMINO SWITCHING STATION  
 WATER SYSTEM OPERATION  
 WATER SYSTEM SURVEYS  
 WATER TANKS PUMPS  
 WATER TANKS PUMPS ETC  
 WATER TREATMENT FACILITIES  
 WEST EAGLE MOUNTAIN TUNNEL, EAST PORTION  
 WEST EAGLE MOUNTAIN TUNNEL, WEST PORTION  
 WEST VALLEY FEEDER #2 CATHODIC PROTECTION SYSTEM REHABILITATION  
 WHIPPLE MOUNTAIN TUNNEL  
 WHIPPLE SPILLWAY  
 WHITE WATER SIPHON PROTECTION  
 WHITEWATER EROSION PROTECTION STRUCTURE REHABILITATION  
 WHITEWATER SIPHON EROSION PROTECTION  
 WHITEWATER SIPHON PROTECTION STRUCTURE  
 WHITEWATER TUNNELS  
 WHITSETT PUMPING PLANT BUILDING & CONTROL  
 WHITSETT PUMPING PLANT DELIVERY PIPES  
 WHITSETT PUMPING PLANT FENCING  
 WHITSETT PUMPING PLANT MISCELLANEOUS FEATURES  
 WHITSETT PUMPING PLANT PUMPING EQUIPMENT

***Sub-total Conveyance and Aqueduct facilities costs***

**\$ 90,887,289**

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

102723 ALL FACILITIES, INSPECTION AND REPLACEMENT OF CRITICAL VACUUM VALVES  
102896 - SAN DIEGO PIPELINE 3 BYPASS  
103021 SKINNER FILT PLT, SLUDGE HANDLING FACILITY MODIFICATIONS  
103141 MILLS FILT PLT, IMPVMNTS PRGRM, ELEVATED COAGULATION AND SLUDGE STUDY  
103164 BASIN DROP GATES REPLACEMENT  
103179 CRA PUMPING PLANT RELIABILITY PROGRAM - CIRCULATING WATER SYSTEM REHAB  
103181 WEST VALLEY FEEDER 1, STAGE 2. VALVE STRUCTURE MODIFICATIONS  
103183 SUCTION AND DISCHARGE LINES - EXPANSION JOINT REPAIRS  
103222 JENSEN TREATMENT PLANT - SOLIDS DEWATERING FACILITY AND LAGOONS  
103254 MILLS FILT PLT, IMPROVEMENTS PROGRAM, MODULE 2 REHABILITATION  
103270 WEYMOUTH IMPROVEMENT PROGRAM, REPLACE SURFACE WASH HEADER PIPELINE  
103334 CRA-SWITCHYARDS AND HEAD GATES REHABILITATION  
103343 DISTRIBUTION SYSTEM EQUIPMENT AND INSTRUMENTATION UPGRADES  
103345 MILLS MODULES 3 AND 4 TURBIDITY METERS AND GAS DETECTORS REPLACE  
103372 SAN DIEGO CANAL LINER REPAIR  
103373 LAKE SKINNER EASE BYPASS SCREENING STRUCTURE REHABILITATION  
103374 SAN DIEGO CANAL-SODIUM BISULFITE FEED SYSTEM UPGRADE  
103391 PALOS VERDES RESERVOIR COVER AND LINER REPLACEMENT  
103401 REPLACE FLOCULATORS AND TUBE SETTLERS AT WWRP NO.2  
103484 RIALTO FEEDER, REPAIRS AT SELECT LOCATIONS  
103526 MILLS FILTRATION PLANT, UPC 480V SYSTEM UPGRADE, STUDY  
103531 ORANGE COUNTY FEEDER LINING REPAIR - REACH 2  
103569 JENSEN MODULE NO. 1 FILTER VALVE REPLACEMENT  
103608 DESERT AIRFIELDS IMPROVEMENT  
103622 DIEMER TREATMENT PLANT, VEHICLE MAINTENANCE CENTER, CONSTRUCTION  
103739 COPPER BASIN RESERVOIR OUTLET STRUCTURE REHABILITATION  
103749 CRA TRANSITION STRUCTURE AND MANHOLE COVERS  
103754 CAST-IRON BLOW OFF REPLACEMENT, PHASE 4  
103760 DANBY TOWERS FOUNDATION REHABILITATION  
103777 SKINNER WATER TREATMENT PLANT-WIDE REPLACEMENT OF TURBIDIME  
103781 SKINNER ELECTRICAL BUILDING AND GROUND FAULT PROTECTION UPGRADE  
103791 MILLS INDUSTRIAL WASTEWATER IMPROVEMENTS  
103803 GARVEY RESERVOIR AUTOMATED DATA ACQUISITION SYSTEM (ADAS) REPLACEMENT  
103805 YORBA LINDA POWER PLANT MODIFICATIONS  
103880 WEYMOUTH FILTER REHABILITATION DEMONSTRATION  
103887 SKINNER FINISHED WATER RESERVOIR COVER REPLACEMENT  
103888 IT SYSTEM, COMMUNICATION INFRASTRUCTURE RELIABILITY UPGRADE  
103893 JENSEN MODULE 1 FILTERS SURFACE WASH SYSTEM UPGRADES  
103924 HYDROELECTRIC POWER DEVELOPMENT, FEASIBILITY STUDY  
103940 WEYMOUTH PERIMETER IMPROVEMENTS, PHASE II CONSTRUCTION  
104002 OLINDA PRESSURE CONTROL FACILITY PAVEMENT REHAB  
104026 RED MTN-OCT 07 FIRE DAMAGE COMM PWR TOWERS & METER STRUCT REPLACE  
104058 SKINNER COMPLETION PROJECT IMPROVEMENT  
104090 INTAKE PUMPING PLANT 2.4KV POWER LINE RELOCATION  
104115 SKINNER THICKENER PUMPS REPLACEMENT  
104128 SANTA ANA RIVER BRIDGE SEISMIC RETROFIT  
104172 EAGLE MOUNTAIN PUMPING PLANT STANDBY DIESEL ENGINE GENERATOR REPLACE  
104198 ETIWANDA PIPELINE - LINING REPLACEMENT  
104210 COLLIS VALVE REPLACEMENT  
104226 ORANGE COUNTY FEEDER RELOCATION IN FULLERTON  
104235 ETIWANDA CAVITATION FACILITY INFRASTRUCTURE REHABILITATION  
104267 DVL CONTROL & PROTECTION UPGRADE  
104269 MILLS SODIUM HYDROXIDE TANK REPLACEMENT  
104273 HINDS PUMPING PLANT STANDBY GENERATOR REPLACEMENT  
104280 IRON MOUNTAIN PUMPING PLANT HOUSING REPLACEMENT  
104284 DIEMER ELECTRICAL IMPROVEMENTS - STAGE 2  
104296 IRON MOUNTAIN SERVICE PIT REHABILITATION  
104320 ENHANCED AUTOMATIC FLOW TRANSFER SOFTWARE REDEVELOPMENT  
104323 PALOS VERDES RESERVOIR HYPOCHLORITE FEED SYSTEM UPGRADE  
104324 SAN JACINTO EAST ADIT REHABILITATION  
104335 GLENDALE - 01 SERVICE CONNECTION REHABILITATION  
104340 OPERATIONS CONTROL CENTER UPS REPLACE  
104370 TEMESCAL AND CORONA POWER PLANT STANDBY GENERATOR REPLACEMENT  
104384 DIEMER SUPERMATANT PUMP STATION IMPROVEMENTS  
104387 DVL INLET/OUTLET TOWER FISH SCREEN REPLACEMENT - CONSTRUCTION  
104408 JULIAN HINDS PUMPING PLANT DELIVERY PIPE EXPANSION JOINT PHASE REPAIR  
104414 OC FEEDER CATHODIC PROTECTION SYSTEM REHABILITATION  
104421 SKINNER SOLIDS HANDLING PUMPS AT WWRK#3  
104422 DIEMER TUNNEL CHLORINE DETECTION SYSTEM INFRASTRUCTURE  
104433 LAKEVIEW PIPELINE LEAK REPAIR AT STA. 2510+49  
104434 WADSWORTH PUMPING PLANT CONTROL AND PROTECTION, PRELIMINARY DESIGN  
104437 SKINNER SOLIDS HANDLING IMPROVEMENTS  
104448 CRA CANAL IMPROVEMENTS  
104466 OAK STREET PRESSURE CONTROL STRUCTURE VALVE ACTUATOR  
104475 ROW INFRASTRUCTURE PROTECTION PROGRAM WESTERN SAN BERNARDINO STAGE 1  
104477 ROWIPP PROGRAMMATIC ENVIRONMENTAL DOCUMENT  
104480 OAK STREET PRESSURE ONTROL STRUCTURE ROOF REPLACEMENT  
104486 WEYMOUTH WATER TREATMENT PLANT DOMESTIC AND FIRE WATER SYSTEM IMPROVEMENT  
104487 WEYMOUTH DOMESTIC WATER PIPELINE REPLACEMENT  
104490 PERRIS PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
104493 COYOTE PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
104500 SKINNER MODULE 7 SODIUM HYPOCHLORITE PIPING RETROFIT  
104509 ORANGE COUNTY C&D REGION SERVICE CENTER  
104515 CRA IRON MOUNTAIN SUCTION JOING REFURBISHMENT PILOT  
104517 SCADA COMMUNICATION MPLS UPGRADE-AT&T REGION

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

104521 CAJALCO CREEK DAM MANHOLE COVER RETROFIT  
104523 SKINNER OZONE CONTRACTOR SAMPLE PIPING AND TRACER PIPING  
104539 CARBON CREEK PRESSURE CONTROL STRUCTURE SEISMIC ASSESSMENT  
104561 WEST VALLEY FEEDER NO. 1 - STAGE 2 VALVE STRUCTURE MODIFICATIONS  
104566 GARVEY RESERVOIR SITE DRAINAGE REPAIRS AND MODIFICATIONS  
104567 SITES 1 & 2 SECOND LOWER FEEDER URGENT REPAIRS  
104568 SITE 3 SECOND LOWER FEEDER URGENT REPAIRS  
104574 EAST ROLLUP PARKING DOOR AT HEADQUARTERS  
104578 NEW HOUSE AT HINDS PUMP PLANT VILLAGE  
104579 CONTROL SYSTEM SERVER REPLACEMENT  
104590 GENE PUMPING PLANT EXPANSION JOINT REHABILITATION  
104592 WEYMOUTH CAKE PUMP DRIVE SYSTEM FOR BELT PRESSES NOS 1-3  
104593 DIEMER CHLORINE MASS FLOW METER REPLACEMENT  
104594 DIEMER MAGNETIC FLOW METER UPGRADE  
104595 - DIEMER PLANT FLORESCENT LIGHTING IMPROVEMENTS  
104599 CAJALCO CREEK AND LAKE MATHEWS ADAS REPLACEMENT PROJECT  
104603 GARVEY RESERVOIR WATER QUALITY LABORATORY REHABILITATION  
104610 TEMESCAL HYDRO ELECTRIC PLANT ROOF REPLACEMENT  
104611 CORONA HYDRO ELECTRIC PLANT ROOF REPLACEMENT  
104612 - TEMESCAL HEP COOLING/SEAL WATER LINE REPLACEMENT  
104613 - CORONA HEP COOLING/SEAL WATER LINE REPLACEMENT  
104619 ACCESS RD FOR W VALLEY FEEDER NO. 1 & @UPPER PORTION OF E PORTAL RD. IMP  
104622 LAKE MATHEWS HYDROELECTRIC PLANT REPAIRS  
104625 BERNASCONI TUNNEL LINING  
104634 GREGG AVENUE PRESSURE CONTROL STRUCTURE-PUMP MODIFICATIONS  
104643 CRA OVER-CURRENT RELAY REPLACEMENT  
104646 WADSWORTH PUMPING PLANT CONTROL AND PROTECTION UPGRADES  
104648 CARBON CREEK PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
104654 SKINNER SPARGER PUMP REPLACEMENT  
104655 ESTRN REG DIST SYS CATHODIC PROTECTION REMOTE MONITORING REFURB  
104658 WSTRN REG DIST SYS CATHODIC PROTECTION REMOTE MONITORING REFURB  
104661 SAN DIEGO PIPELINE NO. 3 PIPING MODIFICATIONS  
104679 SKINNER RESERVOIR INFLUENT CONDUIT LOW FLOW CHEMICAL MIXING SYSTEM  
104682 IT NETWORK RELIABILITY UPGRADES  
104685 WILLITS ST. PCS VALVE ACTUATOR REPLACEMENT  
104686 MIDDLE FEEDER S BLOWOFF VALVE REPLACE AT STA. 782+54 (3RD LOW BIDDER)  
104689 SEISMIC UPGRADES AT 10 SERVICE CONNECTION STRUCTURES ALONG AMP  
104693 WEYMOUTH EAST WASHWATER TANK PUMP REPLACEMENT  
104703 PCCP REHABILITATION - PROGRAM MANAGEMENT  
104704 PCCP REHABILITATION - PROGRAM CEQA  
104712 CASA LOMA SIPHON NO. 1, CASA LOMA CANAL & SAN DIEGO CANAL FLOW METER REPL  
104713 AMR SERVER AND SYSTEM UPGRADE (MINOR CAP)  
104718 AMR CELLULAR MODEM UPGRADE  
104731 - WR-24D FLOWMETER REPLACEMENT  
104732 EAGLE MTN PUMPING PLANT VILLAGE - POTABLE WATER LINE REPLACEMENT PRJ  
104735 GARVEY RESERVOIR FENCING AND PEST BARRIER  
104742 CRA DELIVERY LINE REHABILITATION  
104748 - ETIWANDA SF6 CIRCUIT BREAKER REFURBISHMENT  
104753 SKINNER CONTRACTOR CONCRETE MAINTENANCE  
104754 SKINNER REC PLANT 3 - REPLACE SHAFT SLEEVES AND BEARINGS  
104759 GARVEY RESERVOIR CONTROL VALVES REPLACEMENT  
104760 SEPULVEDA FEEDER PCCP 2016 URGENT REPAIRS  
104763 LAKE MATHEWS HEADWORKS FOREBAY LINER & OUTLET TOWER REPAIR  
104766 MIDDLE FEEDER RELOCATION FOR SCE MESA SUBSTATION  
104771 ETIWANDA AUTOMATIC VOLTAGE REGULATOR REPLACEMENT  
104772 SKINNER PLANT 1 MODULE 3 ELECTRICAL RACEWAY REPLACEMENT  
104774 DIEMER ELECTRICAL UPGRADES AT LAGOON 4  
104775 DIEMER UPS REPLACEMENT  
104777 JENSEN PLANT THICKENER 3&4 REFURBISHMENT  
104783 LAKE MATHEWS HEAVY AND LIGHT VEHICLE SHOP PROPANE TANKS  
104794 SECOND LOWER FEEDER PCCP 2016 URGENT REPAIRS  
104796 RIALTO PIPELINE CB-12 ND CB-16 VALVE REPLACEMENT  
104797 JENSEN CHLORINE EJECTOR MODIFICATIONS  
104798 ORANGE COUNTY C&D UPS REPLACEMENT  
104808 ALLEN MCCOLLOCH PIPELINE OC-76 TURNOUT RELOCATION  
104818 SANTIAGO LATERAL STA. 364+04 PIPE EXPOSURE  
104821 ELECTRICAL UPGRADES AT 15 STRUCTURES , OC REGION  
104823 WADSWORTH PUMPING PLANT YARD PIPING LINING REPAIRS  
104826 SKINNER BELT FILTER PRESS REHABILITATION  
104827 SKINNER PLANT 1 LOSS OF HEAD ULTRASONIC METER REPLACEMENT  
104828 HEADQUARTERS LOADING DOCK OVERHEAD GATE REPLACEMENT  
104835 DIAMOND VALLEY AREA ACOUSTIC FLOWMETER REPLACEMENT  
104837 HQ DATACENTER SAN UPGRADE PHASE 1  
104839 JENSEN OZONE SYSTEM PLC CONTROL & COMMUNICATION  
104841 WEYMOUTH FLOCCULATOR REHABILITATION  
104843 CASA LOMA SIPHON BARREL NO. 1 - SEISMIC UPGRADES  
104846 CRA CIRCULATING WATER SYSTEM SODIUM HYPOCHLORITE TANK REPLACEMENT  
104850 SCADA RTU CPU & OS UPGRADE  
104852 LAKE SKINNER C&D BUILDING REHABILITATION  
104856 SANTA ANA RIVER BRIDGE EXPANSION JOINT REPLACEMENT  
104857 WADSWORTH PUMPING PLANT CONTROL AND PROTECTION UPGRADES  
104866 REFURBISH OC-88 P-3000 & P-4000  
104867 JENSEN FLUORIDE TANK REPLACEMENT  
104868 JENSEN FILTER BACKWASH BIOLOGICAL CONTROL SYSTEM

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

104870 EAST OC FEEDER NO. 2 SERVICE CONNECTION A-06  
104872 SITES 1 & 2 SECOND LOWER FEEDER URGENT REPAIRS  
104873 SITES 3 SECOND LOWER FEEDER URGENT REPAIRS  
104875 SECOND LOWER FEEDER PCCP REHABILITATION  
104876 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 2  
104877 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 3  
104881 SECOND LOWER FEEDER PCCP REHABILITATION  
104883 SECOND LOWER FEEDER PCCP REHABILITATION - REAL PROPERTY ACQUISITION  
104888 REFURBISH TEMESCAL HYDROELECTRIC GENERATOR COOLERS  
104889 REFURBISH CORONA HYDROELECTRIC GENERATOR COOLERS  
104890 COPPER BASIN SODIUM HYPOCHLORITE TANK REPLACEMENT  
104894 CB-20 AND PM-26 FLOWMETER REPLACEMENT  
104900 CRA AND IRON MOUNTAIN RESERVOIR PANEL REPAIRS  
104901 DVL VIEWPOINT ROAD SECURITY UPGRADES  
104902 CRA HOUSING IMPROVEMENTS - RENOVATION OF HOUSES  
104905 SERVICE CONNECTION LA-35 SLIDE GATE OPERATOR  
104910 DVL VISITOR CENTER EXTERIOR LIGHTING REPLACEMENT  
104914 FAIRPLEX AND WALNUT PCS VALVES REPLACEMENT  
104917 HINDS POOL REFURBISHMENT  
104921 EAGLE MOUNTAIN POOL REFURBISHMENT  
104924 WEST VALLEY FEEDER NO. 1 - DE SOTO VALVE STRUCTURES IMPROVEMENTS  
104927 CASA LOMA CANAL PANEL REPAIR  
104939 VALLEY VIEW HYDROELECTRIC GENERATOR REFURBISHMENT  
104942 EAGLE ROCK OPERATION CONTROL CENTER & INCIDENT COMMAND CENTER ROOF REPL.  
104958 SKINNER ORP SWITCHGEAR BATTERY REPLACEMENT  
104961 LAKE MATHEWS FENCING SECURITY UPGRADE  
104965 SERVICE CONNECTION CENB-29 EQUIPMENT RELOCATION  
104971 SKINNER SPILLWAY REHABILITATION  
104976 WATER ORDERING & EVENT SCHEDULING SYSTEM  
105001 SERVICE CONNECTION WB-2A & WB-2B EQUIPMENT RELOCATION  
105002 SEPULVEDA WEST VALLEY, AND EAST VALLEY FEEDERS INTERCONNECTION  
105003 LEARNING MANAGEMENT (LMS) UPGRADE  
105006 SEPULVEDA FEEDER PCCP DEL AMO BLVD. URGENT REPAIR  
105009 CRA INTAKE BUOY LINE REPLACEMENT  
105023 SCADA NETWORK FIBER OPTIC SWITCH REPLACEMENT  
105026 SKINNER ELECTRICAL EQUIPMENT BUILDING 1 & 2  
105029 SKINNER ACCUSONIC FLOWMETER REPLACEMENT  
105039 FOOTHILL FEEDER - CASTAIC VALLEY BLOW-OFF VALVES REPLACEMENT  
105060 CRA-WHITEWATER EROSION PROTECTION STRUCTURE  
105061 LOWER FEEDER STANDPIPE #22 REHABILITATION  
105064 OC 88 FIRE SYSTEM PROTECTION UPGRADES  
105070 SERVICE CONNECTION FLOWMETER REPLACEMENT  
105098 LOWER FEEDER BLOW-OFF DRAIN LINE REPLACEMENTS  
105101 JENSEN FILTER EFFLUENT TURBIDIMETER RELIABILITY  
105107 LA VERNE BUILDING 40 COMPRESSED AIR UPGRADES  
105108 INTAKE BANK PHASE 2 PHASE C TRANSFORMER REHABILITATION  
105110 MILLS EMERGENCY GENERATOR PLC UPGRADE  
105114 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 8  
105118 PERRIS BYPASS PIPELINE SUMP PUMP REPLACEMENT  
105123 CENTRAL BASIN 48 BUBBLER AREA ACCESS IMPROVEMENTS  
105137 RIALTO FEEDER STA 3820+00 MANHOLE REPLACEMENT  
105164 SAN DIEGO PIPELINE 1 RAINBOW TUNNEL LINER REHABILITATION  
105167 SAN GABRIEL PCS ELECTRICAL REPLACEMENTS  
105172 ALLEN MCCOLLOCH PIPELINE PCCP 2021 URGENT RELINING  
105195 RIALTO FEEDER VALVE REPLACEMENT  
105201 OC-89 AND OC-90 FLOW METER REPLACEMENT  
105203 ETIWANDA PIPELINE LINING REPLACEMENT - STAGE 3  
105235 SEPULVEDA HEP TAILRACE COATINGS  
105240 WEST VALLEY FEEDER NO. 1 STRUCTURES - PIPING IMPROVEMENTS  
105292 WEST ORANGE COUNTY FEEDER BLOWOFF DRAIN LINE REHAB ENGINEERING CHANGE  
105300 WB-06B METER REPLACEMENT PROJECT  
105353 FOOTHILL FEEDER EXPOSURE  
105369 UPPER FEEDER EMERGENCY EXPANSION JOINT REPLACEMENT  
105393 SEPULVEDA CANYON PCS TO VENICE PCS VALVE REPLACEMENTS  
105409 SAN DIEGO CANAL CONCRETE LINER REPAIR SITE 622  
105443 SEPULVEDA FEEDER CFRP URGENT RELINING  
108TH STREET PRESSURE CONTROL STRUCTURE REHABILITATION  
108TH STREET PRESSURE CONTROL STRUCTURE VALVE REPLACEMENT  
109907 DVL VISITOR'S CENTER IMPROVEMENTS  
15112 JENSEN PLT. SEC SYS  
15114 GARVEY RESERVOIR O&M CENTER  
15120 MILLS FILT PLT, EXPANSION 2  
15121 SAN DIEGO PIPELINE 6  
15122 INLAND FEEDER PROGRAM  
15123 DIAMOND VALLEY LAKE PROGRAM  
15125 ETIWANDA POWER PLANT  
15143 PRELIMINARY STUDY FOR PERRIS AREA  
15144 PRELIMINARY STUDY FOR LK MATHEWS & WEYMOUTH  
15162 WEST VALLEY AREA STUDY  
15173 JENSEN & MILLS FILT PLTS, ORP  
15221 FEASIBILITY STUDY OF FOOTHILL AREA STUDY  
15222 WATER QUALITY, DEMONSTRATION, SCALE TESTING  
15247 UNION STATION LONG-TERM HEADQUARTERS FACILITY  
15275 WATER QUALITY, CRYPTOSPORIDIUM ACTION PLAN

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

15305 MILLS FILT PLT, FINAL DESIGN AND CONSTRUCTION OF WAREHOUSE  
15318 SAN DIEGO PPLN 3 BYPASS  
15334 DIAMOND VALLEY LAKE RESERVOIR RECREATION PLAN  
15346 CHLORINE CONTAINMENT & HANDLING FACILITY  
15363 DIEMER TP, SOLIDS HANDLING & WATER RECLAMATION  
15369 WEYMOUTH TREATMENT PLANT, CAPITAL IMPROVEMENT PROGRAM, PHASE I  
15379 YORBA LINDA FEEDERBYPASS  
15388 SKINNER FILT PLT, ORP  
15389 DIEMER FILT PLT, ORP  
15391 POWER RELIABILITY AND ENERGY CONSERVATION  
15410 SKINNER FILT PLT, EXPANSION 4  
15414 ALL FILTRATION PLANTS, FLOURIDATION SYSTEM  
15427 RIALTO PIPELINE IMPROVEMENTS  
15447 QUAGGA MUSSEL CONTROL PROGRAM  
15450 AGREEMENT WITH ALAMEDA CORRIDOR EAST CONSTRUCTION AUTHORITY  
1ST BBL 1ST SAN DIEGO AQUEDUCT CAPITAL OBLIGATION  
2ND BBL 1ST SAN DIEGO AQUEDUCT CAPITAL OBLIGATION  
2ND LWR FDR,W.ORANGE CNTY.FDR.INTERCONN.STRUCT.INSTALL.REM.CTRL.  
2ND S D AQUEDUCT:6 13" PIPE SIPHONS-STA. BET.244+04-979+32 (SCH SDXP)  
42" CONICAL PLUG VALVE REPLACEMENT  
A-02  
A-05  
A-06  
ACCESS ROAD FOR WEST VALLEY FEEDERS 1 & 2 UPPER PORTION OF EAST POTAL RD. IMPROV  
ACCUSONIC FLOW METER UPGRADE  
ACCUSTIC FIBER OPTIC MONITORING OF PCCP LINES  
ACOUSTIC FIBER MONITORING OF PCCP LINES  
ADVANCED WATER TREATMENT DEMONSTRATION FACILITY  
ALAMEDA CORRIDER-EAST (ACE) CONSTRUCTION AUTHORITY RELOCATION/ORANGE CTY FEEDER  
ALAMEDA CORRIDOR PIPELINE  
ALL AMERICAN COACHELLA LINING  
ALL FACILITIES - WATER DISCHARGE ELIMINATION  
ALL FACILITIES, INSPECTION AND REPLACEMENT OF CRITICAL VACUUM  
ALL FACILITIES, INSPECTION AND REPLACEMENT OF CRITICAL VACUUM VALVES  
ALL FEEDERS - MANHOLE LOCKING DEVICE RETROFIT  
ALL PUMP PLTS, REPL CO2 CYLINDERS, REHAB CONTROLS  
ALL PUMPING PLANTS - INSTALL HYPOCHLORINATION STATIONS  
ALLEN MCCOLLOCH PIPELINE 2010 REFURBISHMENT  
ALLEN MCCOLLOCH PIPELINE CATHODIC PROTECTION  
ALLEN MCCOLLOCH PIPELINE INTERCONNECTIONS  
ALLEN MCCOLLOCH PIPELINE LOCAL CONTROL MODIFICATIONS  
ALLEN MCCOLLOCH PIPELINE PCCP 2021 URGENT RELINING  
ALLEN MCCOLLOCH PIPELINE PCCP REHABILITATION- 2021 URGENT RELINING  
ALLEN MCCOLLOCH PIPELINE REPAIR  
ALLEN MCCOLLOCH PIPELINE REPAIR - CARBON FIBER LINING REPAIR  
ALLEN MCCOLLOCH PIPELINE REPAIR - SERVICE CONNECTIONS UPGRADES  
ALLEN MCCOLLOCH PIPELINE REPAIR - STATION 276+63  
ALLEN MCCOLLOCH PIPELINE REPAIR - SURGE SUPPRESSION SYSTEM AT OC88A  
ALLEN MCCOLLOCH PIPELINE REPAIR - VALVE ACTUATOR REPLACEMENTS  
ALLEN MCCOLLOCH PIPELINE REPAIR SERVICE CONNECTIONS SIMPLIFICATION  
ALLEN MCCOLLOCH PIPELINE REPAIRS, STAGE 2  
ALLEN MCCOLLOCH PIPELINE STRUCTURE - ROOF SLAB REPAIRS  
ALLEN MCCOLLOCH PIPELINE VALVE VAULT REPAIRS  
ALLEN MCCOLLOCH PIPELINE, 2010 URGENT REPAIRS  
ALLEN MCCOLLOCH PIPELINE, STA 208+00 TO 226+00  
ALLEN MCCOLLOCH PIPELINE, VALVE VAULT REPAIRS  
ALLEN MCCOLLOCH PPLN (AMP), FLOW CONTROL MODIFICATION  
ALLEN MCCOLLOCH PPLN STRUCTURE, ROOF SLAB REPAIRS  
ALLEN\_MCCOLLOCH PIPELINE (AMP) FLOWMETERS UPGRADE  
ALLEN-MCCOLLOCH CORROSION/INTERFERENCE MITIGATION, STATION 719+34 TO 1178+02  
ALLEN-MCCOLLOCH PIPELINE  
ALLEN-MCCOLLOCH PIPELINE OC-76 TURNOUT RELOCATION  
ALLEN-MCCOLLOCH PIPELINE PCCP CARBON FIBER JOINT REPAIRS  
ALLEN-MCCOLLOCH PIPELINE PCCP CARBON FIBER JOINT REPAIRS  
ALLEN-MCCOLLOCH PIPELINE PCCP REHAB. - PRELIMINARY DESIGN  
ALLEN-MCCOLLOCH PIPELINE PCCP REHABILITATION  
ALLEN-MCCOLLOCH PIPELINE REFURBISHMENT - STAGE 2  
ALLEN-MCCOLLOCH PIPELINE REPAIR  
ALLEN-MCCOLLOCH PIPELINE REPAIR, VALVE ACTUATOR (103289)  
ALLEN-MCCOLLOCH PIPELINE REPAIRS  
ALLEN-MCCOLLOCH PIPELINE VALVE AND SERVICE CONNECTION VAULT REPAIRS  
ALLEN-MCCULLOCH PIPELINE  
ALLEN-MCCULLOCH PIPELINE-DOWN PAYMENT  
A-MISC  
AMP - CURRENT YEAR  
AMP -SERVICE CONNECTIONS UPGRADES  
AMP -VALVE ACTUATOR REPLACEMENTS  
AMP CARBON FIBER LINING  
AMP COMPLETION RESOLUTION RIGHT OF WAY ISSUES  
AMP SERVICE CONNECTION UPGRADES  
AMP, BAKER INTERCONNECTIONS  
AMR - RTU UPGRADE - PHASE 2  
ANODE WELL REPLACEMENT FOR ORANGE COUNTY AND RIALTO FEEDERS  
APPIAN WAY VALVE REPLACEMENT



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

ARROW HIGHWAY PROPERTY DEVELOPMENT  
 ARROYO SECO SPILLWAY REVISION  
 ASPHALT REHABILITATION AT WEYMOUTH FINISHED WATER RESERVOIR  
 ASPHALT REPAIRS TO PERIMETER OF SEPULVEDA PCS  
 ASSESS THE CONDITION OF METROPOLITAN'S PRESTRESSED CONCRETE CYLINDER PIPE  
 ASSESS THE CONDITIONS OF MET'S  
 ASSESSMENT OF PRESTRESSED CONCRETE CYLINDER PIPELINES - PHASE 3  
 AULD VALLEY CONTROL STRUCTURE AREA FACILITIES  
 AULD VALLEY PIPELINE  
 AULD VALLEY PIPELINE, STA 74+98.55  
 AUTOMATED RESERVOIR WATER QUALITY MONITORING  
 AUTOMATIC METER READING SYSTEM - RTU UPGRADE PHASE 2  
 AUTOMATIC METER READING SYSTEM UPGRADE  
 AUTOMATIC METER READING UPGRADE  
 AUTOMATION COMMUNICATION UPGRADE  
 AUTOMATION DOCUMENTATION SURVEY F/A  
 AUXILIARY SPILLWAY AT SANTA ANA RIVER  
 B-02  
 B-03  
 B-05  
 BAR 97- ENHANCED AREA VEHICLE TESTING  
 BAR 97, ENHANCED AREA VEHICLE TESTING  
 BATTERY MONITORING SYSTEM FOR AUTOMATIC METER READING SYSTEM  
 BH-01  
 BH-02  
 BIXBY VALVE REPLACEMENT  
 BLACK METAL MOUNTAIN ELECTRICAL TRANSFORMER  
 BOX SPRING FEEDER REPAIR, PHASE 2  
 BOX SPRINGS FDR AND CONTROL STRUCTURE-PRESSURE CONTL STRUC  
 BOX SPRINGS FEEDER - PHASE I  
 BOX SPRINGS FEEDER AND CONTROL STRUCTURE-SCH 317  
 BOX SPRINGS FEEDER AND CONTROL STRUCTURE-SCH 318  
 BOX SPRINGS FEEDER BROKEN BACK REPAIR  
 BOX SPRINGS FEEDER BROKEN BACK REPAIR PHASE I  
 BOX SPRINGS FEEDER PHASE 3 AND 4 ENVIRONMENTAL MITIGATION  
 BOX SPRINGS FEEDER PHASE 3 AND 4 ENVIRONMENTAL MONITORING  
 BOX SPRINGS FEEDER REPAIR  
 BOX SPRINGS FEEDER REPAIR - PHASE II  
 BOX SPRINGS FEEDER REPAIRS PHASE 3 AND PHASE 4  
 BOX SPRINGS FEEDER SECTION REPLACEMENT, PHASE 3 AND PHASE 4  
 BOX SPRINGS FEEDER, STA 453+00 TO 466+00  
 BOX SPRINGS FEEDER-PROT STA 18+70 TO 19+30 & 21+05 TO 21+65  
 BOX SPRINGS FEEDER-PROT STA 18+70 TO 19+30 & 21+05 TO 21+66  
 BREA LATERAL  
 BURBANK LATERAL SCHEDULE 38SC  
 BURBANK LATERAL EXTENSION  
 C&D CRANE INSTALLATION AT OC-88 PUMPING PLANT  
 C-02  
 C-03  
 CA-01  
 CA-02  
 CAJALCO CREEK DAM MANHOLE COVER RETROFIT  
 CAJALCO CREEK DETENTION DAM  
 CAJALCO CREEK DETENTION DAM SPILLWAY ACCESS ROAD  
 CAL-01  
 CALABASAS FEEDER CARBON FIBER /BROKEN BACK REPAIR  
 CALABASAS FEEDER ENHANCEMENT  
 CALABASAS FEEDER INTERFERENCE MITIGATION  
 CALABASAS FEEDER PCCP REHABILITATION - PRELIMINARY DESIGN  
 CALABASAS FEEDER PCCP REHABILITATION  
 CALABASAS FEEDER REPAIR, STUDY  
 CALABASAS FEEDER STAGE 1 AND 2 REPAIRS  
 CALABASAS FEEDER STRAY CURRENT DRAIN STATION, CONST. PHASE  
 CANAL OUTLET AND SCREENING STRUCTURE (SCH 5)  
 CAPACITY FEE FROM CASTAIC LAKE WATER AGENCY FOR USE OF FOOTHILL FDR  
 CAPITAL PROGRAM FOR PROJECTS COSTING LESS THAN \$250,000  
 CAPITAL PROGRAM FOR PROJECTS COSTING LESS THAN \$250,000 FOR FY 2010/11  
 CAPITAL PROJECTS COSTING LESS THAN \$250,000 FOR FY2008-09  
 CARBON CREEK MAINTENANCE CENTER  
 CARBON CREEK PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
 CARBON CREEK PRESSURE CONTROL STRUCTURE SEISMIC ASSESSMENT  
 CARBON CREEK PRESSURE CONTROL STRUCTURE SEISMIC RETROFIT  
 CASA LOMA AND SAN DIEGO CANAL LINING STUDY - PART 2  
 CASA LOMA CANAL PANEL REPAIR  
 CASA LOMA CANAL, SCHEDULE 11C (SPEC NO. 554)  
 CASA LOMA SIPHON #1 & SAN JANCINTO PIPELINE PROTECTION  
 CASA LOMA SIPHON BARREL 1 & 2 DVL AND SD CANAL FLOW METER REPLACEMENT  
 CASA LOMA SIPHON BARREL NO. 1 - PERMANENT REPAIRS  
 CASA LOMA SIPHON BARREL NO. 1 JOINT REPAIR  
 CASA LOMA SIPHON NO 1, CASA LOMA CANAL & SAN DIEGO CANAL FLOW METER REPLACEMENT  
 CASA LOMA SIPHON NO. 1, CASA LOMA CANAL & SAN DIEGO CANAL FLOW METER REPLACEMENT  
 CASTAIC SIPHONS & PIPELINES(FOOTHILL FDR.) SCH. 201,203,204,206,207 & 209  
 CASTAIC, SAUGUS, PLACERITA TUNNELS  
 CAST-IRON BLOW OFF REPLACEMENT, PHASE 4

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

CATHODIC PROTECTION SYS & STRAY CURRENT RIALTO PPLNS  
 CATHODIC PROTECTION FOR THE FOOTHILL FEEDER  
 CATHODIC PROTECTION RECTIFIERS  
 CATHODIC PROTECTION SYS.UPGRADES FOR THE MIDDLE CROSS FEEDER  
 CATHODIC PROTECTION SYSTEM EAST ORANGE COUNTY FDR NO. 2  
 CATHODIC PROTECTION SYSTEM UPGRADES  
 CB-01  
 CB-03  
 CB-05  
 CB-07  
 CB-09  
 CB-10  
 CB-12  
 CB-16  
 CB-20 AND PM-26 FLOWMETER REPLACEMENT  
 CB-MISC  
 CCP-PHASE 2 CONSTRUCTION  
 CDAA REIMBURSABLE DECEMBER 2011 STORM DAMAGE  
 CDAF FLUORIDATION TREATMENT PLT  
 CDSRP - DISCHARGE ELIMINATION  
 CDSRP - ENTRAINED AIR IN UPPER FEEDER PIPELINE STUDY  
 CDSRP - SEPULVEDA FEEDER REPAIRS  
 CDSRP - SEPULVEDA TANKS RECOATING  
 CENB-01  
 CENB-02  
 CENB-04  
 CENB-05  
 CENB-06  
 CENB-07  
 CENB-08  
 CENB-09  
 CENB-10  
 CENB-11  
 CENB-12  
 CENB-13  
 CENB-14  
 CENB-15  
 CENB-16  
 CENB-17  
 CENB-18  
 CENB-20  
 CENB-21  
 CENB-22  
 CENB-23  
 CENB-24  
 CENB-25  
 CENB-26  
 CENB-27  
 CENB-28  
 CENB-29  
 CENB-30  
 CENB-31A  
 CENB-33  
 CENB-34  
 CENB-35  
 CENB-37  
 CENB-38  
 CENB-39  
 CENB-40  
 CENB-42  
 CENB-43  
 CENB-44  
 CENB-45  
 CENB-46  
 CENB-47  
 CENB-48  
 CENB-49  
 CENB-50  
 CENB-51  
 CENB-52  
 CENB-53  
 CENB-MISC  
 CENTRAL BASIN, 48 BUBBLER AREA ACCESS IMPROVEMENT  
 CENTRAL CONTROL SYSTEM - ORANGE COUNTY  
 CENTRAL POOL AUGMENTATION - TUNNEL AND PIPELINE & RIGHT-OF-WAY ACQUISITION  
 CENTRAL POOL AUGMENTATION (CPA) PROGRAM - PIPELINE AND TUNNEL ALIGNMENT  
 CENTRAL POOL AUGMENTATION AND WATER QUALITY PROJECT (CPAWQP)  
 CENTRALIZED CONTROL SYSTEM- EAGLE ROCK  
 CENTRALIZED CONTROL SYSTEM- GENERAL DESIGN  
 CHEMICAL INVENTORY AND USAGE REWRITE AND ELECTRICAL. SYSTEM LOG  
 CHEMICAL UNLOADING FACILITY RETROFIT  
 CHEVALIER FALCON MILLING MACHINE  
 CHINO BASIN MWD FACILITIES  
 CHLORAMINE BOOSTER STATION AT THREE LOCATIONS WITHIN THE TREATED WATER DISTRIBUTION SYSTEMS

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

CHUCKWALLA MONITORING WELLS  
CLWA-01T  
CM-02  
CM-04  
CM-05  
CM-06  
CM-07  
CM-08  
CM-09  
CM-11  
CM-12  
CM-13  
C-MISC  
COACHELLA CANAL LINING, ENVIRONMENTAL MITIGATION  
COASTAL JUNCTION BYPASS  
COASTAL JUNCTION REVERSE FLOW BYPASS  
COASTAL PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
COLLIS AVENUE VALVE REPLACEMENT  
COLLIS VALVE REPLACEMENT  
COLORADO RIVER AQUEDUCT CASA LOMA SIPHON BARREL NO. 1 PROJECT NO. 2 - PERMANENT REPAIRS  
COLORADO RIVER AQUEDUCT CASA LOMA SIPHON BARREL NO. 1 REPLACEMENT  
COLORADO RIVER AQUEDUCT CASA SIPHON  
COLORADO RIVER AQUEDUCT CONVEYANCE REALIABILITY, PHASE II RPRS AND INSTR  
COLORADO RIVER AQUEDUCT MILE 12 FLOW MONITORING STATION UPGRADES PROJECT  
COLORADO RIVER AQUEDUCT, HEAD GATES REHABILITATION  
COMMUNICATIONS EQUIPMENT MONITORING SYSTEM  
COMMUNICATIONS STRUCTURE ALARM MONITORING  
COMPREHENSIVE INFORMATION SECURITY ASSESSMENT PHASE III  
COMPTON LATERAL EXTENSION  
COMPTON LATERAL EXTENSION SCHEDULE 39A  
COMPTON LATERAL SCHEDULE 28SC  
CONE CAMP INTERTIE BYPASS PIPELINE REPAIR  
CONSTRUCTION OF HOUSING FACILITIES- 4 HOUSES ON DISTRIBUTION SYSTEM  
CONSTRUCTION PHASE 2  
CONTRACT & LITIGATION TASKS -CONTRACT # 1396  
CONTROL SYSTEM DATA STORAGE AND REPORTING  
CONTROL SYSTEM DRAWING & DOCUMENTATION UPDATE  
CONTROL SYSTEM ENHANCEMENT PROGRAM (CSEP) - DIGITAL SUBNET STANDARDIZATION  
CONTROL SYSTEM ENHANCEMENT PROGRAM IMPLEMENTATION  
CONTROL SYSTEMS AUTOMATION COMMUNICATION UPGRADE  
CONTROLS COMMUNICATIONS FRAME RELAY CONVERSION - APPROPRIATED  
CONVERSION OF DEFORMATION SURVEY MONITORING AT GENE WASH, COPPER BASIN, AND DIEMER BASIN 8  
CONVEYANCE & DISTRIBUTION SYSTEM REHAB, PHASE II  
CONVEYANCE AND DISTRIBUTION SYSTEM - REHABILITATION PROGRAM  
CONVEYANCE AND DISTRIBUTION SYSTEM ELECTRICAL STRUCTURES REHABILITATION  
CONVEYANCE AND DISTRIBUTION SYSTEM HYDAULIC PILOT VALVE STANDARIZATION  
CONVEYANCE AND DISTRIBUTION SYSTEM REHABILITATION PROGRAM (CDSRP) - CURRENT DRAIN STATIONS  
COOPER BASIN SECURITY NETWORK CONNECTIVITY  
COPPER BASIN ICS  
COPPER BASIN INTERIM CHLORINATION SYSTEM  
COPPER BASIN SODIUM HYPOCHLORITE TANK REPLACEMENT  
CORONA POWER PLANT REPLACE EMERGENCY GENERATOR  
CORROSION MATERIALS TESTING FACILITY SCADA UPGRADE  
COTTAGE AT COYOTE CREEK  
COTTAGE AT SANTA ANA CANYON HOUSE #110-D  
COVINA PCS UPGRADES  
COVINA PRESSURE CONTROL FACILITY  
COVINA PRESSURECONTROL FACILITY  
COYOTE CREEK HEP/PCS EMERGENCY STANDBY GENERATOR  
COYOTE CREEK NORTHERN PERIMETER LANDSCAPING  
COYOTE CREEK PRESSURE CONTROL STRUCTURE  
COYOTE PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
CPA PIPELINE & TUNNEL ALIGNMENT  
CPA PIPELINE & TUNNEL ALIGNMENT - NON FUNDED PORTION  
CPA PIPELINE & TUNNEL ALIGNMENT - STUDY  
CPA WATER TREATMENT PLANT - NON FUNDED PORTION  
CPA WATER TREATMENT PLANT - RIGHT OF WAY - PHASE 2  
CPAWQP - PHASE 2  
CPAWQP - STUDY AND LAND ACQUISITION - CONTINGENCY  
CPAWQP - STUDY AND LAND ACQUISITION - PIPELINE & TUNNEL ALIGNMENT - STUDY  
CPAWQP - STUDY AND LAND ACQUISITION - RIGHT-OF-WAY-ACQUISITION  
CPAWQP - STUDY AND LAND ACQUISITION - WATER TREATMENT PLANT - RIGHT OF WAY - PHASE 2  
CPAWQP - STUDY AND LAND ACQUISITION - WATER TREATMENT PLANT - STUDY  
CRA - PC-1 EFFLUENT OPEN CHANNEL TRASH RACK  
CRA ACQUEDUCT ISOLATION GATES REPLACEMENT  
CRA CABAZON & POTRERO SHAFT COVERS  
CRA CHOLLA WASH CUT AND COVER CONDUIT LINING  
CRA CONTROL INTEGRATION  
CRA HOUSING IMPROVEMENTS - RENOVATION OF HOUSES  
CRA PROTECTIVE SLAB AT STATION 805+00 (MM14.3)  
CRA PROTECTIVE SLAB AT STATION 9704+77  
CRA WHITEWATER TUNNEL 2, STA 9710+00 TO 9780+00  
CRA, STA 9480+00 TO 9530+00  
CRA-WHIEWATER EROSION PROTECTION STRUCTURE

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

CRITICAL LOCK IDENTIFICATION AND CHANGE-OUT  
 CROSS CONNECTION PREVENTION PROGRAM - PHASE II CONSTRUCTION  
 CROSS CONNECTION PREVENTION PROGRAM, PHASE II CONSTRUCTION  
 CROSS CONNECTION PREVENTION PROJECT, COMPLETE PRELIM DESIGN  
 CROSS CONNECTION PREVENTION PROJECT, COMPLETE PRELIMINARY DESIGN AND CEQA DOCUMENTATION  
 CRW FOR REPLENISHMENT AT USG3  
 CSEP - ELECTRONIC SYSTEM LOG (ESL)  
 CSEP - ENERGY MANAGEMENT SYSTEM PHASE II  
 CSEP - ENHANCED DISTRIBUTION SYSTEM CONTROL PROJECT  
 CSEP - IMPLEMENTATION  
 CSEP - OPERATIONS & BUSINESS DATA INTEGRATION PILOT  
 CSEP - PLANT INFLUENT REDUNDANT FLOW METERING AND SPLITTING  
 CSEP - PLC PHASE 2 - LIFE-CYCLE REPLACEMENT  
 CSEP - PLC STANDARDIZATION  
 CSEP - PLC STANDARDIZATION PHASE II  
 CSEP - POWER MANAGEMENT SYSTEM  
 CSEP - WATER PLANNING APPLICATION  
 CSEP IMPLEMENTATION  
 CSEP- SMART OPS (FORMERLY REAL TIME OPERATIONS SIMULATION)  
 CULVER CITY FEEDER: STA.0+12.07 TO 261+00, SCH. 62, 63,64 (SPEC NO. 512)  
 CURRENT DRAIN STATIONS  
 CWE, \$4.67M CAPITAL COSTS TO BE PAID BY MWD  
 DAM REHABILITATION & SAFETY IMPROVEMENTS ST. JOHN'S CANYON CHANNEL EROSION MITIGATION  
 DANBY TOWER FOUNDATION INVESTIGATION AND SHORT TERM MITIGATION  
 DARBY TOWERS FOUNDATION REHABILITATION  
 DECEMBER STORM DAMAGE 2010 FEMA DR 1952  
 DELTA PROPERTIES INFRASTRUCTURE IMPROVEMENTS  
 DEODERA PCS PAVEMENT UPGRADE & BETTERMENT  
 DESERT BRANCH - REPLACE STOLEN COPPER GROUND WIRE FOOTINGS/GROUNDING, AND COPPER PIPING  
 DESERT BRANCH PUMP PLANT AUXILIARY (STATION SERVICE)  
 DESERT BRANCH, PURCHASE & INSTALL 5 PORT VIDEO CONFERENCING  
 DESERT FACILITIES DOMESTIC WATER GAC SYSTEM INSTALLATION  
 DESERT HIGH VOLTAGE TRANSMISSION TOWERS - REPLACE COPPER GROUND WIRES ON  
 DESERT PUMP PLANTS, REPLACE AUXILIARY TRANSFORMERS (103102)  
 DETAIL SEISMIC EVALUATION OF WATER STORAGE TANK  
 DETAILED RELIABILITY IMPROVEMENTS OF THE LOS ANGELES COUNTY OPERATING REGION  
 DETAILED RELIABILITY IMPROVEMENTS OF THE ORANGE COUNTY OPERATING REGION - STAGE 1  
 DFP - ELIMINATE BACKUP GENERATOR TIE-BUS & INSTALL MANUAL TRANSFER SWITCH FOR CHLORINE SCRUBBER  
 DIAMOND VALLEY LAKE VISITORS CENTER BUILDING IMPROVEMENTS  
 DIEMER CHLORINE MASS FLOW METER REPLACEMENT  
 DIEMER FACILITY & VEHICLE PLANT DESIGN  
 DIEMER FEMA FIRE DAMAGE  
 DIEMER FILTR. PLANT- REPLACE TURBINE DEEP WELL PUMP  
 DIEMER FILTRATION PLANT - SLOPE REPAIR  
 DIEMER MAIN ROAD REBURBISHMENT  
 DIEMER MAIN ROAD REFURBISHMENT  
 DIEMER OZONE COOLING WATER ALTERNATIVE SOURCE  
 DIEMER PLANT INFLUENT FLOWMETER  
 DIEMER PLANT NORTH STORM DRAIN REPLACEMENT (103132)  
 DIEMER PLANT, ENTRANCE RELOCATION  
 DIEMER PLANT, HABITAT CONSERVATION  
 DIEMER PLANT, NORTHWEST HILL  
 DIEMER PLANT, WEST AREA SITE GRADING  
 DIEMER PLT-POWER DIST.CTR.FOR 2ND LOWER FDR. & E.ORANGE CTY.FEEDER  
 DIEMER USED WASHWATER PUMP STATION PHASE II  
 DIEMER, REPLACE WILLOWGLEN RTU  
 DIRECTIONAL SIGNS FOR DIAMOND VALLEY LAKE FACILITY  
 DISCHARGE ELIMINATION  
 DISCOUNTS & LIQUIDATING DAMAGES ON E & A WB-1 (SPEC NO. 524)  
 DIST SYS-AIR RELEASE & VAC VALVE MODS  
 DISTN SYSTEM REPLACE AREA CONTROL SYSTEMS  
 DISTN SYSTEM SPILL CONTAINMENT & REMEDIATION  
 DISTN SYSTEM TYPE  
 DISTN SYSTEM, STATIONARY CORROSION REFERENCE ELECTRODES  
 DISTRIBUTION PIPELINES  
 DISTRIBUTION SYS - TYPE "M" METER REPLACEMENT  
 DISTRIBUTION SYS - TYPE "M" METER REPLACEMENT (RETIREMENT)  
 DISTRIBUTION SYSTEM - CCPP CONSTRUCTION PACKAGES 9,11,12  
 DISTRIBUTION SYSTEM - METRO GREENLINE ELECTROLYSIS MONITORING  
 DISTRIBUTION SYSTEM - STANDPIPE STRENGTHENING PROGRAM  
 DISTRIBUTION SYSTEM - STATIONARY CORROSION REFERENCE  
 DISTRIBUTION SYSTEM - TREATED WATER CROSS CONNECTION PREVENTION PROJECT - FINAL DESIGN & CONSTRUCTION  
 DISTRIBUTION SYSTEM AIR RELEASE AND VAC VALVE MODS  
 DISTRIBUTION SYSTEM ASSESSMENTS/UPGRADES OF LOS ANGELES COUNTY  
 DISTRIBUTION SYSTEM ASSESSMENTS/UPGRADES OF RIVERSIDE AND SAN DIEGO COUNTY  
 DISTRIBUTION SYSTEM ASSESSMENTS/UPGRADES OF SAN BERNARDINO COUNTY  
 DISTRIBUTION SYSTEM CONTROL & EQUIP UPGRADE - ENHANCED DISTRIB. SYSTEM AUTOMATION PHASE I  
 DISTRIBUTION SYSTEM EQUIPMENT & INSTRUMENTATION UPGRADES  
 DISTRIBUTION SYSTEM EQUIPMENT AND INSTRUMENTATION UPGRADES  
 DISTRIBUTION SYSTEM INFRASTRUCTURE PROTECTION IMPROVEMENTS FOR ORANGE COUNTY  
 DISTRIBUTION SYSTEM ONLINE ANALYZERS REPLACEMENT  
 DISTRIBUTION SYSTEM REHABILITATION PROGRAM - ASSESS THE STATE OF MWD'S DISTRIBUTION SYSTEM  
 DISTRIBUTION SYSTEM RELIABILITY  
 DISTRIBUTION SYSTEM REPLACEMENT OF AREA CONTROL SYSTEMS - WILLOWGLEN RTUS ADMINISTRATION

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

DISTRIBUTION SYSTEM REPLACEMENT OF AREA CONTROL SYSTEMS (DSRACS)  
DISTRIBUTION SYSTEM, CCPP CONSTRUCTION PACKAGES 9, 11, 12  
DISTRIBUTION SYSTEM, TREATED WATER CROSS CONNECTION PREVENTION PROGRAM  
DISTRIBUTION SYSTEM, TREATED WATER CROSS CONNECTION PREVENTION PROJECT\_FINAL DESI  
DISTRIBUTION SYSTEM-REPLACE FLOWMETERS  
DISTRIBUTION SYSTEM-REPLACE FLOWMETERS (RETIREMENT)  
DISTRIBUTION SYSTEM-REPLACE MECHICAL METERS  
DISTRIBUTION SYSTEM-REPLACE MECHICAL METERS - PHASE 2 (RETIREMENT)  
DISTRICT WIDE - ENHANCED VAPOR RECOVERY PHASE 2 GASOLINE DISPENSING  
DOMINGUEZ CHANNEL PRESSURE RELIEF STRUCTURE IMPROVEMENTS  
DROUGHT RESPONSE WESTSIDE PUMP STATION  
DSRACS - OPERATIONS CONTROL CENTER - CONTRACT #1396  
DSRACS - SKINNER AREA  
DSRACS - SOFTWARE DEVELOPMENT COST  
DSRACS - WEYMOUTH  
DVL & CONTROL SYSTEM REPLACEMENT INVESTIGATION & PREPARATION FOR PRELIMINARY DESIGN  
DVL QUAGGA MUSSEL CONTROL FACILITY  
DVL VIEWPOINT ROAD SECURITY UPGRADES  
DVL VISITOR CENTER EXTERIOR LIGHTING REPLACEMENT  
DVL, WORK PACKAGE 3, SAN DIEGO CANAL RELOCATION  
DVL, WORK PACKAGE 46, SAN DIEGO PIPELINE  
DWCV-01  
DWCV-5  
DWR-LAKE PERRIS DISSOLVED OXYGEN ENHANCEMENT PROJ  
EAGLE EQUIPMENT WASH AREA UPGRADE  
EAGLE MOUNTAIN POOL REFURBISHMENT  
EAGLE ROCK - ASPHALT REHABILITATION  
EAGLE ROCK - FIRE PROTECTION AT THE WESTERN AREA OF THE EAGLE ROCK CONTROL CENTER PERIMETER GROUNDS  
EAGLE ROCK CANYON CROSSING SCHEDULE 12C  
EAGLE ROCK CHLORINE STATION  
EAGLE ROCK CONNECTION AND LATERAL SCHEDULE 12P (SPEC NO. 395)  
EAGLE ROCK CONTROL BUILDING  
EAGLE ROCK CONTROL BUILDING SECOND STORY STRUCTURE  
EAGLE ROCK CONTROL CENTER FIREHYDRANT  
EAGLE ROCK CONTROL TOWER CATHOTIC PROTECTION REHABILITATION  
EAGLE ROCK LATERAL INTERCONNECTION REPAIR  
EAGLE ROCK MAIN BUILDING ROOF REPLACEMENT  
EAGLE ROCK MAIN BUILDING ROOF REPLACEMENT - STUDY  
EAGLE ROCK OCC - REHAB CONTROL ROOM  
EAGLE ROCK OPERATION CONTROL CENTER & INCIDENT COMMAND CENTER ROOF REPLACEMENT  
EAGLE ROCK OPERATIONS CONTROL CENTER  
EAGLE ROCK RESIDENCE CONVERSION  
EAGLE ROCK TOWER AND PUDDINGSTONE SPILLWAY GATES REHABILITATION  
EAGLE ROCK TOWER DISTRIBUTION SYSTEM UPGRADES  
EAGLE ROCK TOWER SLIDEGATE REHABILITATION  
EAGLE ROCK TOWER, SLIDE GATES REHABILITATION  
EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 21SC  
EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 22SC  
EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 23SC  
EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 24SC  
EAGLE ROCK-PALOS VERDES FEEDER SCHEDULE 25SC  
EAST INFLUENT CHANNEL REPAIR PROJECT  
EAST LAKE SKINNER BYPASS AND BYPASS NO.2 SCREENING STRUCTURE UPGRADE (SUSPENSE)  
EAST OC FEEDER NO. 2 SERVICE CONNECTION A-06  
EAST ORANGE COUNTY FDR NO.2, PRELIMINARY ENGINEERING  
EAST ORANGE COUNTY FDR. DISSIPATOR STRUCTURE  
EAST ORANGE COUNTY FEEDER #2 REPAIR  
EAST ORANGE COUNTY FEEDER #2 SEISMIC RETROFIT  
EAST ORANGE COUNTY FEEDER NO. 2 SERVICE CONNECTION A-6 REHABILITATION  
EAST ORANGE COUNTY FEEDER NO.2- MWD'S PORTION  
EAST ORANGE COUNTY FEEDER, SCHEDULE 81P  
EAST ORANGE COUNTY FEEDER, STA 990+00 TO 1100+00  
EAST VALLEY FEEDER (FORMERLY CALLEGUAS CONDUIT)  
EAST VALLEY FEEDER -RELOCATION AT HOLLYWOOD WAY  
EAST VALLEY FEEDER- STRUCTURE MODIFICATIONS  
EAST VALLEY FEEDER VALVE STRUCTURE ELECTRICAL UPGRADE  
EAST VALLEY FEEDER, STA 649+00 TO 664+00  
EASTERN AND DESERT REGIONS PLUMBING RETROFIT  
EASTERN METROPOLITAN WATER DISTRICT FACILITIES  
EASTERN REGION DISTR SYS CATHODIC PROTECTION REMOTE MONITORING REFURBISHMENT  
EASTERN REGION PCCP JOINT MODIFICATION 2012  
EASTERN REGION PCCP JOINT MODIFICATIONS  
E-DISCOVERY STORAGE MANAGEMENT SYSTEM UPGRADE  
EGIS INFRASTRUCTURE UPGRADE  
ELECTRIC CURRENT DRAIN STATION INSTALLATIONS  
ELECTRICAL SERVICE- LOWER FEEDER CONTROL TOWER  
ELECTRICAL UPGRADES AT 15 STRUCTURES IN THE ORANGE COUNTY REGION (STAGE 1)  
ELECTRICAL UPGRADES AT 15 STRUCTURES, OC REGION  
ELECTROMAGNETIC INSPECTION OF PCCP LINES  
ELECTROMAGNETIC INSPECTIONS OF PCCP LINES  
ELECTRONIC SYSTEM LOG (ESL)  
EM-01  
EM-04A  
EM-05

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

EM-08  
EM-10  
EM-11  
EM-12A  
EM-12B  
EM-13  
EM-14  
EM-17  
EM-18  
EM-19  
ENCASEMENT OF P.V. FEEDER- SAN BERNARDINO FREEWAY  
ENERGY MANAGEMENT SYSTEM - PHASE 2  
ENHANCED DISTRIBUTION SYSTEM AUTOMATIC FLOW TRANSFERS SOFTWARE REDEVELOPMENT  
ENHANCED DISTRIBUTION SYSTEM AUTOMATION PHASE I  
ENHANCED DISTRIBUTION SYSTEM AUTOMATION PHASE II  
ENHANCED DISTRIBUTION SYSTEM CONTROL  
ENLARGE FOOTHILL FEEDER CONTROL STRUCTURE  
ENTRY CONTROL POINT STANDARDIZATION AND PERIMETER DEFENSE STUDY  
ENVIRONMENTAL REGULATORY AGREEMENTS AND OTHER REGULATORY AGENCY  
EOCF2 OC-44B VALVE REPLACEMENT STA. 1239+29  
EQUIPMENT - 1ST SAN DIEGO AQUEDUCT  
EQUIPMENT UPGRADE AT THE NORTH PORTAL OF THE HOLLYWOOD TUNNEL  
ETIWAND PPLN-REPLACE TURNOUT STRUCTURE  
ETIWANDA / RIALTO PIPELINE INTER-TIE CATHODIC PROTECTION  
ETIWANDA AUTOMATIC VOLTAGE REGULATOR REPLACEMENT  
ETIWANDA CAVITATION FACILITY INFRASTRUCTURE REHABILITATION  
ETIWANDA CAVITATION TEST FACILITY COMMUNICATION AND CONTROL SYSTEM REPLACEMENT  
ETIWANDA HEP NEEDLE VALVE OPERATORS  
ETIWANDA PIPELINE - LINING REPLACEMENT  
ETIWANDA PIPELINE - RIALTO PIPELINE TO UPPER FEEDER  
ETIWANDA PIPELINE AND CONTROL FACILITY - RIGHT OF WAY  
ETIWANDA PIPELINE AND CONTROL FACILITY - AS BUILTS  
ETIWANDA PIPELINE AND CONTROL FACILITY - CATHODIC PROTECTION  
ETIWANDA PIPELINE AND CONTROL FACILITY - EMERGENCY DISCHARGE CONDUITS  
ETIWANDA PIPELINE AND CONTROL FACILITY - LANDSCAPING AND IRRIGATION  
ETIWANDA PIPELINE AND CONTROL FACILITY - RESIDENCES  
ETIWANDA PIPELINE AND CONTROL FACILITY - RIALTO FEEDER TO UPPER PIPELINE  
ETIWANDA PIPELINE CATHODIC PROTECTION  
ETIWANDA PIPELINE LINING REPAIRS  
ETIWANDA PIPELINE LINING REPLACEMENT  
ETIWANDA PIPELINE LINING REPLACEMENT - STAGE 3  
ETIWANDA PIPELINE RELINING - PHASE 3  
ETIWANDA PIPELINE SOUTH - STA. 332+00 TO 349+00 & UPPER FEEDER - STA. 1078+00 TO 1083+00 PROTECTION  
ETIWANDA PUMP STATION  
ETIWANDA RESERVOIR - EXTEND OUTLET STRUCTURE  
ETIWANDA TEST FACILITY  
EXPIRED AND/OR MISC. LAND COSTS TRANSFERRED FROM LAND (12105)  
F-01 CHECK VALVE REPLACEMENT  
F-02  
F-03  
F-04  
F-05  
F-06  
F-08  
F-09  
FACILITY AND PROCESS RELIABILITY ASSESSMENT  
FAIRPLEX AND WALNUT PCS VALVES REPLACEMENT  
FEMA 2005 STORM DAMAGE, EASTERN REGION  
FEMA 2005 STORM DAMAGE, WESTERN REGION  
FEMA CORROSION CONTROL EQUIPMENT  
FEMA FLOW CONTROL STRUCTURE  
FEMA OLINDA PRESSURE CONTROL FACILITY  
FEMA PROJECT 700049  
FEMA PROJECT 701208  
FEMA PROJECT 701211  
FEMA PROJECT 701222  
FEMA PROJECT 701223  
FEMA PROJECT 701269  
FEMA PROJECT 701271  
FEMA PROJECT 701273  
FEMA PROJECT 701274  
FEMA PROJECT 701277  
FEMA PROJECT 701278  
FEMA PROJECT 701279  
FEMA PROJECT 701281  
FEMA PROJECT 701285  
FEMA PROJECT 701287  
FEMA PROJECT 701288  
FEMA PROJECT 701289  
FEMA PROJECT 701303  
FEMA PROJECT 701323  
FEMA PROJECT 701381  
FEMA PROJECT 701485  
FEMA PROJECT 701487



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

FEMA PROJECT 701510  
FEMA PROJECT 701538  
FEMA PROJECT 701623  
FEMA PROJECT 701628  
FEMA PROJECT 701631  
FEMA PROJECT WORKSHEET PW 1019  
FEMA RED MT. HYDRO PLANT  
FEMA SANTA ANA RIVER BRIDGE CROSSING  
FIELD FACILITY-PURCHASE SIGNS FO AMERICANS W/DISABILITIES  
FILTER ISOLATION GATE AND BACKWASH CONTROL WEIR COVERS MODULES 1- 6  
FIRST SAN DIEGO ACQUEDUCT- REPLACE SLIDE GATES  
FIVE DELIVERY CONNECTION WEST BASIN  
FLEET MANAGEMENT SYSTEM  
FLOW METER MODIFICATION  
FLOW METER REPLACEMENT  
FLOW METER REPLACEMENT PROJECT  
FLOWMETER MODIFICATION - LAKE SKINNER INLET, ETIWANDA EFFLUENT & WADSWORTH CROSS CHANNEL  
FM-01  
FOOTHILL & SEPULVEDA FEEDER PCCP CARBON FIBER JOINT REPAIRS  
FOOTHILL AND SEPULVEDA FEEDER PCCP CARBON FIBER JOINT REPAIRS  
FOOTHILL AREA STUDY  
FOOTHILL FDR., RIALTO PIPELINE-CONSTN. OF CHLORINE DIFFUSION STRUCTURE  
FOOTHILL FDR.-SCH.269 & 270, PIPELINE ,HERMOSA AVE. TO CITRUS AVE.  
FOOTHILL FDR.-SCH.271 & 272, PIPELINE CITRUS AVE. TO DWR. DEVIL CANYON  
FOOTHILL FEEDER - CASTAIC VALLEY BLOW-OFF VALVES REPLACEMENT  
FOOTHILL FEEDER - MAGAZINE CANYON SITE IMPROVEMENT  
FOOTHILL FEEDER ACOUSTIC FIBER OPTIC PCCP MONITORING SYSTEM  
FOOTHILL FEEDER ADEN AVE REHABILITATION  
FOOTHILL FEEDER ADEN AVE. REHABILITATION  
FOOTHILL FEEDER CARBON FIBER REPAIR  
FOOTHILL FEEDER CATHODIC PROTECTION  
FOOTHILL FEEDER CONTROL STRUCTURE  
FOOTHILL FEEDER HYDROELECTRIC PLANT RUNNER REPLACEMENT  
FOOTHILL FEEDER MAGAZINE CANYON SHAFT  
FOOTHILL FEEDER PCS VALVE REPLACEMENT  
FOOTHILL FEEDER PIPELINE REPLACEMENT PROJECT  
FOOTHILL FEEDER POWER PLANT EXPANSION  
FOOTHILL FEEDER REPAIR @ SANTA CLARITA RIVER  
FOOTHILL FEEDER RIALTO PIPELINE- SCH 268 (CAMPUS AV. TO HERMOSA AV.)  
FOOTHILL FEEDER RIALTO PIPELINE- SCH. 264 & 265(SAN DIMAS TO THMP.CRK)  
FOOTHILL FEEDER RIALTO PIPELINE- SCH. 266 & 267  
FOOTHILL FEEDER- SAN FERNANDO TUNNEL  
FOOTHILL FEEDER, CARBON FIBER REPAIRS  
FOOTHILL FEEDER, DALTON ADIT  
FOOTHILL FEEDER, SAN DIMAS WASH  
FOOTHILL FEEDERSYSTEM- SAN DIMAS FACILITIES, 2ND STAGE  
FOOTHILL FOR SAN FERNANDO TNL-GATE STRCTR LIGHTING & ALARM SYSTEM  
FOOTHILL HYDROELECTRIC RUNNER REPLACEMENT  
FOOTHILL PCS - UNINTERRUPTIBLE POWER SOURCE SYSTEMS INSTALLATION  
FOOTHILL PCS FLOOD PUMP INSTALLATION DESIGN DOCUMENTATION  
FOOTHILL PCS INTERNAL VALVE LINERS UPGRADE  
FOOTHILL FEEDER EXPOSURE  
FUEL MANAGEMENT SYSTEM  
FUTURE SYSTEM RELIABILITY PROGRAM  
G-02  
G-03  
GARVEY RESERVOIR - HYPOCHLORITE FEED SYSTEM  
GARVEY RESERVOIR - INSTALL HYPOCHLORINATION STATIONS  
GARVEY RESERVOIR - LOWER ACCESS PAVING ROAD & DRAINS  
GARVEY RESERVOIR CONTROL VALVES REPLACEMENT  
GARVEY RESERVOIR HYPOCHLORITE FEED SYSTEM  
GARVEY RESERVOIR SITE DRAINAGE REPAIRS AND MODIFICATIONS  
GARVEY RESERVOIR SODIUM HYPOCHLORITE FEED SYSTEM REHABILITATION  
GARVEY-ASCOT CROSS CONN: STA. 134+00 TO 147+00 (SPEC NO. 401 & 410)  
GARVEY-ASCOT CROSS FEEDER- REPLACE VALVE  
GATE NO 3 - 1ST SAN DIEGO AQUEDUCT  
GENE & IRON POOLS  
GENE AIR CONDITIONING SYSTEM REPLACEMENT  
GENE AIR CONDITIONING SYSTEM REPLACEMENT (103562)  
GENE MESS HALL AIR CONDITIONING UNIT  
GENE SPARE PARTS WAREHOUSE IMPROVEMENTS  
GLENDALE 01 SERVICE CONNECTION REHAB  
GLENDALE-01 SERVICE CONNECION REHABILITATION AND UPGRADE  
GLENDALE-01 SERVICE CONNECTION REHABILITATION  
GLENORA TUNNEL  
GLENORA TUNNEL- CORROSION CNTRL SYS  
GREG AVE PCS FACILITY REHABILITATION  
GREG AVE. PCS-SURGE TANK, REPLACE INTERIOR LINING  
GREG AVENUE CONTROL STRUCTURE VALVE REPLACEMENT  
GREG AVENUE CONTROL STRUCTURE VALVE REPLACEMENT (103265)  
GREG AVENUE PCS - PUMP MODIFICATIONS AND NEW CONTROL BUILDING  
GREG AVENUE PCS CONTROL BUILDING INTERIOR REHABILITATION  
GREG AVENUE PCS- SURGE TANK, REPLACE INTERIOR LINING  
HINDS GARAGE ASBESTOS SHEETING REPLACEMENT

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

HOLLYWOOD TUNNEL (SPEC NO. 329)  
HOLLYWOOD TUNNEL NORTH PORTAL EQUIPMENT UPGRADES  
HOUSE AT EAGLE ROCK  
HOUSE AT NORTH PORTAL OF HOLLYWOOD TUNNEL  
HR IMPROVEMENT PLANT PROJECT - PHASE II  
HVAC MODIFICATIONS FOR ELECTRICAL SAFETY AND RELIABILITY  
HYDRAULIC MODELING PROJECT  
HYDROELECTRIC PLANT CARBON DIOXIDE (CO2) FIRE SUPPRESSION SYSTEM MODIFICATIONS  
HYDROELECTRIC POWER PLANT (HEP) DISCHARGE ELIMINATION  
IAS PROJECTS - CPA  
IAS PROJECTS - DVL-SKINNER  
IAS PROJECTS - MILLS SUPPLY RELIABILITY  
IMPROVEMENTS TO PUDDINGSTONE SPILLWAY ON UPPER FEEDER  
INLAND FEEDER AND LAKEVIEW PIPELINE INTERTIE  
INLAND FEEDER RIALTO FEEDER INTERTIE  
INLAND FEEDER TO CITRUS RESERVOIR AND PUMP STATION INTERCONNECTIONS  
INLAND FOR SYSTEM- BOX SPRINGS FEEDER  
INLAND PCSUST REMOVAL & AST INSTALLATION  
INSPECTION OF THE ALLEN-MCCOLLOCH PIPELINE  
INSTALL FLOWMETER INST. AT DEVIL CANYON/ RIALTO  
INSTALL MOTION SENSORS IN NEW EXPANSION  
INSTALL TEST LEADS AT FOUR LOCATIONS  
INSTALL TEST STATIONS ON 32 BURIED INSULATION JOINTS  
INSULATION JOINT TEST STATIONS  
INTAKE PUMPING PLANT - UNDER FREQUENCY PROTECTION RELAY UPGRADE  
INTAKE ROAD- WIDEN BRIDGE  
INTERCONNECT & PRESURE CONTROL STRUCTURE AT LOWER & OC FDR.  
INTERCONNECT EAST ORANGE COUNTY FDR. NO.2 & ORG COUNTY FDR. (SPEC #681)  
IOC - 2ND BBL 1ST SAN DIEGO AQUEDUCT  
IOC - 2ND LOWER & W ORANGE CO FEEDERS, INTERCONNECT STRUCTURE REMOTE CONTROL  
IOC - ACCUSONIC FLOW METER UPGRADE  
IOC - ALLEN MCCOLLOCH PIPELINE REPAIR  
IOC - ALLEN-MCCOLLOCH PIPELINE  
IOC - AULD VALLEY PIPELINE  
IOC - BOX SPRINGS FEEDER FABRICATION & INSTALLATION OF STEEL PIPE  
IOC - CATHODIC PROTECTION, EAST ORANGE COUNTY FDR 2  
IOC - CENTRALIZED CONTROL SYSTEM  
IOC - DIEMER HABITAT CONSERVATION PLAN  
IOC - DISTN SYSTEM REPLACE AREA CONTROL SYSTEMS  
IOC - DISTN SYSTEM SPILL CONTAINMENT & REMEDIATION  
IOC - DISTRIBUTION SYS TYPE "M" METER REPLACEMENT  
IOC - DISTRIBUTION SYSTEM, MULTIPLE ADDRESS SPECTRUM SYSTEM  
IOC - EAGLE ROCK OPERATIONS CONTROL CENTER  
IOC - EAST VALLEY FEEDER, RELOCATION AT HOLLYWOOD WAY  
IOC - EAST VALLEY FEEDER, STRUCTURE MODIFICATIONS  
IOC - ENLARGE FOOTHILL FEEDER CONTROL STRUCTURE  
IOC - ETIWANDA PIPELINE CATHODIC PROTECTION  
IOC - FOOTHILL FDR, ELEC PWR BLOWOFF/CHLOR STRUCTURE  
IOC - FOOTHILL FEEDER, SAN FERNANDO TUNNEL, GATE STRUCTURE LIGHTING & ALARM SYST  
IOC - GREG AVENUE PCS, SURGE TANKS, REPLACE INTERIOR LINING  
IOC - INSPECTION OF THE ALLEN-MCCOLLOCH PIPELINE  
IOC - INTAKE ROAD, WIDEN BRIDGE  
IOC - JENSEN FILT PLANT, NEW INFLUENT CONDUIT  
IOC - LA VERNE FACILITIES, MATERIAL TESTING LABORATORY MODIFICATION  
IOC - LA VERNE FACILITY, CORROSION MATERIAL TEST PLANT  
IOC - LA VERNE MATERIAL TEST LAB, REPLACE COOLING SYSTEM  
IOC - LAKE PERRIS BYPASS PIPELINE  
IOC - LAKE PERRIS PUMPBACK FACILITY  
IOC - LAKE PERRIS PUMPBACK FACILITY EXPANSION  
IOC - LOW LEVEL TEHACHAPI TUNNEL, FEASIBILITY STUDY  
IOC - LOWER FEEDER PROTECTION, IMPERIAL HWY AT ATSF RR TRACKS, SANTA FE SPRNGS  
IOC - LOWER FEEDER, RELOCATE AT IMPERIAL HIGHWAY, STA 2163+50  
IOC - MILLS FILT PLT, ADMIN BLDG EXPANSION  
IOC - MILLS PLANT, SERVICE CONNECTION WR-24A TURNOUT STRUCTURE  
IOC - MINOR CAPITAL PROJECTS FY 1988/89 - INGLEWOOD LATERAL  
IOC - MINOR CAPITAL PROJECTS, BOX SPRINGS FDR, INSTALL CHLORINE DIFUSER  
IOC - MINOR CAPITAL PROJECTS, YORBA LINDA FEEDER  
IOC - MWD SHARE OF DESIGN AND CONSTRUCTION OF SC LA-35  
IOC - NEWHALL TUNNEL STEEL LINER  
IOC - NEWHALL TUNNEL, INSTALL LINER  
IOC - NEWHALL TUNNEL, LINER REPAIR  
IOC - OLINDA PCS VIBRATION STUDY  
IOC - OLINDA PCS, SECURITY FENCING AND PAVING  
IOC - ORANGE CO FDR, DESIGN & CONSTRUCT FLOW CTRL FAC  
IOC - ORANGE COUNTY FEEDER SERVICE CONN A-1, RELOC METER CABINET & ELEC SERV  
IOC - ORANGE COUNTY FEEDER, RELOCATION BETWEEN STA 473+21-52 & 473+5-82  
IOC - PALOS VERDE FEEDER, WASHINGTON PCS, PLATFORMS/LADDERS  
IOC - PALOS VERDES FDR WASHINGTON ST PCS  
IOC - PALOS VERDES FEEDER CATHODIC PROTECTION SYSTEM  
IOC - PALOS VERDES FEEDER, 108TH ST PCS, INSTALL ELECTRIC VALVE OPERATORS  
IOC - PALOS VERDES FEEDER, RELOCATE HARBOR AND ARTESIA FREEWAYS  
IOC - PIPELINES AND FEEDERS, CONSTRUCTION STANDPIPE BRACING  
IOC - PV MIDDLE CROSS, MIDDLE FEEDERS, ELECTROLYSIS TEST STATION  
IOC - REFURBISH SERVICE CONNECTION, LOWER MIDDLE FEEDER

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

IOC - REPLACEMENT OF 75 UNDERGROUND FUEL STORAGE TANKS, ALL FACILITIES  
 IOC - RIALTO PIPELINE AT DEVIL'S CANYON  
 IOC - RIALTO PIPELINE, DELIVERY FACILITIES FOR CYCLIC STORAGE  
 IOC - RIALTO PPLN, INSTALL 2 CATHODIC PROTECTION SYSTEM  
 IOC - SAN DIEGO CANAL ENLARGEMENT PHASE 2  
 IOC - SAN DIEGO CANAL MODIFICATION, 5 ADDITIONAL SIPHONS  
 IOC - SAN DIEGO PPLN 3 BYPASS  
 IOC - SAN DIEGO PPLNS 4 & 5 CORROSION CTRL SYS  
 IOC - SAN DIEGO PIPELINE 5, SCH SD-17, TEMECULA TO DELIVERY POINT  
 IOC - SAN DIEGO PIPELINE.5, SCH SD-17, TEMECULA TO DELIVERY POINT  
 IOC - SAN DIEGO PPLN 5, SCH SD-16, SKINNER TO TEMECULA (SPEC NO. 1065)  
 IOC - SANTA ANA CROSS FEEDER, RELOCATE FLOWER STREET STORM DRAINAGE  
 IOC - SANTA MONICA FEEDER, SUNSET RELIEF STRUCTURE, MODIFY STA 433022  
 IOC - SEPULVEDA FDR, SCH 123 CORROSION MITIGATION  
 IOC - SERVICE CONN DW-CV-4, WHITE WATER SIPHON (2ND BARREL), STA 9698+00  
 IOC - SERVICE CONNECTION DW-CV-4, VALVE STRUCTURE & SIPHON, STA 9698+00  
 IOC - SKINNER BYPASS PIPELINE CHLORINATION SYSTEM  
 IOC - STRUCTURE MODIFICATIONS TO SAN DIEGO PIPELINE"S # 1 AND 2  
 IOC - TESTING PROGRAM AT YORBA LINDA TEST FACILITY  
 IOC - UPPER FEEDER CATHODIC PROTECTION SCH 25  
 IOC - UPPER FEEDER SANTA ANA RIVER BRIDGE SEISMIC MODIFICATION  
 IOC - UPPER FEEDER, MANHOLE MODIFICATION, STATION 1464+50  
 IOC - UPPER FEEDER, MANHOLE MODIFICATION, STATION 1495+54  
 IOC - UPPER FEEDER, MANHOLE MODIFICATION, STATION 1757+86  
 IOC - UPPER FEEDER, MODIFY PUDDINGSTONE SPILLWAY, STA 1950+62.71  
 IOC - UPPER FEEDER, ROAD ACCESS TO SANTA ANA BRIDGE  
 IOC - WEST ORANGE COUNTY FEEDER PCS, INSTALL 480V 3 PHASE ELEC SERVICE  
 IOC - WEST ORANGE COUNTY FEEDER RELOCATION AT STA 456+00  
 IOC - WEST ORANGE COUNTY FEEDER, RELOCATE STATIONS 132+16 TO 132+74  
 IOC - WEST VALLEY FACILITIES STUDY  
 IOC - YORBA LINDA FEEDER BYPASS  
 IRON MOUNTAIN - TRANSFORMER OIL TANK RELOCATION  
 JENSEN & MILLS OXIDATION RETROFIT  
 JENSEN AND WESTERN REGION ELECTRICAL CONTROLS REHABILITATION  
 JENSEN DISTRIBUTION SYSTEM - REPLACEMENT OF AREA CONTROL SYSTEMS - CONTRACT # 1396  
 JENSEN EGEN UST UPGRADE - LINE LEAK DETECTOR INSTALLATION  
 JENSEN FILTER BACKWASH BIOLOGICAL CONTROL SYSTEM  
 JENSEN FILTER EFFLUENT TURBIDIMETER RELIABILITY  
 JENSEN FILTR. PLANT- NEW INFLUENT CONDUIT  
 JENSEN FILTR. PLANT- TURBIDIMETERS  
 JENSEN FILTRATION PLANT - REPLACE ADMINISTRATION BUILDING AIR CONDITIONING  
 JENSEN FILTRATION PLANT - ROAD RECONSTRUCTION  
 JENSEN IRRIGATION LINE REPLACEMENT  
 JENSEN OUTLET CHLORINE DIFFUSER AND SAMPLE PUMP MODIFICATIONS  
 JENSEN OZONE SYSTEM PLC CONTROL & COMMUNICATION EQUIPMENT UPGRADE  
 JENSEN PLANT- SERVICE CONNECTION - LA 25  
 JENSEN PLANT-BY PASS PIPELINE  
 JENSEN SOLAR FACILITY  
 JENSEN/CANYON FEMA FIRE DAMAGE  
 KIMBERLY STORM CHANNEL-ORANGE COUNTY FEEDER (ORG CONST)  
 LA VERNE BUILDING 40 COMPRESSED AIR UPGRADES  
 LA VERNE FACILITIES - BRIDGEPORT E-2-PATH  
 LA VERNE FACILITIES - ENERGY CONSERVATION ECM1 - 10  
 LA VERNE FACILITIES - EXPANSION OF THE SANITARY SEWER  
 LA VERNE FACILITIES - HAZARDOUS WASTE STORAGE  
 LA VERNE FACILITIES - MAIN TRANSFORMERS REPLACEMENT  
 LA VERNE FACILITIES - MATERIAL TESTING LABORATORY MODIFICATION  
 LA VERNE FACILITIES - MATERIALS TESTING LABORATORY  
 LA VERNE FACILITIES - REPLACEMENT OF FLOCCULATOR STUB SHAFT - BASINS 1 & 2  
 LA VERNE FACILITIES, UPPER FDR PUDDINGSTONE SPILLWAY, CROSS CONNECTION  
 LA VERNE FACILITY-CORROSION MATERIAL TEST PLT  
 LA VERNE MACHINE SHOP - AIR CONDITIONING UNIT REPLACEMENT  
 LA VERNE MACHINE SHOP - REPAIR HORIZONTAL BORING MILL  
 LA VERNE MACHINE SHOP SWAMP COOLER REPLACEMENT (103929)  
 LA VERNE PIPELINE  
 LA-02  
 LA-03  
 LA-04  
 LA-06  
 LA-07  
 LA-08  
 LA-09  
 LA-10  
 LA-11  
 LA-12  
 LA-13  
 LA-15  
 LA-16  
 LA-21A  
 LA-22  
 LA-23  
 LA-24  
 LA-25  
 LA-30

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

LA-31  
LA-33  
LA-35  
LA-35 DISCHARGE STRUCTURE REPAIRS  
LA-35 DISCHARGE STRUCTURE REPAIRS  
LADWP CONNECTION IN MAGAZINE CANYON  
LAKE MATHEWS - CONSTRUCTION OF BACKUP COMPUTER FACILITIES  
LAKE MATHEWS - DIVERSION TUNNEL WALKWAY REPAIR  
LAKE MATHEWS - FACILITY WIDE EMERGENCY WARNING AND PAGING SYSTEM  
LAKE MATHEWS - FOREBAY MCC ROOF IMPROVEMENT  
LAKE MATHEWS - MAIN DAM TOE SEEPAGE COLLECTION  
LAKE MATHEWS - MULTIPLE SPECIES MANAGER'S OFFICE & RESIDENCE  
LAKE MATHEWS - RENOVATION OF BLDGS. 8 & 15, GENERAL ASSEMBLY & ADMIN. BLDG. OFFICE AREAS  
LAKE MATHEWS - RETROFIT LOWER ENTRANCE GATE SWING ARM  
LAKE MATHEWS FACILITIES WIDE EMERGENCY WARNING/PAGING SYSTEM  
LAKE MATHEWS FENCING SECURITY UPGRADE  
LAKE MATHEWS FOREBAY MCC ROOF IMPROVEMENT  
LAKE MATHEWS HEADWORKS- REPLACE TWO VALVES (WO #3543)  
LAKE MATHEWS HEAVY AND LIGHT VEHICLE SHOP PROPANE TANKS  
LAKE MATHEWS MAIN DAM TOE SEEPAGE COLLECTION  
LAKE MATHEWS RETROFIT LOWER ENTRANCE GATE SWING ARM  
LAKE PERRIS BY PASS PIPELINE  
LAKE PERRIS BY PASS PIPELINE- CLAIMS  
LAKE PERRIS BYPASS PIPELINE EXPLORATION  
LAKE PERRIS BYPASS PIPELINE RELINING  
LAKE PERRIS DISSOLVED OXYGEN ENHANCEMENT (CAPITAL PORTION)  
LAKE PERRIS EMERGENCY STANDBY GENERATOR AND TRANSFER SWITCH REPLACEMENT  
LAKE PERRIS EMERGENCY STANDBY GENERATOR SYSTEM REPLACEMENT  
LAKE PERRIS EMERGENCY STANDBY GENERATOR SYSTEM REPLACEMENT (103909)  
LAKE PERRIS PIPELINE RELINING  
LAKE PERRIS PUMPBACK FACILITY  
LAKE PERRIS PUMPBACK FACILITY EXPANSION  
LAKE PERRIS PUMPBACK FACILITY-EXPANSION NO.2  
LAKE SKINNER - AERATOR AIR COMPRESSOR REPLACEMENT  
LAKE SKINNER - OUTLET TOWER VALVE REHABILITATION  
LAKE SKINNER - REPLACEMENT AERATOR RING  
LAKE SKINNER AERATOR AIR COMPRESSOR REPLACEMENT  
LAKE SKINNER AREA DISTRIBUTION SYSTEM VALVE REPLACEMENT  
LAKE SKINNER BYPASS PIPELINE #2 AND #3  
LAKE SKINNER C&D BUILDING REHABILITATION  
LAKE SKINNER CATHODIC PROTECTION  
LAKE SKINNER DAM ROAD REHAB  
LAKE SKINNER EAST BYPASS SCREENING STRUCTURES  
LAKE SKINNER EAST BYPASS STRUCTURE REHABILITATION  
LAKE SKINNER OUTLET TOWER CHLORINE SYSTEM MODIFICATION  
LAKE SKINNER OUTLET TOWER VALVE  
LAKE SKINNER WEST BYPASS SCREENING STRUCTURE  
LAKE SKINNER WEST BYPASS SCREENING STRUCTURE REHABILITATION  
LAKE VIEW PIPE LINE REPAIRS  
LAKE VIEW PIPELINE- SCH. 310,312 AND 313  
LAKE VIEW PIPELINE/INLAND FEEDER PCS ABOVE GROUND STORAGE TANK FOR DIESEL FUEL  
LAKE VIEW PIPELINE-INSTALL CATHODIC PROTECTION-STATION 2210+00  
LAKEVIEW PIPELINE - REPLACE VACUUM/AIR RELEASE  
LAKEVIEW PIPELINE CATHODIC PROTECTION SYSTEM  
LAKEVIEW PIPELINE CATHODIC PROTECTION SYSTEM REHABILITATION  
LAKEVIEW PIPELINE IMPROVEMENTS  
LAKEVIEW PIPELINE LEAK REPAIR AT ST 2510+49  
LAKEVIEW PIPELINE RELINING  
LAKEVIEW PIPELINE RELINING - STAGE 2  
LAKEVIEW PIPELINE RELINING - STAGE 3  
LAKEVIEW PIPELINE REPAIR  
LAKEVIEW PIPELINE UPGRADE  
LAKEVIEW PIPELINE, REPLACE VACUUM/AIR RELEASE  
LA-MISC  
LAVERNE - REPLACE COOLING SYS - MAT'L TEST LAB  
LAVERNE - RREPLACE COOLING SYSTEM - MATERIAL TEST LAB (PROJECT 100866)  
LAVERNE FACILITY - MATERIALS TESTING LAB RENOVATION  
LB-02  
LB-03  
LB-04  
LB-07  
LB-08  
LB-MISC  
LIVE OAK RESERVOIR BYPASS PIPELINE CATHODIC PROTECTION  
LIVE OAK RESERVOIR PIPELINE CATHODIC PROTECTION  
LIVE OAK RESERVOIR PIPELINES CATHODIC PROTECTION  
LONG BEACH LATERAL : SECTIONALIZING VALVE STRUCTURE  
LONG BEACH LATERAL EXTENSION SCHEDULE 41P (SPEC NO. 342)  
LONG BEACH LATERAL SCHEDULE 26SC (SPEC NO. 293)  
LOS ANGELES COUNTY NORTH C AND D REGION ELECTRICAL STRUCTURES REHAB  
LOS ANGELES COUNTY SOUTH C AND D REGION ELECTRICAL STRUCTURES REHAB  
LOW LEVEL TEHACHAPI TUNNEL- FEASIBILITY STUDY  
LOWER FDR, SCHEDULE 80SC, MISCELLANEOUS CREDITS  
LOWER FDR, SCHEDULE 80SC, MISCELLANEOUS CREDITS

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

LOWER FDR: CAJALCO TUNNEL TO CORONA PIPELINE, SCH 71P  
 LOWER FDR: CAJALCO TUNNEL: STA. 1+00 TO 80+00 (SPEC NO. 413)  
 LOWER FDR: STA. 988+54.00 TO 1031+52.75 (SCH. 75P)  
 LOWER FDR: STA. 77+45 TO 282+50 (CAJALCO TNL. TO E. BND. OF CORONA) SCH 70P  
 LOWER FDR-RELOCATE IN IMPERIAL HIGHWAY, STA 2163+50  
 LOWER FEEDER - CATHODIC PROTECTION  
 LOWER FEEDER BLOW-OFF DRAIN LINE REPLACEMENTS  
 LOWER FEEDER CATHODIC PROTECTION SYSTEM REHABILITATION  
 LOWER FEEDER- CONSTRUCTION OF BLOWOFF STRUCTURE AT STA. 80+40  
 LOWER FEEDER PROTECTION, IMPERIAL HWY AT ATSF RR TRACKS, SANTA FE SPRNGS  
 LOWER FEEDER STANDPIPE #22 REHABILITATION  
 LOWER FEEDER WR 33 - AREA REPAIR AND REMEDIATION  
 LOWER FEEDER, ALLEN MCCOLLCOCH  
 LOWER FEEDER, SCHEDULE 79C  
 LOWER FEEDER, SCHEDULE 80SC  
 LOWER FEEDER, STA 359+10  
 LOWER FEEDER, STA 421+15 TO 457+85  
 LOWER FEEDER: STA. 663+00 TO 793+80, SCH. 73SC (SPEC 455)  
 LOWER FEEDER: STA. 793+80 TO 919+54 SCH. 72, 73, 74  
 LOWER FEEDER: COTTAGE & DOUBLE GARAGE NEAR CNTRL. TOWER (SA CYN.)  
 LOWER FEEDER: STA. 524+05 TO 663+00 (W. BND. OF CORONA TO SA RIVER CYN.)  
 LV-02  
 LV-03  
 MAGAZINE CANYON CANOPY  
 MAGAZINE CANYON, ISOLATION GATE JACKING FRAME  
 MAGAZINE CANYON, VALVE REPLACEMENT FOR SAN FERNANDO TUNNEL  
 MAGAZINE CANYON-ISOLATION GATE JACKING FRAME  
 MECHANICAL / VENTURI TYPE METERS- DISTR SYSTEM (INTERIM CONST)  
 METER & CHLORINATION EQUIPMENT - ORANGE COUNTY FEEDER  
 METER- SERVICE CONNECTION PM - 17 UPPER FEEDER (INTERIM CONST)  
 METERING CIRCUITS MODIFICATIONS AT ETIWAND AND VALLEY VIEW POWER  
 MICROWAVE COMMUNICATION SITES BUILDING UPGRADE  
 MIDDLE CROSS FDR: STA 0+09.98 TO 285+40-GARFIELD-WADSWORTH AVE  
 MIDDLE CROSS FDR: STA. 285+40 TO 360+62.29 (WADSWORTH-FIGUEROA ST) ( SCH 54SC)  
 MIDDLE CROSS FDR: STA. 285+40 TO 360+62.29 (WADSWORTH-FIGUEROA ST) ( SCH 55SC)  
 MIDDLE CROSS FEEDER CATHODIC PROTECTION  
 MIDDLE FDR: STA. 7+53.65 TO 301+00 (GRAND AVE-BALDWIN PK.) SCH 57SC  
 MIDDLE FDR: STA. 7+53.65 TO 301+00 (LA VERNE-GRAND AVE.) SCH 56SC  
 MIDDLE FDR: STA. 759+00 TO 944+00 (BALDWIN PK-SO SAN GABE) SCH 59SC  
 MIDDLE FDR: STA. 944+00 TO 1105+50 (SO SAN GABE-GARVEY RSVR) SCH 59A  
 MIDDLE FEEDER - CATHODIC PROTECTION SYSTEMS  
 MIDDLE FEEDER - NORTH CATHODIC PROTECTION SYSTEM  
 MIDDLE FEEDER BLOW-OFF VALVE REPLACEMENT AT STA 782+53.16  
 MIDDLE FEEDER CHLORINATION STRUCTURE REHABILITATION AT WEYMOUTH WTP  
 MIDDLE FEEDER NORTH CATHODIC PROTECTION  
 MIDDLE FEEDER NORTH CATHODIC PROTECTION SYSTEM  
 MIDDLE FEEDER NORTH DRAINAGE AND PROTECTION RESTORATION  
 MIDDLE FEEDER PROTECTION AT RUSH ST. AND WALNUT GROVE AVE.  
 MIDDLE FEEDER- RELOCATE DURFEE AVE. STA. 758+00 TO 771+00  
 MIDDLE FEEDER RELOCATION FOR SCE MESA SUBSTATION  
 MIDDLE FEEDER SCHEDULE 76SC (SPEC NO. 524)  
 MIDDLE FEEDER SCHEDULE 77SC (SPEC NO. 524)  
 MIDDLE FEEDER SCHEDULE 78SC (SPEC NO. 524)  
 MIDDLE FEEDER SOUTH BLOWOFF VALVE REPLACEMENT AT STA. 782+54  
 MIDDLE FEEDER: STA. 244+75 TO 247+45 (SPEC NO. 416)  
 MIDDLE FEEDER: COTTAGE AND GARAGE AT RIO HONDO STRUCTURE  
 MILLS EGEN USST UPGRADE - LLD INSTALLATION  
 MILLS EMERGENCY GENERATOR PLC UPGRADE  
 MILLS FILT PLT, ADMIN BLDG EXPANSION  
 MILLS FILTR. PLANT- SERVICE CONNECTION WR-24A TURNOUT STRUCTURE  
 MILLS FILTRATION PLANT - INVESTIGATION TO RELOCATE ACCESS ROAD  
 MILLS PLANT (103469)  
 MILLS TURBIDITY EVENT, DR 1952, DECEMBER 2010 STATEWIDE STORMS  
 MILLS WEIR GATE AND FILTER VALVE REHABILITATION  
 MILLS, REPLACE WILLOWGLEN RTU  
 MINOR CAP 08/09 PLACEHOLDER  
 MINOR CAP FY 2009/10  
 MINOR CAP FY 2012/13  
 MINOR CAP FY 2014/16  
 MINOR CAPITAL PROJ - BOX SPRINGS FDR, INSTALL CHLOR DIFUSER  
 MINOR CAPITAL PROJ - FOOTHILL FDR, ELEC PWR BLOWOFF/CHLOR STRUC  
 MINOR CAPITAL PROJ - SD PIPEL #4 & 5-CORR CNTRL SYS  
 MINOR CAPITAL PROJ - SEPULVEDA FDR, SCH 123/ CORR MITIGATION  
 MINOR CAPITAL PROJECTS FOR FY 1989/90 - LONG BEACH LATERAL  
 MINOR CAPITAL PROJECTS FOR FY 1989/90 - SANTIAGO LATERAL CONTROL  
 MINOR CAPITAL PROJECTS FY 1988/89 - 2ND LOWER FEEDER  
 MINOR CAPITAL PROJECTS FY 1988/89 - INGLEWOOD LATERAL  
 MINOR CAPITAL PROJECTS FY 1988/89 - SANTA ANA CROSS FEEDER  
 MINOR CAPITAL PROJECTS FY 1988/89 - SEPULVEDA FEEDER  
 MINOR CAPITAL PROJECTS FY 1988/89 - WEST VALLEY FEEDER (50/50)  
 MINOR CAPITAL PROJECTS FY 2011-2012  
 MINOR CAPITAL PROJECTS- FY 74-75  
 MINOR CAPITAL PROJECTS- LAKEVIEW PIPELINE  
 MINOR CAPITAL PROJECTS PROGRAM 07/08 - REMAINING FUNDS

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

MINOR CAPITAL PROJECTS-DIST SYS, MULTIPLE ADDRESS SPECTRUM SYSTEM  
 MINOR CAPITAL PROJECTS-YORBA LINDA FEEDER  
 MISC  
 MODIFICATIONS OF EM-14 SERVICE CONNECTION  
 MONROVIA CANYON CROSSING SCHEDULE 9C  
 MONROVIA TUNNEL NO. 4  
 MONROVIA TUNNELS NO.1 & NO.2  
 MONROVIA TUNNELS NO.3  
 MONUMENT SIGNS FOR THE DIAMOND VALLEY LAKE FACILITY EAST AND WEST ENTRANCES  
 MORRIS RESERVOIR CONNECTION (SPEC NO. 338)  
 MOUNT OLYMPUS TUNNEL COST RIGHT-OF-WAY (ROW)  
 MP-01  
 MWD ROAD GUARDRAIL  
 MWD SHARE FOR DESIGN AND CONSTRUCTION OF SC. LA-35  
 MWD UNION STATION HEADQUARTERS VISITOR SECURITY SCREENING  
 NEW EMERGENCY SERVICE CONNECTION ON THE SEPULVEDA FDR FOR LADWP  
 NEWHALL AND BALBOA INLET TUNNELS  
 NEWHALL TUNNEL- LINER REPAIR  
 NEWHALL TUNNEL STEEL LINER REPAIR  
 NEWHALL TUNNEL-INSTALL LINER  
 NITROGEN STORAGE COMPLIANCE AT DVL, INLAND FEEDER PCS, AND LAKE MATHEWS  
 NITROGEN STORAGE STUDY  
 NO. PORTAL NEWHALL TUNNEL (CANCELLED)  
 NON PCCP LINES CONDITION INSPECTION AND ASSESSMENT  
 NORTH PORTAL OF HOLLYWOOD TUNNEL  
 NORTH REACH CONSTRUCTION / INSPECTION / CM  
 NORTH REACH CONSTRUCTION/ASBUILT  
 NORTH REACH ENVIRONMENTAL - CONSTRUCTION  
 NORTH REACH FINAL DESIGN & ADV/NTP  
 NORTH REACH POST DESIGN / ASBUILT  
 NORTH REACH PROGRAM MANAGEMENT - CONSTRUCTION  
 NORTHERN PIPELINE ENVIRONMENTAL FINAL DESIGN  
 NORTHERN PIPELINE RIGHT OF WAY FINAL DESIGN  
 OAK ST PCS REHABILITATION  
 OAK ST. PCS ROOF REPLACEMENT  
 OAK STREET PCS - VALVE REPLACEMENT  
 OAK STREET PCS- VALVE REPLACEMENT  
 OAK STREET PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
 OAK STREET PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT - CONSTRUCTION  
 OAK STREET PRESSURE CONTROL STRUCTURE VALVE ACTUATOR REPLACEMENT  
 OC - 70  
 OC - 70  
 OC - 71 SERVICE CONNECTION REPAIRS  
 OC 44 SERVICE CONNECTIONS & EOC#2 METER ACCESS ROAD REHAB  
 OC 88 FIRE SYSTEM PROTECTION UPGRADES  
 OC 88 PUMPING PLANT REHABILITATION  
 OC CATHODIC PROTECTION STA 1467+15 TO STA 2053+97  
 OC FEEDER CATHODIC PROTECTION SYSTEM REHABILITATION  
 OC FEEDER STA 1920+78 BLOWOFF STRUCTURE & RIP-RAP REPAIRS  
 OC RESERVOIR SODIUM HYPOCHLORITE PUMP AND PIPING REPLACEMENT  
 OC-01  
 OC-03  
 OC-03T  
 OC-04  
 OC-06  
 OC-07  
 OC-14  
 OC-18  
 OC-20  
 OC-21  
 OC-22  
 OC-23  
 OC-24  
 OC-25  
 OC-26  
 OC-27  
 OC-29  
 OC-30  
 OC-31  
 OC-32A  
 OC-33  
 OC-34  
 OC-35  
 OC-36  
 OC-37  
 OC-38 SERVICE CONNECTION MODIFICATION  
 OC-45  
 OC-46  
 OC-49  
 OC-50  
 OC-51  
 OC-52  
 OC-53  
 OC-54



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

OC-55  
OC-56  
OC-57  
OC-59  
OC-60  
OC-61  
OC-62  
OC-63  
OC-71 FLOW CONTROL FACILITY  
OC-73  
OC-88 - SECURITY FENCING AT PUMP PLANT  
OC-88 EMERGENCY STANDBY GENERATOR UPGRADE STUDY  
OC-88 FIRE PROTECTION UPGRADE  
OC-88 PUMP PLANT AIR COMPRESSOR UPGRADE  
OC-88 PUMP STATION CHILLERS REPLACEMENT  
OC-88 PUMP STATION FLOW METER UPGRADE  
OC-88 PUMP STATION PLC UPGRADE  
OC-88 PUMP STATION UPGRADES  
OC-88 PUMPING PLANT SURGE TANK UPGRADES  
OC-88 PUMPING PLANT SURGE TANKS UPGRADES  
OC-88 PUMPING PLANT UPGRADES  
OC-88 PUMPING STATION, ENERGY SAVINGS  
OC-89 AND OC-90 FLOW METER REPLACEMENT  
OC-9  
OC-MISC  
OFFSITE WATER SERVICE - EASTERN MUNICIPAL WATER DISTRICT  
OLINDA PCS AND SANTIAGO TOWER EMERGENCY GENERATORS  
OLINDA PCS- SECURITY FENCING AND PAVING  
OLINDA PCS VALVE REPLACEMENT  
OLINDA PCS VIBRATION STUDY  
OLINDA PRESSURE CONTROL FACILITY PAVEMENT REPAIR  
OLINDA PRESSURE CONTROL STRUCTURE  
OLINDA PRESSURE CONTROL STRUCTURE AND SANTIAGO TOWER EMERGENCY GENERATORS  
OLINDA PRESSURE CONTROL STRUCTURE- LOWER FEEDER  
OLINDA PRESSURE CONTROL STRUCTURE, VIBRATION MITIGATION, ROW ACQUISITION  
ON-CALL RESOURCES MANAGEMENT APPLICATION  
OPERATIONS CONTROL CENTER AT EAGLE ROCK  
OPERATIONS CONTROL CENTER UPS REPLACEMENT  
OPERATIONS SCOPING STUDY  
ORANGE CO FDR, BLOW-OFF STRUCTURE AND ACCESS ROAD REPAIR  
ORANGE CO FDR, FLOW CONTROL FACILITY  
ORANGE COUNTY - 88 PUMP PLANT AIR COMPRESSOR UPGRADE  
ORANGE COUNTY - 88 SECURITY FENCING AT PUMP PLANT  
ORANGE COUNTY - CENTRAL CONTROL SYSTEM  
ORANGE COUNTY AND RIVERSIDE/SAN DIEGO COUNTY OPERATING REGIONS VALVE REPLACEMENT  
ORANGE COUNTY AREA DISTRIBUTION SYSTEM VALVE REPLACEMENT  
ORANGE COUNTY C & D ELECTRICAL IMPROVEMENTS - STUDY  
ORANGE COUNTY C&D ELECT STRUCT REHAB - STAGE 2  
ORANGE COUNTY C&D INSTRUMENTATION PANEL IMPROVEMENTS  
ORANGE COUNTY C&D REGION SERVICE CENTER  
ORANGE COUNTY C&D TEAM SUPPORT FACILITY  
ORANGE COUNTY CONVEYANCE AND DISTRIBUTION SERVICE CENTER  
ORANGE COUNTY FDR - SVC CONN SA-3, REPLACE MECHICAL METER  
ORANGE COUNTY FDR.-RELOCATE PRESSURE RELIEF STRUC., STA 1772+72  
ORANGE COUNTY FDR.SERV.CONN.A-1,RELOC.METER CABINET & ELEC.SERV.  
ORANGE COUNTY FEEDER  
ORANGE COUNTY FEEDER CATHODIC PROTECTION  
ORANGE COUNTY FEEDER- CATHODIC PROTECTION  
ORANGE COUNTY FEEDER CATHODIC PROTECTION SYSTEM REHABILITATION  
ORANGE COUNTY FEEDER DEWATERING IMPROVEMENTS  
ORANGE COUNTY FEEDER EXTENSION LINING REPAIR  
ORANGE COUNTY FEEDER- EXTENSION PROJECT FOR FREEWAY  
ORANGE COUNTY FEEDER EXTENSION SCHEDULE 42S  
ORANGE COUNTY FEEDER EXTENSION- VALVE STRUCTURE  
ORANGE COUNTY FEEDER EXTN.TERMINUS REVISION:STA.2053+43 TO 2134+81  
ORANGE COUNTY FEEDER EXTN: ADDTL" VALVES AT WILLITS ST. STRUCTURE  
ORANGE COUNTY FEEDER INSPECTION  
ORANGE COUNTY FEEDER INTERNAL INSPECTION STUDY  
ORANGE COUNTY FEEDER LINING REPAIR - REACH 2  
ORANGE COUNTY FEEDER LINING REPAIRS  
ORANGE COUNTY FEEDER PRESSURE CONTROL STRUCTURES  
ORANGE COUNTY FEEDER RELINING  
ORANGE COUNTY FEEDER RELINING - REACH 3  
ORANGE COUNTY FEEDER RELINING - REACHES 1 & 2  
ORANGE COUNTY FEEDER RELOCATION (SPEC NO. 618)  
ORANGE COUNTY FEEDER RELOCATION AT BALL ROAD  
ORANGE COUNTY FEEDER RELOCATION IN FULLERTON  
ORANGE COUNTY FEEDER- RELOCATION STA. 1278+00 TO 1292+00  
ORANGE COUNTY FEEDER- REPLC. 20  
ORANGE COUNTY FEEDER SCHEDULE 34P  
ORANGE COUNTY FEEDER SCHEDULE 35P  
ORANGE COUNTY FEEDER SCHEDULE 36P  
ORANGE COUNTY FEEDER SCHEDULE 37SC  
ORANGE COUNTY FEEDER SCHEDULE 37SC CATHODIC PROTECTION

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

ORANGE COUNTY FEEDER STA 1920+78 BLOWOFF STRUCTURE & RIP-RAP REPAIRS  
 ORANGE COUNTY FEEDER:INCASEMENT AT SANTA ANA FREEWAY CROSSING  
 ORANGE COUNTY FEEDER:MOTOR OPERATED FLOW REGULATING VALVE  
 ORANGE COUNTY FEEDER-CONSTRUCT BLOWOFF STRUCTURE AT STA. 251+00  
 ORANGE COUNTY FEEDER-MODIFY SANTA ANA RELIEF STRUCTURE  
 ORANGE COUNTY FEEDER-RELOCATE PIPE,STA. 473+21-52 TO STA. 473+5-82  
 ORANGE COUNTY FEEDER-RELOCATION AT KIMBERLY STORM CHANNEL  
 ORANGE COUNTY PIPELINES RIGHT-OF-WAY INFRASTRUCTURE  
 ORANGE COUNTY REGION C AND D ELECTRICAL STRUCTURES REHABILITATION  
 ORANGE COUNTY REGION ENVIRONMENTAL MITIGATION MONITORING  
 ORANGE COUNTY REGION RTU AIR CONDITIONER UNIT 1  
 ORANGE COUNTY RELIABILITY IMPROVEMENTS  
 ORANGE COUNTY RESERVOIR - INSTALL HYPOCHLORINATION STATIONS  
 ORANGE COUNTY RESERVOIR - PIEZOMETERS & SEEPAGE MONITORING AUTOMATION  
 ORANGE COUNTY RESERVOIR PIEZOMETERS AND SEEPAGE MONITORING AUTOMATION  
 ORMOND BEACH PROPERTY ACQUISITION  
 OXIDATION DEMONSTRATION PLANT CONTROL SYSTEM REPLACEMENT  
 P-02  
 P-03  
 P-04  
 P-05  
 P103016 OC-88 PUMPING STATION, ENERGY SAVINGS  
 P103329 SAN DIEGO PPLN 6, NORTH REACH FINAL DESIGN/ADV/NTP  
 P103331 NORTHERN PIPELINE RIGHT OF WAY FINAL DESIGN  
 P103485 SAN DIEGO PIPELINE 6, NORTH REACH  
 P103558 SAN DIEGO PIPELINE 6 NORTH REACH  
 P103560 SD6 - NORTH REACH POST DESIGN  
 P103567 PERRIS VALLEY PIPELINE, GENERAL  
 P103725 ENTRY CONTROL POINT STANDARDIZATION AND PERIMETER DEFENSE STUDY  
 P103726 CRITICAL LOCK IDENTIFICATION AND CHANGE-OUT  
 P103764 PERRIS VALLEY PIPELINE  
 P103765 PERRIS VALLEY PIPELINE TIE-IN (EMWD)  
 P103766 PERRIS VALLEY PIPELINE VALVE  
 P103801 SECURITY FENDING AT OC-88 PUMP PLANT  
 P103808 SAN DIEGO PIPELINE #4 VALVE REPLACEMENT  
 P103858 PERRIS VALLEY PIPELINE, NORTH REACH  
 P103946 SAN DIEGO PIPELINE REPAIR AT STATION 1268+57  
 P103994 BOX SPRING FEEDER REPAIR, PHASE 2  
 P103997 COPPER BASIN INTERIM CHLORINATION SYSTEM  
 P104027 MAGAZINE CANYON, VALVE REPLACEMENT FOR SAN FERNANDO TUNNEL  
 P104051 LAKE PERRIS BYPASS PIPELINE EXPLORATORY EXCAVATION  
 P104078 CROSS CONNECTION PREVENTION PROGRAM, PHASE II CONSTRUCTION  
 P104196 CALABASAS FEEDER STAGE 1 AND 2 REPAIRS  
 P104264 RELOCATION OF SC CENB-11 METER CABINET AND AIR VENT STRACK  
 P104614 INLAND FEEDER AND LAKEVIEW PIPELING INTERTIE  
 P104663 WEYMOUTH SOLAR POWER FACILITIES  
 P104685 WILLITS ST. PCS VALVE ACTUATOR REPLACEMENT  
 P104706 JENSEN OUTLET CHLORINE DIFFUSER AND SAMPLE PUMP MODIFICATIONS  
 P104731 WR-24D FLOWMETER REPLACEMENT  
 P104741 EAGLE ROCK CONTROL TOWER CATHOTIC PROTECTION REHABILITATION  
 P104760 SEPULVEDA FEEDER PCCP 2016 URGENT REPAIRS  
 P104790 MONUMENT SIGNS FOR DVLAKE FACILITY EAST AND WEST ENTRANCES  
 P104841 WEYMOUTH FLOCCULATOR REHABILITATION  
 P104871 CRA EAGLE MOUNTAIN PUMPING PLANT - DOMESTIC WATER LINE INSULATION  
 P104874 SECOND LOWER FEEDER PCCP REHABILITATION  
 P104876 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 2  
 P104877 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 3  
 P104881 SECOND LOWER FEEDER PCCP REHABILITATION  
 P104883 SECOND LOWER FEEDER PCCP REHABILITATION - REAL PROPERTY ACQUISITION  
 P104916 DVL ANGLER AVENUE ACCESS PROJECT  
 P104937 WHEELER GATE STORMWATER IMPROVEMENT  
 P104958 SKINNER ORP SWITCHGEAR BATTERY REPLACEMENT  
 P104959 SCADA NETWORK INTRUSION DETECTION SYSTEM  
 P104961 LAKE MATHEWS FENCING SECURITY UPGRADE  
 P104971 SKINNER SPILLWAY REHABILITATION  
 P104976 WATER ORDERING & EVENT SCHEDULING SYSTEM  
 P104991 JENSEN EGEN UST UPGRADE - LINE LEAK DETECTOR INSTALLATION  
 P104992 MILLS EGEN USST UPGRADE - LLD INSTALLATION  
 P104993 SKINNER EGEN UST UPGRADE - LLD INSTALLATION  
 P104994 UNION STATION EGEN UST UPGRADE, LINE LEAK DETECTOR INSTALLATION  
 P104996 EGIS INFRASTRUCTURE UPGRADE  
 P105002 SEPULVEDA WEST VALLEY AND EAST VALLEY FEEDERS INTERCONNECTION  
 P105023 SCADA NETWORK FIBER OPTIC SWITCH REPLACEMENT  
 P105026 SKINNER ELECTRICAL EQUIPMENT BUILDING 1 & 2  
 P105029 SKINNER ACCUSONIC FLOWMETER REPLACEMENT  
 P105032 WEYMOUTH ELECTRIC VEHICLE CHARGING STATION INSTALLATION  
 P105034 COLORADO RIVER AQUEDUCT CASA SIPHON  
 P105039 FOOTHILL FEEDER - CASTAIC VALLEY BLOW-OFF VALVES REPLACEMENT  
 P105045 DIEMER OZONE COOLING WATER ALTERNATIVE SOURCE  
 P105061 LOWER FEEDER STANDPIPE #22 REHABILITATION  
 P105062 SAN DIEGO PIPELINE NO. 2 ACCESS ROAD RELOCATION  
 P105064 OC 88 FIRE SYSTEM PROTECTION UPGRADES  
 P105070 SERVICE CONNECTION FLOWMETER REPLACEMENT  
 P105073 SANTA MONICA FEEDER CAST IRON PIPE REHABILITATION

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

P105094 DIEMER PLANT INFLUENT FLOWMETER  
P105098 LOWER FEEDER BLOW-OFF DRAIN LINE REPLACEMENTS  
P105101 JENSEN FILTER EFFLUENT TURBIDIMETER RELIABILITY  
P105106 SANTA MONICA FEEDER INTERNAL SEAL INSTALLATION  
P105107 LA VERNE BUILDING 40 COMPRESSED AIR UPGRADES  
P105110 MILLS EMERGENCY GENERATOR PLC UPGRADE  
P105114 SECOND LOWER FEEDER PCCP REHABILITATION - REACH 8  
P105118 PERRIS BYPASS PIPELINE SUMP PUMP REPLACEMENT  
P105119 ORANGE COUNTY REGION RTU AIR CONDITIONER UNIT 1  
P105123 CENTRAL BASIN, 48 BUBBLER AREA ACCESS IMPROVEMENT  
P105124 LAKE PERRIS PIPELINE RELINING  
P105127 OC-88 PUMP STATION PLC UPGRADE  
P105137 RIALTO FEEDER STA 3820+00 MANHOLE REPLACEMENT  
P105139 WCF/PVF INTERCONNECTION VALVE AUTOMATION  
P105164 SAN DIEGO PIPELINE 1 RAINBOW TUNNEL LINER REHABILITATION  
P105167 SAN GABRIEL PCS ELECTRICAL REPLACEMENTS  
P105171 MIDDLE FEEDER CHLORINATION STRUCTURE REHABILITATION AT WEYMOUTH WTP  
P105172 ALLEN MCCOLLOCH PIPELINE PCCP 2021 URGENT RELINING  
P105187 F-01 CHECK VALVE REPLACEMENT  
P105195 RIALTO FEEDER VALVE REPLACEMENT  
P105201 OC-89 AND OC-90 FLOW METER REPLACEMENT  
P105235 SEPULVEDA HEP TAILRACE COATINGS  
P105240 WEST VALLEY FEEDER NO. 1 STRUCTURES - PIPING IMPROVEMENTS  
PALOS ALTOS FEEDER - 108TH ST.  
PALOS VERDES FDR - MODIFICATION OF CITY OF L A SERVICE CONNECTIONS  
PALOS VERDES FDR - WASHINGTON ST. PCS REHABILITATION  
PALOS VERDES FDR- LA CITY MODIFICATION OF SERVICE CONNECTION  
PALOS VERDES FDR- WASHINGTON ST. PCS  
PALOS VERDES FDR, 108TH ST PCS, VALVE REPLACEMENT  
PALOS VERDES FEEDER - LONG BEACH LATERAL TURNOUT STRUCTURES STA. 1442+15 VALVE REPLACEMENT (NEED UD)  
PALOS VERDES FEEDER - LONG BEACH LATERAL TURNOUT STRUCTURES STA. 1442+15 VALVE REPLACEMENTS  
PALOS VERDES FEEDER PCS - VALVE REPLACEMENT  
PALOS VERDES FEEDER- RELOCATE HARBOR AND ARTESIA FREEWAYS  
PALOS VERDES FEEDER: ADDITIONAL  
PALOS VERDES FEEDER-108TH ST. PCS, INSTALL ELECT. VALVE OPERATORS  
PALOS VERDES FEEDER-CATHODIC PROTECTION SYSTEM  
PALOS VERDES FEEDER-REHAB DOMINGUEZ CHAN (PROJECT 100851)  
PALOS VERDES FEEDER-VALVE REHAB, DOMMINGUEZ CHNL  
PALOS VERDES RESERVOIR - INSTALL HYPOCHLORINATION STATIONS  
PALOS VERDES RESERVOIR, SPILLWAY ENERGY DISSIPATOR STRUCTURE MODIFICATION  
PALOS VERDES RESERVOIR-REPLACE MONITORING DISPLAY & ALARM PANEL  
PASADENA TUNNEL EXTENSION  
PASADENA TUNNELS  
PC-1 EFFLUENT OPEN CHANNEL TRASH RACK  
PC-1 EFFLUENT OPEN CHANNEL TRASH RACK PROJECT  
PCCP HYDRAULIC ANALYSES  
PCCP HYDRAULIC MODELING  
PCCP REHABILITATION - PROGRAM CEQA  
PCCP REHABILITATION - PROGRAM MANAGEMENT  
PCCP REHABILITATION, PROGRAM MANAGEMENT  
PCCP RELIABILITY PROGRAM PIPELINE PROCUREMENT  
PCCP STRUCTURAL PERFORMANCE RISK ANALYSIS  
PERIMETER FENCING AT PLACERITA CREEK  
PERMANENT LEAK DETECTION/PIPELINE MONITORING SYSTEM  
PERRIS PCS - UNINTERRUPTIBLE POWER SOURCE SYSTEMS INSTALLATION  
PERRIS BYPASS PIPELINE SUMP PUMP REPLACEMENT  
PERRIS CONTROL FACIL. & CON. TO STATE DWR FAC.  
PERRIS CONTROL FACILITY BYPASS & PCS UPGRADE  
PERRIS CONTROL FACILITY PUMPBACK UPGRADES  
PERRIS PCS ROOF REHAB  
PERRIS PRESSURE CONTROL STRUCTURE ROOF REPLACEMENT  
PERRIS PUMPBACK COVER  
PERRIS VALLEY PIPELINE  
PERRIS VALLEY PIPELINE - DESIGN-BUILD (EMWD)  
PERRIS VALLEY PIPELINE - GENERAL  
PERRIS VALLEY PIPELINE - NORTH REACH  
PERRIS VALLEY PIPELINE - RESERVED FOR STAGE II DESIGN / BUILD  
PERRIS VALLEY PIPELINE - SOUTH REACH  
PERRIS VALLEY PIPELINE - STUDY  
PERRIS VALLEY PIPELINE - TIE-IN (WMWD)  
PERRIS VALLEY PIPELINE - TUNNELS  
PERRIS VALLEY PIPELINE - VALVES  
PERRIS VALLEY PIPELINE DESIGN-BUILD (EMWD)  
PERRIS VALLEY PIPELINE NORTH REACH  
PERRIS VALLEY PIPELINE SOUTH REACH  
PERRIS VALLEY PIPELINE TIE-IN (EMWD)  
PERRIS VALLEY PIPELINE TIE-IN (WMWD)  
PERRIS VALLEY PIPELINE VALVE  
PERRIS VALLEY PIPELINE VALVES  
PERRIS VALLEY PIPELINE, GENERAL  
PERRIS VALLEY PIPELINE, NORTH REACH  
PERRIS VALLEY SIPHON CONNECTION FOR EASTERN M.W.D.  
PIPELINES AND FEEDERS, CONSTRUCTION STANDPIPE BRACING  
PLACENTIA RAILROAD LOWERING PROJECT

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

PLACERITA CREEK PERIMETER FENCING  
 PLANT INFLUENT REDUNDANT FLOW METERING AND SPLITTING  
 PLATFORM REPLACEMENT AT VARIOUS C&D WRU STRUCTURES  
 PLC REPLACEMENT PHASE II  
 PM-01  
 PM-02  
 PM-03  
 PM-04  
 PM-05  
 PM-06  
 PM-07  
 PM-08  
 PM-09  
 PM-10  
 PM-11  
 PM-12  
 PM-14  
 PM-15A  
 PM-16  
 PM-17  
 PM-18  
 PM-19  
 PM-21  
 PM-22  
 PM-23  
 PM-24  
 PM-26  
 PM-26A NEW SERVICE CONNECTION, BIG DALTON CANYON  
 P-MISC  
 PM-MISC  
 POMONA VALLEY M.W.D. FACILITIES  
 PORTION OF CASA LOMA SIPHON  
 POWER MANAGEMENT SYSTEMS  
 POWER PLANT DISCHARGE ELIMINATION  
 PRELIMINARY OPERATION - TESTING & CONDITIONING (1938-1940)  
 PRESTRESSED CONCRETE CYLINDER PIPE - PHASE 2  
 PRESTRESSED CONCRETE CYLINDER PIPE (PCCP) STRUCTURAL PEFORMANCE RISK ANALYSIS  
 PRESTRESSED CONCRETE CYLINDER PIPE (PCCP), PHASE 2  
 PRESTRESSED CONCRETE CYLINDER PIPE -PHASE 3  
 PREVENTION OF CRA WATER MIGRATION TO SPW AT WEYMOUTH JUNCTION STRUCTURE  
 PROGRAMATTIC ENVIRONMENTAL DOCUMENTATION OF ORANGE COUNTY  
 PROGRAMATTIC ENVIRONMENTAL DOCUMENTATION OF SAN BERNARDINO COUNTY  
 PROGRAMMABLE LOGIC CONTROLLER (PLC) STANDARDIZATION  
 PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE LOS ANGELES CO. OPERATING REGION  
 PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE ORANGE COUNTY OPERATING REGION  
 PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE RIVERSIDE/SAN DIEGO CO. OPERATING REGION  
 PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE WESTERN SAN BERNARDINO COUNTY OPERATING REGION  
 PUDDINGSTONE SPILLWAY CROSS CONNECTION  
 PV MIDDLE CROSS, MIDDLE FEEDERS, ELECTROLYSIS TEST STATION  
 PV RESERVOIR HYPOCHLORITE PUMP AND PIPING REPLACEMENT  
 R&R FOR DISTRIBUTION  
 RAMONA PRESSURE CONTROL STRUCTURE  
 REAL PROPERTY ACQUISITION  
 REAL PROPERTY ACQUISITION FOR ALL 4 REGIONS  
 RECONSTRUCT ORANGE COUNTY FEEDER SERVICE CONNECTION PM-1  
 RED MOUNTAIN - OCT. 2007 FIRE DAMAGE - COMMUNICATION POWER TOWERS & METER STRUCTURES REPAIR/REPLACE (INCIDENT NO. 2007-1023-0271)  
 RED MOUNTAIN HEP FLOOD DAMAGE  
 RED MTN COMM. TOWER & METER STRUCTURE  
 REFURBISH CORONA HYDROELECTRIC GENERATOR COOLERS  
 REFURBISH OC-88 P-3000 & P-4000  
 REFURBISH SERVICE CONNECTION - LOWER MIDDLE FDR  
 REHABILITATION OF GREG AVENUE PCS CONTROL BUILDING INTERIOR  
 REHABILITATION OF METALLIC AND CONCRETE PIPELINES PHASE 1 - SELECT HIGH PRIORITY FEEDERS  
 REHABILITATION OF THE GREG AVE PCS CONTROL BUILDING INTERIOR  
 REIMBURSE PIPELINE PROTECTION COSTS  
 RELOCATION OF DATA CENTER TO SAN DIMAS FACILITY  
 RELOCATION OF ORANGE COUNTY FEEDER  
 RELOCATION OF PORTION OF ORANGE COUNTY FEEDER (MWD'S SHARE)  
 RELOCATION OF PORTION OF ORANGE COUNTY FEEDER (MWD'S SHARE)  
 RELOCATION OF SC CENB-11 METER CABINET AND AIR VENT STRACK  
 REMAINING PORTIONS  
 REMOVAL OF VALVE G-205 FROM MIDDLE FDR CEN. B-37  
 REPAIR 28 MANHOLE ON SANTA MONICA FEEDER  
 REPAIRS TO THE LA-35 DISCHARGE STRUCTURE  
 REPLACE EQUIPMENT ON UPPER FEEDER IN EAGLE ROCK (REPLACE 115)  
 REPLACE 2 FIRE & DOMESTIC WATER SYSTEM  
 REPLACE COMMUNICATION LINE TO THE SAN GABRIEL CONTROL TOWER  
 REPLACE COPPER GROUNDWIRES ON DESERT HIGH VOLTAGE TRANSMISSION TOWERS  
 REPLACE COPPER WIRE, PIPING, FOOTINGS/GROUNDING (103921)  
 REPLACE EXISTING EQP. ON UPPER FDR FROM LK.MATHEWS TO EAGLE ROCK  
 REPLACE FLOWMETER ON ORANGE COUNTY FEEDER- STA. 800+00  
 REPLACE FLOWMETERS IN SERVICE CONNECTIONS  
 REPLACE OUTDATE INSTRUMENTATION AND INVESTIGATE UPGRADS (103347)  
 REPLACE TWO FIRE AND DOMESTIC WATER SYSTEM PUMPS (103124)

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

REPLACE UNDERGROUND FUEL STORAGE TANKS AT ALL FACILITIES  
 REPLACE VALVE POSITION INDICATORS  
 REPLACE VALVE POSITION INDICATORS, SELECTED PRESSURE CONTROL STRUCTURES  
 REPLACEMENT OF 75 UNDERGROUND FUEL STORAGE TANKS - ALL FACILITIES  
 REPLACEMENT OF ACCUSONIC FLOWMETERS & SCADA REMOTE  
 REPLACEMENT OF COMMUNICATION LINE AT SAN GABRIEL TOWER  
 REPLACEMENT OF COMMUNICATION LINE AT SAN GABRIEL TOWER  
 REPLACEMENT OF RETIRED EQUIPMENT ON FIRST SAN DIEGO AQUEDUCT  
 REPLACEMENT/ RELINE AT-RISK PCCP LINES - STAGE 1  
 REPLACEMENT/RELINE AT-RISK PCCP LINES STAGE 1  
 REPLACING VALVES ON PALOS VERDES FEEDER (SPEC 483)  
 RIALTO FEEDER AND MILLS PLANT PUMP STATION  
 RIALTO FEEDER BROKEN BACK REPAIR  
 RIALTO FEEDER PCCP REHABILITATION - REACH 1  
 RIALTO FEEDER PCCP REHABILITATION - REACHES 2-3  
 RIALTO FEEDER REHABILITATION  
 RIALTO FEEDER REPAIR, STATION 3662+23  
 RIALTO FEEDER STA 3820+00 MANHOLE REPLACEMENT  
 RIALTO FEEDER VALVE REPLACEMENT  
 RIALTO FEEDER VALVE STRUCTURE  
 RIALTO FEEDER, ENHANCEMENTS AT SELECT LOCATIONS  
 RIALTO FEEDER, REPAIRS AT SELECT LOCATIONS, STUDY  
 RIALTO PIPELINE - CONSTRUCTION PHASE 1  
 RIALTO PIPELINE - CONSTRUCTION - PHASE 1  
 RIALTO PIPELINE - CONSTRUCTION PHASE 2  
 RIALTO PIPELINE - PHASE 2 CONSTRUCTION  
 RIALTO PIPELINE - PHASE 3 DESIGN  
 RIALTO PIPELINE AT DEVIL'S CANYON  
 RIALTO PIPELINE CATHODIC PROTECTION SYSTEM REHABILITATION  
 RIALTO PIPELINE- DELIVERY FACILITIES FOR CYCLIC STORAGE  
 RIALTO PIPELINE IMPROVEMENTS  
 RIALTO PIPELINE IMPROVEMENTS - CONSTRUCTION  
 RIALTO PIPELINE IMPROVEMENTS - CONSTRUCTION PHASE III  
 RIALTO PIPELINE IMPROVEMENTS - DESIGN PHASE 2  
 RIALTO PIPELINE IMPROVEMENTS - DESIGN PHASE 3  
 RIALTO PIPELINE IMPROVEMENTS - FINAL DESIGN  
 RIALTO PIPELINE IMPROVEMENTS - PHASE 2  
 RIALTO PIPELINE IMPROVEMENTS - VALVE PROCUREMENT  
 RIALTO PIPELINE IMPROVEMENTS PHASE 1  
 RIALTO PIPELINE IMPROVEMENTS PHASE 1 FINAL DESIGN  
 RIALTO PIPELINE PCCP REHABILITATION  
 RIALTO PIPELINE REPAIR @ STA 3196+44  
 RIALTO PIPELINE REPAIR AT THOMPSON CREEK  
 RIALTO PIPELINE REPAIRS AT STATION 3198+44  
 RIALTO PIPELINE VALVE PROCUREMENT  
 RIALTO PIPELINE, STA 2921+00 TO 2933+25  
 RIALTO PIPELINE, STA 3050+00 TO 3098+00  
 RIALTO PPLN- INSTALL 2 CATHDIC PROTECTION SYSTEM  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - LOS ANGELES COUNTY REGION  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - O. C. REGION  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - RIVERSIDE AND SAN DIEGO COUNTY REGION  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM - WESTERN SAN BERNARDINO COUNTY REGION  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM RIVERSIDE SAN DIEGO  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM RIVERSIDE SAN DIEGO COUNTY REGION - STAGE 1  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM WESTERN SAN BERNARDINO COUNTY REGION - STAGE 1  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM WESTERN SAN BERNARDINO REGION - STAGE 2  
 RIGHT OF WAY INFRASTRUCTURE PROTECTION PROGRAM WESTERN SAN BERNARDINO REGION - STAGE 3  
 RIGHT OF WAY SURVEY AND MAPPING  
 RIGHT-OF-WAY INFRASTRUCTURE PROTECTION PROGRAM WESTERN SAN BERNARDINO STAGE 1  
 RIO HONDO PRESSURE CONTROL STRUCTURE VALVE REPLACEMENTS  
 RIVERSIDE BRANCH LOWER FDER STATION 527+90  
 RIVERSIDE BRANCH, PLEASANT PEAK, COMMUNICATION BLDG ROOF REPLACEMENT  
 RIVERSIDE BRANCH, UPPER FDR, SANTA ANA RIVER BRIDGE, REPAIR LEAKING COUPLING  
 RIVERSIDE SAN BERNARDINO AND SAN DIEGO REGIONS C AND D ELECTRICAL STRUCTURES REHAB  
 ROBERT B. DIEMER FILTRATION PLANT - LAND ACQUISITION  
 ROOF REPLACEMENT AT SOTO ST. FACILITY  
 ROWIPP PROGRAMMATIC ENVIRONMENTAL DOCUMENT  
 ROWIPP PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR LOS ANGELES CO.  
 ROWIPP PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE ORANGE CO. OPERATING REGION  
 ROWIPP PROGRAMMATIC ENVIRONMENTAL DOCUMENTATION FOR THE RIVERSIDE/SAN DIEGO CO. OPERATING REGION  
 SA-02  
 SA-03  
 SA-04  
 SA-05  
 SA-6  
 SALE OF PARCEL 1408-12-4, I.C. 38274  
 SAN DIEGO #3 BLOWOFF TO PUMPWELL CONVERSION  
 SAN DIEGO 6, PROJECT MGMT  
 SAN DIEGO AND AULD VALLEY CANALS CONCRETE LINER REPAIR  
 SAN DIEGO AQUEDUCT: COTTAGE AND GARAGE AT RAINBOW  
 SAN DIEGO CANAL - EAST & WEST BYPASS SCREENING STRUCTURES STUDY  
 SAN DIEGO CANAL - ELECTRICAL VAULT & CONDUCTOR REPLACEMENT  
 SAN DIEGO CANAL - FENCING  
 SAN DIEGO CANAL - INSTALL ACOUSTIC FLOW METER

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

SAN DIEGO CANAL - PIEZOMETER  
SAN DIEGO CANAL - REPLACE SODIUM BISULFATE TANK  
SAN DIEGO CANAL - SEEPAGE STUDY  
SAN DIEGO CANAL BISULFITE TANK REPLACEMENT  
SAN DIEGO CANAL CONCRETE LINER  
SAN DIEGO CANAL CONCRETE LINER REPLACEMENT ? SITE NO. 1055  
SAN DIEGO CANAL DEWATERING SUMP  
SAN DIEGO CANAL ENLARGEMENT PHASE 2  
SAN DIEGO CANAL LINER REPAIR  
SAN DIEGO CANAL LINER REPAIRS  
SAN DIEGO CANAL MODIFICATION- 5 ADDITIONAL SIPHONS  
SAN DIEGO CANAL PIEZOMETER  
SAN DIEGO CANAL RADIAL GATE (V0-6) REHABILITATION  
SAN DIEGO CANAL RADIAL GATE (VO-8) REHABILITATION  
SAN DIEGO CANAL RADIAL GATE (VO-8) REHABILITATION..  
SAN DIEGO CANAL RADIAL GATE REHAB  
SAN DIEGO CANAL SEEPAGE  
SAN DIEGO CANAL SEEPAGE STUDY  
SAN DIEGO CANAL WEST BYPASS TRASH RACK  
SAN DIEGO CANAL, REPLACE WEST SIDE FENCE  
SAN DIEGO CANAL, SODIUM BISULFATE FEED SYSTEM  
SAN DIEGO CANAL-FENCING REPLACEMENT  
SAN DIEGO PIPELINE # 6 AREA STUDY  
SAN DIEGO PIPELINE # 6 CONTRACT # 1  
SAN DIEGO PIPELINE #4 VALVE REPLACEMENT  
SAN DIEGO PIPELINE #6 ENVIRON MITIG  
SAN DIEGO PIPELINE 1 & 2 REHABILITATION  
SAN DIEGO PIPELINE 1 AND 2 STATION 1214 EXPOSURE REPAIR  
SAN DIEGO PIPELINE 1 BLOW-OFF VALVE REPLACEMENT  
SAN DIEGO PIPELINE 1 RAINBOW TUNNEL LINER REHABILITATION  
SAN DIEGO PIPELINE 3 & 5 REMOTE CONTROL OF BYPASS  
SAN DIEGO PIPELINE 3 PIPING MODIFICATIONS  
SAN DIEGO PIPELINE 4 AND AULD VALLEY PIPELINE CARBON FIBER  
SAN DIEGO PIPELINE 4 AND AULD VALLEY PIPELINE CARBON FIBER REPAIRS  
SAN DIEGO PIPELINE 4 VALVE REPLACEMENT (103808)  
SAN DIEGO PIPELINE 5 & LAKE SKINNER OUTLET REPAIR  
SAN DIEGO PIPELINE 5 AND LAKE SKINNER OUTLET CONDUIT  
SAN DIEGO PIPELINE 6 - PRESSURE CONTROL STRUCTURE/HYDROELECTRIC PLANT - FEASIBILITY STUDY  
SAN DIEGO PIPELINE 6 NORTH REACH ENVIRONMENTAL MONITORING DURING CONSTRUCTION  
SAN DIEGO PIPELINE 6 NORTH REACH, ENVIRONMENTAL MONITORING DURING CONSTRUCTION  
SAN DIEGO PIPELINE 6 NORTH REACH, PROGRAM MANAGEMENT FOR CONSTRUCTION  
SAN DIEGO PIPELINE 6 PROGRAM MGT  
SAN DIEGO PIPELINE 6, NORTH REACH  
SAN DIEGO PIPELINE CONTRACT # 2 MT OL  
SAN DIEGO PIPELINE NO. 1 JOINT REPAIR  
SAN DIEGO PIPELINE NO. 2 ACCESS ROAD RELOCATION  
SAN DIEGO PIPELINE NO. 2 AND 3 -MODIFY INTERCONNECTION  
SAN DIEGO PIPELINE NO. 3 BYPASS  
SAN DIEGO PIPELINE NO. 3 PIPING MODIFICATIONS  
SAN DIEGO PIPELINE NO. 5 - OCT. 2007 FIRE DAMAGE - REPLACE ABOVE GROUND CORROSION CONTROL SYSTEM EQUIPMENT, AND STRUCTURAL APPURTENANCES  
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE BRANCH - ETIWANDA FACILITY/DROP INLET STRUCTURE  
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE BRANCH - PLEASANT PEAK, COMMUNICATIONS  
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL CONSTRUCTION - AS BUILT  
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL COST OF RIGHT OF WAY (OPTIONAL PORTAL SITE)  
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL ENVIRONMENTAL CONSTRUCTION  
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL ENVIRONMENTAL PRELIMINARY DESIGN  
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL PRELIMINARY DESIGN  
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL PROGRAM MANAGEMENT  
SAN DIEGO PIPELINE NO. 6 - RIVERSIDE TUNNEL RIGHT OF WAY PRELIMINARY DESIGN  
SAN DIEGO PIPELINE NO. 6 - CONTRACT NO.1 SAN DIEGO CANAL TO MOUNT OLYMPUS  
SAN DIEGO PIPELINE NO. 6 - CONTRACT NO.2 MOUNT OLYMPUS TUNNEL & PORTALS  
SAN DIEGO PIPELINE NO. 6 - NORTH REACH CONSTRUCTION - AS BUILT  
SAN DIEGO PIPELINE NO. 6 - NORTH REACH ENVIRONMENTAL - CONSTRUCTION  
SAN DIEGO PIPELINE NO. 6 - NORTH REACH ENVIRONMENTAL PRELIMINARY DESIGN  
SAN DIEGO PIPELINE NO. 6 - NORTH REACH FINAL DESIGN & ADV/NTP  
SAN DIEGO PIPELINE NO. 6 - NORTH REACH POST DESIGN  
SAN DIEGO PIPELINE NO. 6 - NORTH REACH PRELIMINARY DESIGN  
SAN DIEGO PIPELINE NO. 6 - NORTH REACH PROGRAM MANAGEMENT - CONSTRUCTION  
SAN DIEGO PIPELINE NO. 6 - NORTH REACH PROGRAM MANAGEMENT - DESIGN  
SAN DIEGO PIPELINE NO. 6 - NORTH REACH RIGHT OF WAY FINAL DESIGN  
SAN DIEGO PIPELINE NO. 6 - NORTH REACH RIGHT OF WAY PRELIMINARY DESIGN  
SAN DIEGO PIPELINE NO. 6 - NORTHERN PIPELINE COST OF RIGHT OF WAY  
SAN DIEGO PIPELINE NO. 6 - NORTHERN REACH ENVIRONMENTAL FINAL DESIGN  
SAN DIEGO PIPELINE NO. 6 - OPERATIONS SCOPING STUDY  
SAN DIEGO PIPELINE NO. 6 - PIPELINE/TUNNEL STUDY - DESIGN  
SAN DIEGO PIPELINE NO. 6 - PIPELINE/TUNNEL STUDY - ENVIRONMENTAL  
SAN DIEGO PIPELINE NO. 6 - PIPELINE/TUNNEL STUDY - PROJECT MANAGEMENT  
SAN DIEGO PIPELINE NO. 6 - PIPELINE/TUNNEL STUDY - RIGHT OF WAY  
SAN DIEGO PIPELINE NO. 6 - PROJECT MANAGEMENT  
SAN DIEGO PIPELINE NO. 6 - RIGHT OF WAY  
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH - PROGRAM MANAGEMENT  
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH / TUNNEL STUDY  
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH CONSTRUCTION / AS BUILT  
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH COST OF RIGHT OF WAY



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

SAN DIEGO PIPELINE NO. 6 - SOUTH REACH ENVIRONMENTAL - CONSTRUCTION  
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH ENVIRONMENTAL FINAL DESIGN  
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH ENVIRONMENTAL PRELIMINARY DESIGN  
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH FINAL DESIGN/ADV  
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH PRELIMINARY DESIGN  
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH RIGHT OF WAY FINAL DESIGN  
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH RIGHT OF WAY PRELIMINARY DESIGN  
SAN DIEGO PIPELINE NO. 6 - SOUTH REACH TUNNEL ALIGNMENT ANALYSIS  
SAN DIEGO PIPELINE NO. 6 AREA STUDY  
SAN DIEGO PIPELINE NO. 6 ENVIRONMENTAL MITIGATION  
SAN DIEGO PIPELINE NO.4 & AULD VALLEY PIPELINE CARBON FIBER REPAIR STUDY  
SAN DIEGO PIPELINE NOS. 1AND 3 - VALVE REPLACEMENT  
SAN DIEGO PIPELINE REPAIR AT STATION 1268+57  
SAN DIEGO PIPELINES 1 & 2, STA 1120+00 TO 1149+00  
SAN DIEGO PIPELINES 1 & 2, STA 113+00 TO 1159+00  
SAN DIEGO PIPELINES 1 & 2, STA 1151+00 TO 1169+00  
SAN DIEGO PIPELINES 1 & 2, STA 1358+00 TO 1366+50  
SAN DIEGO PIPELINES 1 & 2, STA 1358+00 TO 1369+00  
SAN DIEGO PIPELINES 1 & 2, STA 1367+00 TO 1380+00  
SAN DIEGO PIPELINES 1 AND 3, VALVE REPLACEMENT STUDY  
SAN DIEGO PIPELINES 3 & 5 VACUUM VALVE REPLACEMENT PROJECT  
SAN DIEGO PPLN 6 CIP  
SAN DIEGO PPLN 6, ENVIRONMENTAL MITIGATION PLANNING, INITIATION PHASE  
SAN DIEGO PPLN 6, ENVIRONMENTAL NORTHERN PPLN, PRELIMINARY DESIGN  
SAN DIEGO PPLN 6, NORTH REACH FINAL DESIGN/ADV/NTP  
SAN DIEGO PPLN 6, NORTHERN PPLN, PRELIMINARY DESIGN  
SAN DIEGO PPLN 6, PPLN AND TUNNEL ENGR STUDIES, INITIATION PHASE  
SAN DIEGO PPLN 6, PROJECT MGMT, INITIATION PHASE  
SAN DIEGO PIPE NO.5-SCH SD-16, SKINNER TO TEMECULA (SPEC NO. 1065)  
SAN DIEGO PIPE NO.5-SCH SD-17, TEMECULA TO DELIVERY POINT  
SAN DIMAS AND RED MOUNTAIN POWER PLANTS STANDBY DIESEL ENGINE GENERATOR REPLACEMENTS  
SAN DIMAS AND RED MOUNTAIN POWER PLANTS STANDBY DIESEL ENGINE GENERATOR REPLACEMENTS  
SAN DIMAS CONTROL STRUCTURE 500 GALLONS DIESEL TANK REPLACEMENT  
SAN DIMAS HEP BATTERY BANK AND GENERATOR BREAKER  
SAN DIMAS PCS - UNINTERRUPTIBLE POWER SOURCE SYSTEMS INSTALLATION  
SAN DIMAS POWER PLANT  
SAN FRANCISQUITO PIPELINE BLOW OFF STRUCTURE, STA 287+70, ACCESS ROAD CONSTRUCTION  
SAN FRANCISQUITO PIPELINE BLOWOFF STRUCTURE  
SAN GABRIEL CANYON CROSSING SCHEDULE 8C  
SAN GABRIEL PCS ELECTRICAL REPLACEMENTS  
SAN GABRIEL PRESSURE CONTROL STRUCTURE (SPEC NO. 566)  
SAN GABRIEL RIVER SPILLWAY (WEIR 1037.5)  
SAN GABRIEL TOWER AND SPILLWAY IMPROVEMENTS  
SAN GABRIEL TOWER SEISMIC UPGRADE  
SAN GABRIEL TOWER SLIDE GATE  
SAN GABRIEL TOWER SLIDE GATE REHABILITATION  
SAN JACINTO #1 AND #2 CASA LOMA FAULT CROSSING STRUCTURE UPGRADE  
SAN JACINTO DIVERSION STRUCTURE SLIDE GATE (V-03) REPAIRS  
SAN JACINTO DIVERSION STRUCTURE SLIDE GATE V-03 REPLACEMENT  
SAN JACINTO DIVERSION STRUCTURE SLIDE GATES V-01 V-02 REPAIR  
SAN JACINTO PIPELINE, STA 82+50 TO 88+00  
SAN JOAQUIN PRESSURE RELIEF STRUCTURE FOR THE EAST ORANGE COUNTY FEEDER 2  
SAN JOAQUIN RELIEF STRUCTURE FOR EASTERN ORANGE COUNTY FEEDER #2  
SAN JOAQUIN RELIEF STRUCTURE FOR EASTR OC FDR #2  
SAN JOAQUIN RESERVOIR, INSTALL BULKHEAD  
SAN JUAN TUNNEL (SPEC NO. 437)  
SAN MARINO LATERAL: STA. 0+00 TO 54+10, SCH. 45SC  
SAN RAFAEL TUNNELS NO. 1 & NO. 2  
SANTA ANA CROSS FDR(FORMERLY EL TORO PIPELINE) CONNECTS OC AND EOC#2 FDRS  
SANTA ANA CROSS FDR-RELOCATE FLOWER STREET STORM DRAINAGE  
SANTA ANA RIVER BRIDGE EXPANSION JOINT REPLACEMENT  
SANTA ANA RIVER BRIDGE SCHEDULE 2B  
SANTA ANA RIVER BRIDGE SEISMIC RETROFIT  
SANTA ANA RIVER BRIDGE SEISMIC UPGRADE  
SANTA ANA RIVER DISCHARGE PAD - UPPER FEEDER  
SANTA MONICA AND CALABASAS FEEDER BYPASS FOR SECTIONALIZING VALVES  
SANTA MONICA FD.-MODIFY MANHOLE & BLOWOFF STRUCTURE,STA. 4504-86  
SANTA MONICA FDR - HOLLYWOOD TNL. REPLACE 16  
SANTA MONICA FDR SUNSET RELIEF STRUCTURE  
SANTA MONICA FDR.-HOLLYWOOD TUNNEL REPL.16  
SANTA MONICA FEEDER - REPAIR MANHOLE RISERS  
SANTA MONICA FEEDER - REPLACE CAST IRON FLANGES ON LOWER  
SANTA MONICA FEEDER- BETTERMENT OF SERVICE CONNECTION BH-1  
SANTA MONICA FEEDER CAST IRON PIPE REHABILITATION  
SANTA MONICA FEEDER CATHODIC PROTECTION..  
SANTA MONICA FEEDER- HOLLYWOOD TNNL CONTROL STRUCT. REPL.VALVE  
SANTA MONICA FEEDER INTERNAL SEAL INSTALLATION  
SANTA MONICA FEEDER RELOCATION  
SANTA MONICA FEEDER SCHEDULE 29SC (SPEC NO. 328)  
SANTA MONICA FEEDER SCHEDULE 30SC  
SANTA MONICA FEEDER SCHEDULE 31P  
SANTA MONICA FEEDER SCHEDULE 32C1 (SPEC NO. 333)  
SANTA MONICA FEEDER SCHEDULE 33C1  
SANTA MONICA FEEDER STATION 495+10 REHABILITATION

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

SANTA MONICA FEEDER STATION REHABILITATION  
SANTA MONICA FEEDER-GLENDALE SERVICE CONNECTION G-2 RECON T/2  
SANTA MONICA FEEDER-REPLACE CAST IRON FLANGES (PROJECT 102725)  
SANTA MONICA FEEDER-SUNSET RELIEF STRUCTURE-MODIFY STA. 433022  
SANTIAGO CONTROL TOWER CATHODIC PROTECTION  
SANTIAGO CONTROL TOWER SEISMIC IMPROVEMENTS  
SANTIAGO LATERAL ACCESS ROAD REPAIR  
SANTIAGO LATERAL- MOTOR FOR VALVE AT STA 216+40  
SANTIAGO LATERAL REPLACE MOTOR - OPERATED VALVE  
SANTIAGO LATERAL SECTIONALIZATION VALVE REPLACEMENT  
SANTIAGO LATERAL STA 216+40 BUTTERFLY VALVE REPLACEMENT  
SANTIAGO LATERAL, REPLACE MOTOR OPERATED VALVE  
SANTIAGO LATERAL, REPLACE MOTOR OPERATED VALVE (103233)  
SANTIAGO LATERAL: STA. 112+90 TO 451+40,, SCH. 91P (SPEC NO. 477)  
SANTIAGO LTRAL: STA. 0+00 TO 112+90 & SPILLWAY DISCHG. LN, SCH 90SC  
SANTIAGO PRESSURE CONTROL STRUCTURE  
SANTIAGO TOWER ACCESS ROAD IMPROVEMENT  
SC-1  
SC-2A & B  
SC-3  
SC-4  
SC-5A & B  
SCADA COMMUNICATIONS BACKBONE RELIABILITY UPGRADE  
SCADA COMMUNICATIONS MPLS UPGRADE - AT&T REGION (MINOR CAP)  
SCADA COMMUNICATIONS MPLS UPGRADE - VERIZON REGION (MINOR CAP)  
SCADA NETWORK INTRUSION DETECTION SYSTEM  
SCADA SYSTEM HARDWARE UPGRADE  
SCADA SYSTEM NT SOFTWARE UPGRADE  
SCADA SYSTEM SUPPORT PROGRAMS  
SCADA, REPLACE AREA CONTROLS  
SD 03 & 04  
SD AND CASA LOMA CANALS LINING  
SD CANAL EAST & WEST BYPASS SCREENING STRUCTURES STUDY  
SD CANAL REPLACE SODIUM BISULFITE TANK  
SD PIPELINE 3 CULVERT ROAD REHAB  
SD PIPELINE 3,4, AND 5 PROTECTIVE COVER  
SD PIPELINE 4 EXPLORATORY EXCAVATION  
SD PIPELINE 5 EXPLORATORY EXCAVATION  
SD PIPELINES 3 AND 5 REMOTE CONTROL BYPASS STRUCTURE GATES AND ISOLATION VALVES  
SD-02  
SD-04  
SD-05  
SD-08  
SD-09  
SD-10  
SD-11  
SD6 - NORTH REACH POST DESIGN  
SD-MISC  
SECOND LOWER & SEPULVEDA FEEDERS SCI DRAIN STATIONS  
SECOND LOWER CROSS FEEDER - VALVE PROCUREMENT  
SECOND LOWER CROSS FEEDER CONSTRUCTION  
SECOND LOWER CROSS FEEDER FINAL DESIGN  
SECOND LOWER FDR, REPAIRS AT SELECT LOCATIONS  
SECOND LOWER FEEDER - INSTALL LINER  
SECOND LOWER FEEDER - STEEL LINER IN PORTION  
SECOND LOWER FEEDER CATHODIC PROTECTION SYSTEM  
SECOND LOWER FEEDER CURRENT MITIGATION REFURBISHMENT  
SECOND LOWER FEEDER PCCP - REACHES 7, AND 10  
SECOND LOWER FEEDER PCCP 2016 URGENT REPAIRS  
SECOND LOWER FEEDER PCCP REHAB, R/W ACQUISITION  
SECOND LOWER FEEDER PCCP REHAB. - REACH 9  
SECOND LOWER FEEDER PCCP REHABILITATION  
SECOND LOWER FEEDER PCCP REHABILITATION - PRELIMINARY DESIGN  
SECOND LOWER FEEDER PCCP REHABILITATION - PIPE PROCUREMENT DOCUMENTS  
SECOND LOWER FEEDER PCCP REHABILITATION - REACH 1  
SECOND LOWER FEEDER PCCP REHABILITATION - REACH 11  
SECOND LOWER FEEDER PCCP REHABILITATION - REACH 2  
SECOND LOWER FEEDER PCCP REHABILITATION - REACH 3  
SECOND LOWER FEEDER PCCP REHABILITATION - REACH 5  
SECOND LOWER FEEDER PCCP REHABILITATION - REACH 6  
SECOND LOWER FEEDER PCCP REHABILITATION - REACH 8  
SECOND LOWER FEEDER PCCP REHABILITATION - REAL PROPERTY ACQUISITION  
SECOND LOWER FEEDER PCCP REHABILITATION - VALVE PROCUREMENT  
SECOND LOWER FEEDER PCCP REPAIRS  
SECOND LOWER FEEDER REHABILITATION REACH 3 ACOUSTIC FIBER OPTIC PCCP MONITORING SYSTEM  
SECOND LOWER FEEDER RELIABILITY AT 3 LOCATIONS - SEISMIC STUDY  
SECOND LOWER FEEDER- SCH. 107-DIEMER PLNT. TO C.CRK.CONTROL STRUCT.  
SECOND LOWER FEEDER- SCH. 108  
SECOND LOWER FEEDER- SCH. 110 & 111- STA. 830+00 TO 1050+00  
SECOND LOWER FEEDER- SCH. 114 & 115  
SECOND LOWER FEEDER, BIXBY VALVE REPLACEMENT  
SECOND LOWER FEEDER-CARBON CREEK PRESSURE CONTROL STRUCTURE  
SECOND LOWER FEEDER-SCH.112 -WOODRUFF TO W. OF LONG BEACH BLVD.  
SECOND LOWER FEEDER-SCH.113 -W. OF LONG BEACH BLVD.TO ALAMEDA ST.

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

SECOND SAN DIEGO ACQUEDUCT, MISCELLANEOUS CREDITS (SPEC NO. 554)  
 SECOND SAN DIEGO ACQUEDUCT, SCHEDULE SD1C (SPEC NO. 554)  
 SECOND SAN DIEGO ACQUEDUCT, SCHEDULE SD2C (SPEC NO. 554)  
 SECOND SAN DIEGO ACQUEDUCT, SCHEDULE SD3C (SPEC NO. 554)  
 SECOND SAN DIEGO ACQUEDUCT, SCHEDULE SD4C (SPEC NO. 554)  
 SECOND SAN DIEGO AQUEDUCT, SCHEDULE SD10P (SPEC. NO. 537)  
 SECOND SAN DIEGO AQUEDUCT, SCHEDULE SD8P (SPEC. NO. 537)  
 SECOND SAN DIEGO AQUEDUCT, SCHEDULE SD9P (SPEC. NO. 537)  
 SECOND SAN DIEGO AQUEDUCT3, SCHEDULE SD11SC (SPEC. NO. 537)  
 SECURITY FENDING AT OC-88 PUMP PLANT  
 SEISMIC UPGRADE OF 11 FACILITIES ON THE ALLEN MCCOLLOCH PIPELINE  
 SEISMIC UPGRADES AT 10 SERVICE CONNECTION STRUCTURES ALONG AMP  
 SELECTED PRESSURE CONTROL STRUCTURES-REPLACE VALVE POSITION INDICATORS  
 SELECTED PRESSURE REPLACE VALVE POSITION INDICATORS  
 SEPULVEDA CANYON CONTROL FACILITY BYPASS PROJECT  
 SEPULVEDA CANYON CONTROL FACILITY RELIABILITY IMPROVEMENTS  
 SEPULVEDA CANYON CONTROL FACILITY WATER STORAGE TANKS SEISMIC UPGRADE  
 SEPULVEDA CANYON PCS TO VENICE PCS VALVE REPLACEMENTS  
 SEPULVEDA CANYON POWER PLANT TAIL RACE COATINGS  
 SEPULVEDA CANYON TANKS EXTERIOR AND INTERIOR RECOATING  
 SEPULVEDA FDR & 2ND FDR, CORROSION CTRL  
 SEPULVEDA FDR, WEST VALLEY FDR. NO.1- MODIF.OF STRUCTURES PHASE II  
 SEPULVEDA FEEDER - CARBON FIBER LINER REPAIRS  
 SEPULVEDA FEEDER CATHODIC PROTECTION SYSTEM  
 SEPULVEDA FEEDER CFRP URGENT RELINING  
 SEPULVEDA FEEDER CORROSION/INTERFERENCE MITIGATION, STATION 950+00 TO 1170+00  
 SEPULVEDA FEEDER- CULVER CITY FDR. TO WEST COAST FDR.  
 SEPULVEDA FEEDER- EL SEGUNDO BLVD. TO 220TH ST.,SCH. 133 AND 134  
 SEPULVEDA FEEDER HEP AUTO PILOT  
 SEPULVEDA FEEDER- INTERCONNECT BALBOA TUNNEL TO 1ST LA AQ (DWP)  
 SEPULVEDA FEEDER PCCP 2016 URGENT REPAIRS  
 SEPULVEDA FEEDER PCCP CARBON FIBER JOINT REPAIRS  
 SEPULVEDA FEEDER PCCP DEL AMO BLVD URGENT RELINING  
 SEPULVEDA FEEDER PCCP REHABILITATION - REACH 1  
 SEPULVEDA FEEDER PCCP REHABILITATION - REACH 2  
 SEPULVEDA FEEDER PCCP REHABILITATION - REACH 3  
 SEPULVEDA FEEDER PCCP REHABILITATION - REACH 4  
 SEPULVEDA FEEDER PCCP REHABILITATION - REACH 5  
 SEPULVEDA FEEDER PCCP REHABILITATION - SOUTH REACH PDR AND NORTH REACH PDR THROUGH CONSTRUCTION  
 SEPULVEDA FEEDER PIPELINE REPAIR  
 SEPULVEDA FEEDER REPAIRS AT 3 SITES  
 SEPULVEDA FEEDER- SCH. 123, 124 AND 125  
 SEPULVEDA FEEDER- SEPULVEDA CANYON CONTROL FACILITY  
 SEPULVEDA FEEDER- SEPULVEDA TUNNEL TO SLAUSON AVE.  
 SEPULVEDA FEEDER- SEPULVEDA TUNNEL, SCH.126  
 SEPULVEDA FEEDER SOUTH CATHODIC PROTECTION SYSTEM  
 SEPULVEDA FEEDER STATION 2002+02 TO 2273+28 STRAY CURRENT INTERFERENCE MITIGATION  
 SEPULVEDA FEEDER STRAY CURRENT MITIGATION  
 SEPULVEDA FEEDER STRAY CURRENT MITIGATION REFURBISHMENT  
 SEPULVEDA FEEDER SYSTEM- CALABASAS FEEDER  
 SEPULVEDA FEEDER- VENICE PRESSURE CONTROL STRUCTURE  
 SEPULVEDA FEEDER, RELOCATION OF AIR VENT  
 SEPULVEDA FEEDER/EAST VALLEY FEEDER INTERCONNECTION ELECTRICAL UPGRADES  
 SEPULVEDA FEEDER-SCH.119,120,121& 122-BALBOA TRT.PLT. TO CHTSWRTH.ST  
 SEPULVEDA HEP AUTO PILOT VALVES  
 SEPULVEDA HEP TAILRACE COATINGS  
 SEPULVEDA PCS - PERIMETER ASPHALT REPAIRS  
 SEPULVEDA PIPELINE PCCP REHABILITATION  
 SEPULVEDA TANKS CATHODIC PROTECTION SYSTEM  
 SEPULVEDA WEST VALLEY AND EAST VALLEY FEEDERS INTERCONNECTION  
 SEPULVEDAFEEDER/EASTVALLEYFEEDERINTERCONNECTIONELECTRICALUPGRADES  
 SEPULVEDA-WEST BASIN INTERCONNECTION VALVE REPLACEMENT  
 SEPULVEDA-WEST BASIN INTERCONNECTION VALVE REPLACEMENTS  
 SEPULVEDE FDR-STRAY CURRENT INTERFERENCE  
 SERVICE AREA INTERCONNECTION ENHANCEMENT PROGRAM  
 SERVICE CONN. DW-CV-4, VALVE STRUCTURE,WATER SIPHON, STA. 9698+00  
 SERVICE CONN. DW-CV-4,WHITE WATER SIPHON (2ND BARREL)STA. 9698+00  
 SERVICE CONNECTION A-02 REHABILITATION  
 SERVICE CONNECTION B-06 CITY OF BURBANK  
 SERVICE CONNECTION C8-19 SAN GABRIEL VALLEY WATER  
 SERVICE CONNECTION CB-11B - CHINO BASIN  
 SERVICE CONNECTION CB-14 Y CB20 IE UTIL  
 SERVICE CONNECTION CENB-29 EQUIPMENT RELOCATION  
 SERVICE CONNECTION CENB-54-STA-168 CENTRAL BASIN MWD  
 SERVICE CONNECTION CENB-55 CENTRAL BASIN MWD  
 SERVICE CONNECTION CLWA-01 - MODIFICATIONS  
 SERVICE CONNECTION CM-5 CITY OF NEW PORT  
 SERVICE CONNECTION EM-01A  
 SERVICE CONNECTION EM-20  
 SERVICE CONNECTION EM-20 - EASTERN  
 SERVICE CONNECTION EM20 SURGE ANALYSIS  
 SERVICE CONNECTION EM-22  
 SERVICE CONNECTION EM-23  
 SERVICE CONNECTION F-08 MODIFICATIONS - FULLERTON

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

SERVICE CONNECTION FLOWMETER REPLACEMENT  
SERVICE CONNECTION G-03 CITY OF GLENDALE  
SERVICE CONNECTION IRVINE RANCH WATER DIST, OC33 MOD  
SERVICE CONNECTION LA 25, BYPASS PIPELINE  
SERVICE CONNECTION LA-100 - LOS ANGELES  
SERVICE CONNECTION LA-17 FLOWMETER REPLACEMENTS  
SERVICE CONNECTION LA-17 REHABILITATION  
SERVICE CONNECTION LA-29 MODIFICATIONS - LOS ANGELES  
SERVICE CONNECTION LA-37A - LOS ANGELES  
SERVICE CONNECTION LB-01 - LONG BEACH  
SERVICE CONNECTION LB-01D - LONG BEACH  
SERVICE CONNECTION LOS ANGELES 5  
SERVICE CONNECTION LOS ANGELES 7  
SERVICE CONNECTION LV-01 UPGRADES  
SERVICE CONNECTION LV-03 LAS VIRGENES MWD  
SERVICE CONNECTION OC-26 - RELOCATION OF METER CABINET, INSTRUMENT HOUSING & AIR VENT STACK  
SERVICE CONNECTION OC-26, RELOCATION OF METER CABINET, INSTRUMENT  
SERVICE CONNECTION OC-38 - ORANGE CITY  
SERVICE CONNECTION OC-51 MODIFICATION  
SERVICE CONNECTION OC-70 - ORANGE CITY  
SERVICE CONNECTION OC-79 MODIFICATIONS - MWDOC  
SERVICE CONNECTION P1  
SERVICE CONNECTION P-1-UPPER FEEDER (ORG CONST)  
SERVICE CONNECTION PM-24 MODIFICATIONS - THREE VALLEY MWD  
SERVICE CONNECTION PM-26 MODIFICATIONS - THREE VALLEY MWD  
SERVICE CONNECTION PM-28 - THREE VALLE  
SERVICE CONNECTION RIALTO  
SERVICE CONNECTION RIALTO- THREE VALLEY  
SERVICE CONNECTION SA-3 CITY OF SANA ANA  
SERVICE CONNECTION SA-3 ORANGE COUNTY FEEDER- BRISTOL  
SERVICE CONNECTION SA-4 - SANTA ANA  
SERVICE CONNECTION SCADA UPGRADE PRJT, CNEB-3,5,6,12,23,35,51  
SERVICE CONNECTION SD-02 SAN DIEGO WATER AUTHORITY  
SERVICE CONNECTION SD-7 STUDY - SDCWA  
SERVICE CONNECTION SGV-01 - SAN GABRIEL  
SERVICE CONNECTION SMR-01  
SERVICE CONNECTION WB13 - WEST BASIN FEEDER  
SERVICE CONNECTION WB-26 - RIVERSIDE  
SERVICE CONNECTION WB-2A & WB-2B EQUIPMENT RELOCATION  
SERVICE CONNECTIONS CB-12 & CB-16 TURNOUT VALVE REPLACEMENT & ELECTRICAL UPGRADE  
SERVICE CONNECTIONS WB-2A AND WB-2B EQUIPMENT RELOCATION  
SF-01  
SIERRA MADRE TUNNEL  
SIMULATION AND MODELING APPLICATION FOR REAL TIME OPERATIONS SMART OPS  
SITE 3 SECOND LOWER FEEDER URGENT REPAIRS  
SITE 3 SECOND LOWER FEEDER URGENT REPAIRS - FINAL DESIGN  
SITES 1 & 2 SECOND LOWER FEEDER URGENT REPAIRS  
SITES 1 & 2 SECOND LOWER FEEDER URGENT REPAIRS - FINAL DESIGN & PIPE FABRICATION  
SKINNER BRANCH- CONSTRUCT 50FT X 150FT METAL STORAGE BLDG  
SKINNER ACCUSONIC FLOWMETER REPLACEMENT  
SKINNER BRANCH - AIR INJECTION MODIFICATIONS TO RED MOUNTAIN POWER PLANT  
SKINNER BRANCH - CASA LOMA CANAL  
SKINNER BRANCH - CASA LOMA SIPHON BARREL ONE  
SKINNER BRANCH - CATWALK FOR TRAVELING MAINTENANCE BRIDGE FOR  
SKINNER BRANCH - FABRICATE & REPLACE THE STEMS, NUTS & KEYS  
SKINNER BRANCH - REPAIR MODULE 1 AND 2 FLOCCULATORS BRIDGES  
SKINNER BRANCH, SAN DIEGO CANAL ACOUSTIC FLOW METER  
SKINNER BRANCH, UPGRADE EXISTING PUBLIC ADDRESS & ALARM SYS  
SKINNER BYPASS PIPELINE CHLORINATION SYSTEM  
SKINNER DAM REMEDIATION  
SKINNER DISTRIBUTION SYSTEM - CONTRACT # 1396  
SKINNER EGEN UST UPGRADE - LLD INSTALLATION  
SKINNER ELECTRICAL BUILDING HVAC UPGRADE  
SKINNER FACILITY AREA PAVING  
SKINNER FILTR. PLANT- CATHODIC PROTECTION  
SKINNER FILTRATION PLANT - ELEVATED SLAB IN SERVICE BLDG 1  
SKINNER HELIPAD REHAB  
SKINNER INDUSTRIAL WATER PUMP CONTROL UPGRADE  
SKINNER ORP SWITCHGEAR BATTERY REPLACEMENT  
SKINNER PLANT 1 LOSS OF HEAD ULTRASONIC METER REPLACEMENT  
SKINNER PLANT IMPROVEMENT PROGRAM, EFFLUENT TANK BYPASS  
SKINNER REPLACEMENT FOR WETCELL BATTERY AND INVERTER  
SKINNER SCADA SERVERS RELOCATION  
SKINNER SPARGER PUMP REPLACEMENT  
SKINNER SPILLWAY REHABILITATION  
SKINNER, REPLACE WILLOWGLEN RTU  
SMART-OPS (FORMERLY RTOS)  
SMN-02  
SOLAR FROM CWE  
SOMMS - MATERIALS INTERFACE & MOBILE TECHNOLOGY  
SOTO ST FAC-REPL HEAT & A/C SYSTEM  
SOTO ST. FACILITY - SECURITY & HVAC REPLACEMENT  
SOTO STREET FACILITY - BUILDING SEISMIC UPGRADE  
SOTO STREET FACILITY - REPLACE HEATING

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

SOTO STREET FACILITY - ROOF REPLACEMENT  
SOUTH COAST FEEDER, SCH 68 PS AND 69PS (SPEC NO. 667)  
SOUTH COUNTY PIPELINE PROTECTION AT SAN JUAN CREEK  
SOUTH COUNTY PIPELINE PROTECTION AT SAN JUAN CREEK CROSSING  
SOUTH REACH / TUNNEL STUDY  
SOUTH REACH CONSTRUCTION/ASBUILT - FUTURE UNAPPROPRIATED  
SOUTH REACH DESIGN - FUTURE/UNAPPROPRIATED  
SOUTH REACH ENVIRONMENTAL - FUTURE/UNAPPROPRIATED  
SOUTH REACH FEASIBILITY STUDY  
SOUTH REACH PROJECT MANAGEMENT - FUTURE/UNAPPROPRIATED  
SOUTH REACH RIGHT OF WAY - FUTURE/UNAPPROPRIATED  
SPECIAL SERVICE BRANCH - REPLACE PLATE BENDING  
SPECIAL SERVICES BRANCH, INSTALL EMERGENCY GENERATOR FOR SHOPS  
ST. JOHN'S CANYON CHANNEL EROSION MITIGATION  
ST. JOHN'S CANYON CHANNEL REPAIR AND MODIFICATIONS  
STATION 1094+93 TO 1331+00 (SCH SD12PS)  
STATION 1278+00 TO 1291+00 - ORANGE COUNTY FEEDER (ORG CONST)  
STATION 1331+00 TO 1593+14 (SDH SD13PS)  
STATION 1553+50 TO 1820+50 (SCH SD14SG)  
STATION 1820+50 TO SAN DIEGO COUNTY LINE (SCH SD15SG)  
STRUCTURE MODIFICATIONS TO SAN DIEGO PIPELINE'S # 1 AND 2  
STRUCTURES, PHASE 2 -WEST VALLEY FEEDER NO. 1 (INTERIM CONST)  
SUNSET MAINTENANCE CENTER HOIST REPLACEMENT  
SURGE SUPPRESSION SYSTEM AT OC-8  
SVC CONNECT 2ND LOWER FEEDER STA 1866+00-1875+00  
SVC CONNECT ALLEN MCCOLLOCH STA 289+00+292+00  
SVC CONNECT ALLEN MCCOLLOCH STA 30+90-46+10  
SVC CONNECT AULD VALLEY PIPELINE  
SVC CONNECT BOX SPRINGS FEEDER STA 216+80-265+50  
SVC CONNECT BOX SPRINGS FEEDER STA 51+50-54+75  
SVC CONNECT CALH-03  
SVC CONNECT CULVER CITY FEEDER STA 498+00-489+00  
SVC CONNECT CULVER CITY FEEDER STA 533+00-543+00  
SVC CONNECT DVL, SKINNER, SD CANAL  
SVC CONNECT EAST OC FEEDER STA 1043+00-1059+00  
SVC CONNECT EAST OC FEEDER STA 1149+45  
SVC CONNECT EAST OC FEEDER STA 1219+00-1241+00  
SVC CONNECT EM-24, PERRIS VALLEY  
SVC CONNECT FOOTHILL FEEDER CLWA-1  
SVC CONNECT FOOTHILL FEEDER STA 209+85-279+80  
SVC CONNECT FOOTHILL FEEDER STA 381+00-384+00  
SVC CONNECT LA-29A  
SVC CONNECT LAS POSAS WELLFIELD  
SVC CONNECT LOWER FEEDER STA 286+90-307+50  
SVC CONNECT LOWER FEEDER STA 307+00-326+00  
SVC CONNECT LOWER FEEDER STA 475+60-484+60  
SVC CONNECT LOWER FEEDER STA 484+80  
SVC CONNECT OC FEEDER STA 1299+50 ETC.  
SVC CONNECT OC FEEDER STA 1437+50-1442+50  
SVC CONNECT OC FEEDER STA 1656+50-1736+60  
SVC CONNECT OC FEEDER STA 1969+50-1974+50  
SVC CONNECT OC FEEDER STA 937+00-948+00  
SVC CONNECT RIALTO PIPELINE STA 4046+00-4059+00  
SVC CONNECT RIALTO PIPELINE STA 4056+00-4070+00  
SVC CONNECT RIALTO PIPELINES STA 3305+36 TO 3316+00  
SVC CONNECT RIALTO PIPELINES STA 4046+00-4070+00  
SVC CONNECT RIALTO STA 3390+00-3440+00  
SVC CONNECT SA-03 MODIFICATIONS AND WILLITS PRESSURE CONTROL STRUCT  
SVC CONNECT SAN FRANCISQUITO STA 269+50-293+00  
SVC CONNECT SAN JOAQUIN RESERVOIR  
SVC CONNECT SANTIAGO LATERAL & SPILLWAY DISCHARGE  
SVC CONNECT SD PIPELINES STA 1326+00-1327+00  
SVC CONNECT SD PIPELINES STA 1376+00-1470+00  
SVC CONNECT SD PIPELINES STA 1391+50-1394+50  
SVC CONNECT SD PIPELINES STA 1574+00-1584+60  
SVC CONNECT SD STA 1191+00-193+00, 1176+00-1303+00  
SVC CONNECT SD STA 1971+00-1981+00  
SVC CONNECT SD STA 268+26, 268+39  
SVC CONNECT SEPULVEDA FEEDER STA 1037+55  
SVC CONNECT UPPER FEEDER STA 1044+00-1049+50  
SVC CONNECT UPPER FEEDER STA 1064+50-1065+50  
SVC CONNECT UPPER FEEDER STA 2006+00-2013+00  
SVC CONNECT UPPER FEEDER STA 421+61  
SVC CONNECT UPPER FEEDER STA 907+50-920+50  
SVC CONNECT VICTORIA STREET LATERAL  
SVC CONNECT WEST VALLEY FEEDER STA 1218+55  
SVC CONNECT WEST VALLEY FEEDER STA 226+00-269+00  
SYSTEM RELIABILITY PROGRAM  
SYSTEM STATUS DISPLAY, OPERATIONS CONTROL CENTER  
SYSTEM-WIDE ASPHALT REPLACEMENT  
T-05  
T-06  
T-07  
T-08

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

TELECOMM INFRASTRUCTURE UPGRADE PROGRAM, REPLACE DATA CENTER SWITCHES  
 TELECOMM INFRASTRUCTURE UPGRADE PROGRAM, REPLACE HUBS AT FIELD SITES  
 TELECOMM INFRASTRUCTURE UPGRADE PROGRAM, REPLACE ROUTERS AT FIELD SITES  
 TELECOMM INFRASTRUCTURE UPGRADE PROGRAM, TWO-WAY RADIO SYSTEM UPGRADE  
 TEMESCAL POWER PLANT REPLACE EMERGENCY GENERATOR  
 TESTING PROGRAM AT YORBA LINDA TEST FACILITY  
 TORRANCE LATERAL EXTENSION  
 TORRANCE LATERAL EXTENSION SCHEDULE 40A  
 TORRANCE LATERAL SCHEDULE 27SC  
 TOTAL ORGANIC CARBON (TOD) ANALYZER REPLACEMENT  
 TREATED WATER CROSS CONNECTION PREVENTION - FINAL DESIGN & CONSTRUCTION  
 TREATED WATER CROSS CONNECTION PREVENTION - UNFUNDED WORK  
 TURNOUT STRUCTURE, SERVICE CONNECTION G-2-SANTA MONICA FDR (ORG CONST)  
 TWO STRAY CURRENT INTERFERENCE BONDS W ORANGE COUNTY FDR  
 TWO-WAY RADIO ENHANCEMENT - EMERGENCY SERVICES, FIRE CONTROL, EVACUATION & BLDG. MAINT.  
 TWO-WAY RADIO ENHANCEMENT FOR EMERGENCY SERVICES, FIRE CONTROL, EVACUATION AND BLDG. MAINTENANCE  
 UF RAW VACUUM VALVES AND BLOWOFF IMPROVEMENTS  
 UNDER GROUND STORAGE TANK DISPENSER SPILL CONTAINMENT & REMEDIATION  
 UNION STATION EGEN UST UPGRADE, LINE LEAK DETECTOR INSTALLATION  
 UNION STATION TWO-WAY RADIO ENHANCEMENT FOR EMERGENCY SERVICES, FIRE CONTROL, EVACUATION AND BUILDING MAINTENANCE  
 UPGRADE CATHODIC PROTECTION RECTIFIERS  
 UPGRADE HOLLYWOOD TUNNEL PORTAL SLEEVE VALVE EQUIPMENT  
 UPGRADE SUNSET GARAGE  
 UPPER FEEDER - CATHODIC PROTECTION (SCH 25)  
 UPPER FDR-MODIFY PUDDINGSTONE SPILLWAY, STA.1950+62.71  
 UPPER FEEDER - SANTA ANA RIVER BRIDGE LINING REPAIRS  
 UPPER FEEDER - SANTA ANA RIVER BRIDGE REPAIRS  
 UPPER FEEDER - STRUCTURAL PROTECTION  
 UPPER FEEDER AIR ENTRAINMENT  
 UPPER FEEDER BLOW OFF STRUCTURE REPLACEMENT  
 UPPER FEEDER EMERGENCY EXPANSION JOINT REPLACEMENT  
 UPPER FEEDER GATE REHABILITATION  
 UPPER FEEDER JUNCTION STRUCTURE SEISMIC UPGRADE  
 UPPER FEEDER- ROAD ACCESS TO SANTA ANA BRIDGE  
 UPPER FEEDER SANTA ANA RIVER BRIDGE SEISMIC MODIFICATION  
 UPPER FEEDER SANTA ANA RIVER DISCHARGE PAD  
 UPPER FEEDER SCHEDULE 10P  
 UPPER FEEDER SCHEDULE 11P  
 UPPER FEEDER SCHEDULE 1P  
 UPPER FEEDER SCHEDULE 2S  
 UPPER FEEDER SCHEDULE 3P  
 UPPER FEEDER SCHEDULE 4P  
 UPPER FEEDER SCHEDULE 5P  
 UPPER FEEDER SCHEDULE 6P  
 UPPER FEEDER SCHEDULE 7P  
 UPPER FEEDER SCHEDULE 8P  
 UPPER FEEDER SCHEDULE 9P  
 UPPER FEEDER- SERVICE CONNECTION P-1  
 UPPER FEEDER SERVICE CONNECTION, P-1, FM-1, AND SMR-1 REHABILITATION  
 UPPER FEEDER SERVICE CONNECTIONS UPGRADES  
 UPPER FEEDER TO ACCOMMODATE SANTA FE RAILWAY EXPANSION  
 UPPER FEEDER URGENT REPAIRS AT STA 3239+00  
 UPPER FEEDER, MANHOLE MODIFICATION, STATION 1464+50  
 UPPER FEEDER, MANHOLE MODIFICATION, STATION 1495+54  
 UPPER FEEDER, MANHOLE MODIFICATION, STATION 1757+86  
 UPPER FEEDER, STA 1048+70 TO 1051+77  
 UPPER FEEDER, STA 1146+46 TO 116+50  
 UPPER FEEDER, STRUCTURAL PROTECTION, FINAL DESIGN  
 UPPER FEEDER: SERVICE CONN. FOR FOOTHILL M.W.D. IN PASADENA  
 UPPER FEEDER:COTTAGE AND GARAGE AT EAGLE ROCK CONTROL TOWER  
 UPPER FEEDER-REPLACE MAGNETIC FLOWMETER  
 UPPER NEWPORT BACKBAY BLOW?OFF STRUCTURE REHABILITATION  
 UPPER NEWPORT BAY BLOW-OFF STRUCTURE REHABILITATION  
 UPS SYSTEMS INSTALLATION AT FOOTHILL PCS  
 UPS SYSTEMS INSTALLATION AT PERRIS CONTROL STRUCTURE  
 US-2  
 USG-01  
 USG-02  
 USG-03  
 USG-04  
 USG-05  
 USG-06  
 USG-07  
 USG-08  
 USG-09  
 UTILITY BUSINESS ARCHITECTURE (OBJECT MAPPING/MODELING)  
 VACUUM AIR RELEASE VALVE RELOCATION PILOT PROGRAM  
 VALLEY & LOS ANGELES DISTRIBUTION VALVE POSITION DISPLAY UPGRADE  
 VALLEY BRANCH, PPLN CORROSION TEST STATION  
 VALLEY VIEW HYDROELECTRIC GENERATOR REFURBISHMENT  
 VALLEY VIEW METERING CIRCUIT MODIFICATIONS  
 VALVE PALOS VERDE FEEDER  
 VALVE PROCUREMENT  
 VALVE, 20

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

VALVE,24  
 VALVE-ASCOT-GARVEY CROSS FEEDER  
 VALVE-HOLLYWOOD TUNNEL CNTRL STRUCTURE - SANTA MONICA FDR (INTERIM CONST)  
 VALVES - PALOS VERDES FEEDER  
 VENICE PCS VALVE REFURBISHMENT  
 VICTORIA ST. LATERAL EXTN. & VICTORIA ST.-223RD ST. CROSS FEEDER  
 VICTORIA STREET LATERAL: STA. 0+00 TO 147+62 (SCH. 46P)  
 VIDEO CONFERENCE REPLACEMENT  
 VIDEO CONFERENCE SYSTEM UPGRADE  
 VIDEOCONFERENCING UPGRADE  
 WADSWORTH PUMP DISCHARGE TO EASTSIDE PIPELINE INTERCONNECTION  
 WADSWORTH PUMP PLANT STOP LOGS  
 WADSWORTH PUMPING PLANT - MODIFICATION/REPAIRS OF FIFTY-NINE 6.9KV BREAKERS/CABINETS  
 WADSWORTH PUMPING PLANT CONDUIT REPAIR AND PROTECTION  
 WADSWORTH PUMPING PLANT CONTROL & PROTECTION UPGRADE  
 WADSWORTH PUMPING PLANT CONTROL & PROTECTION UPGRADE, PRELIMINARY DESIGN  
 WADSWORTH PUMPING PLANT CONTROL & PROTECTION UPGRADES  
 WADSWORTH PUMPING PLANT FOREBAY GANTRY CRANE UPGRADE  
 WADSWORTH PUMPING PLANT RECOATING 144" YARD PIPING  
 WADSWORTH PUMPING PLANT SLEEVE VALVE REFURBISHMENT  
 WADSWORTH PUMPING PLANT STOP LOGS ADDITION - STUDY  
 WADSWORTH PUMPING PLANT YARD PIPING LINING REPLACEMENT  
 WADSWORTH YARD PIPING LINING REPAIRS  
 WADSWORTH/DVL CONTROL & PROTECTION SYSTEM UPGRADE - UPS REPLACEMENT  
 WASHINGTON D.C. OFFICE LEASE AT 500 NEW JERSEY AVENUE N.V.  
 WASHINGTON PCS ON PV FDR- PLATFORMS/LADDERS  
 WASHINGTON STREET PRESSURE CONTROL STRUCTURE VALVE REPLACEMENT  
 WATER DELIVERY SYSTEM AUTOMATION  
 WATER ORDERING & EVENT SCHEDULING SYSTEM  
 WATER PLANNING APPLICATION  
 WATER QUALITY - REMOTE MONITORING  
 WATER QUALITY LABORATORY BUILDING EXPANSION  
 WATER QUALITY MONITORING AND EVENT DETECTION SYSTEM  
 WB-01  
 WB-02A  
 WB-02B  
 WB-03  
 WB-06A  
 WB-06B  
 WB-06B METER REPLACEMENT PROJECT  
 WB-07  
 WB-08  
 WB-09  
 WB-10  
 WB-11  
 WB-12  
 WB-13  
 WB-18  
 WB-19  
 WB-21  
 WB-22  
 WB-23  
 WB-24  
 WB-25  
 WB-26A  
 WB-27  
 WB-28  
 WB-28 SERVICE CONNECTION MODIFICATIONS  
 WB-29  
 WB-30  
 WB-31  
 WB-32  
 WB-33  
 WB-34  
 WB-36  
 WB-37  
 WB-39  
 WB-40  
 WB-MISC  
 WCF/PVF INTERCONNECTION VALVE AUTOMATION  
 WD-28  
 WEST BASIN LATERAL EXTENSION  
 WEST BASIN LATERAL: STA.4+95 TO 355+19 (SCH.43P)  
 WEST BASIN LATERAL: STA.4+95 TO 355+19, SCH.43P (SPEC NO. 378)  
 WEST COAST FEEDER - CATHODIC PROTECTION SYSTEMS  
 WEST COAST FEEDER, DISCOUNTS & MISCELLANEOUS CREDITS  
 WEST COAST FEEDER, SCHEDULE 65SC (SPEC. NO. 560)  
 WEST COAST FEEDER, SCHEDULE 66SC (SPEC NO. 560)  
 WEST COAST FEEDER, SCHEDULE 67SC (SPEC NO. 560)  
 WEST OC FEEDER VALVE REPLACEMENT  
 WEST ORANGE COUNTY FDR, RELOCATE STATIONS 132+16 TO 132+74  
 WEST ORANGE COUNTY FDR. PCS-INSTALL 480V 3 PHASE ELEC. SERVICE  
 WEST ORANGE COUNTY FEEDER (WOCF) VALVE REPLACEMENT  
 WEST ORANGE COUNTY FEEDER BLOWOFF DRAIN LINE REHABILITATION ENGINEERING CHANGE



**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

WEST ORANGE COUNTY FEEDER OC-09 REHABILITATION  
WEST ORANGE COUNTY FEEDER -RELOCATION AT STATION 456+00+  
WEST ORANGE COUNTY FEEDER SERVICE CONNECTION OC-09 REHABILITATION  
WEST ORANGE COUNTY FEEDER- STA.0/03 TO 458/90, SCH. 60SC (SPEC #427)  
WEST ORANGE COUNTY FEEDER VALVE REPLACEMENT  
WEST ORANGE COUNTY FEEDERCATHODIC PROTECTION  
WEST VALLEY #1 FEEDER (FORMERLY CALLEGUAS CONDUIT)  
WEST VALLEY AREA STUDY  
WEST VALLEY FACILITIES STUDY  
WEST VALLEY FEEDER # 1 STAGE 2 VALVE STRUCTURE MODIFICATIONS - CONSTRUCTION  
WEST VALLEY FEEDER NO 1 - STAGE 2 VALVE STRUCTURE MODIFICATIONS  
WEST VALLEY FEEDER NO. 1 - DE SOTO VALVE STRUCTURE IMPROVEMENTS  
WEST VALLEY FEEDER NO. 1 - DE SOTO VALVE STRUCTURES IMPROVEMENT  
WEST VALLEY FEEDER NO. 1 - STAGE 3 IMPROVEMENTS  
WEST VALLEY FEEDER NO. 1 ACCESS ROADS AND STRUCTURE IMPROVEMENTS (STAGE 2)  
WEST VALLEY FEEDER NO. 1 ACCESS ROADS AND STRUCTURE IMPROVEMENTS (STAGE 3)  
WEST VALLEY FEEDER NO. 1 ACCESS ROADS AND STRUCTURES IMPROVEMENTS  
WEST VALLEY FEEDER NO. 1 STAGE 2 VALVE STRUCTURE MODIFICATIONS  
WEST VALLEY FEEDER NO. 1 STRUCTURES - PIPING IMPROVEMENTS  
WEST VALLEY FEEDER NO. 1 VALVE STRUCTURE MODIFICATIONS  
WEST VALLEY FEEDER NO. 2- ALISO CREEK TO FULLBRIGHT PLACE  
WEST VALLEY FEEDER NO. 2- FULLBRIGHT TO SANTA SUSANA TUNNEL  
WEST VALLEY FEEDER NO. 2- HAVENHURST ST. TO CHATSWORTH ST.  
WESTERN MWD CONNECTIONS (Z-39)  
WESTERN REGION DISTR SYS CATHODIC PROTECTION REMOTE MONITORING REFURBISHMENT  
WESTERN REGION PLUMBING RETROFIT  
WESTERN SAN BERNARDINO COUNTY REGION ENVIRONMENTAL MITIGATION MONITORING  
WESTORANGE COUNTY FDR EXT - STA. 459+01 TO 685+00, SCH. 61SC  
WEYM. PLT/LA VERNE FAC-BACKFLO PREV ASSY  
WEYMOUTH - 140" EFFLUENT CONDUIT ROOF REPAIR  
WEYMOUTH - BUILDING NO. 4 - HAND RAIL AND STAIRS ADDITION  
WEYMOUTH - FLAG POLE AREA LANDSCAPE UPGRADE  
WEYMOUTH ASPHALT REHABILITATION  
WEYMOUTH COMPRESSED AIR SYSTEM  
WEYMOUTH DISTRIBUTION SYSTEM - REPLACEMENT OF AREA CONTROL SYSTEMS - CONTRACT #1396  
WEYMOUTH DOMESTIC WATER PIPELINE REPLACEMENT  
WEYMOUTH ELECTRIC VEHICLE CHARGING STATION INSTALLATION  
WEYMOUTH FILT PLT, REPLACE AND REFURBISH SOLIDS HANDLING (103206)  
WEYMOUTH FILTER BUILDING VENTURI REHABILITATION  
WEYMOUTH FILTER OUTLET CONDUIT REPAIRS  
WEYMOUTH FILTR. PANT- SOUTHER SALT STORAGE BASIN  
WEYMOUTH FLOCCULATOR REHABILITATION  
WEYMOUTH IMPROVEMENT PROGRAM, BASINS 3 & 4 REHABILITATION  
WEYMOUTH SOLAR POWER FACILITIES  
WEYMOUTH WATER TREATMENT PLANT DOMESTIC AND FIRE WATER SYSTEM IMPROVEMENT  
WEYMOUTH WTP, FILTER BUILDING 1 BACKWASH HEADER VALVE REPLACEMENT  
WEYMOUTH, REPLACE WILLOWGLEN RTU  
WEYMOUTH SOLAR POWER PLANT  
WFP - ASPHALT REHABILITATION  
WFP - COMPRESSED AIR SYSTEM IMPROVEMENT  
WFP - PURCHASE OF REAL PROPERTY  
WFP - REPAIR TO BLDG # 1  
WHEELER AVENUE LANDSCAPE SCREENING  
WHEELER GATE STORMWATER IMPROVEMENT  
WHITEWATER SIPHONS EROSION PROTECTION  
WILLITS ST. PCS VALVE ACTUATOR REPLACEMENT  
WILLITS STREET PRESSURE CONTROL STRUCTURE REHABILITATION  
WILLOWGLEN RTU REPLACEMENT  
WR-01  
WR-02  
WR-09  
WR-10  
WR-12  
WR-13  
WR-14  
WR-15  
WR-17  
WR-18A  
WR-19  
WR-20  
WR-21  
WR-23  
WR-24A  
WR-24C  
WR-24D  
WR-24D FLOWMETER REPLACEMENT  
WR-25  
WR-26  
WR-27  
WR-28  
WR-29  
WR-33  
WRITE OFF DEMOLISHED MASTER METER AT SANTA ANA CROSS FDR  
YORBA LINDA FEEDER - STA 924+11 PORTAL ACCESS

**TABLE 3**  
**CONVEYANCE, DISTRIBUTION, AND STORAGE SYSTEM COSTS**

**Description**

**Distribution Facilities**

YORBA LINDA FEEDER BYPASS  
 YORBA LINDA FEEDER DISCHARGE RETURN SYSTEM: QUAGGA MUSSEL CONTROL  
 YORBA LINDA FEEDER- SCH. 150 & 151  
 YORBA LINDA FEEDER- SCHEDULE 153,155 AND 156  
 YORBA LINDA FEEDER- TONNER TUNNELS NO.1 & 2  
 YORBA LINDA PCS REHABILITATION  
 YORBA LINDA PORTAL STRUCTURE  
 YORBA LINDA PORTAL STRUCTURE ACCESS/TELEGRAPH CREEK BRIDGE  
 YORBA LINDA TEST FACILITY- FLOWMETER TESTS

***Sub-total Distribution facilities costs***

**\$ 101,998,076**

TABLE 4

**FISCAL YEAR 2025/26  
ESTIMATED READINESS-TO-SERVE CHARGE REVENUE**

<b>Member Agency</b>	<b>Rolling Ten-Year Average Firm Deliveries (Acre-Feet) FY2013/14 - FY2022/23</b>	<b>RTS Share</b>	<b>6 months @ \$181 million per year (7/25-12/25)</b>	<b>Rolling Ten-Year Average Firm Deliveries (Acre-Feet) FY2014/15 - FY2023/24</b>	<b>RTS Share</b>	<b>6 months @ \$188 million per year (1/26-6/26)</b>	<b>Total RTS Charge FY 2025/26</b>
Anaheim	23,001.9	1.69%	1,526,826	23,328.3	1.84%	1,728,612	3,255,438
Beverly Hills	9,858.1	0.72%	654,364	9,458.6	0.75%	700,876	1,355,240
Burbank	11,540.0	0.85%	766,005	10,532.3	0.83%	780,436	1,546,442
Calleguas MWD	90,313.9	6.62%	5,994,880	85,497.7	6.74%	6,335,323	12,330,203
Central Basin MWD	31,768.2	2.33%	2,108,718	30,647.0	2.42%	2,270,922	4,379,640
Compton	12.0	0.00%	797	8.3	0.00%	615	1,412
Eastern MWD	96,726.8	7.09%	6,420,557	96,954.0	7.64%	7,184,227	13,604,784
Foothill MWD	8,399.5	0.62%	557,544	8,062.2	0.64%	597,404	1,154,948
Fullerton	6,528.4	0.48%	433,344	6,128.6	0.48%	454,125	887,469
Glendale	15,436.0	1.13%	1,024,615	14,676.3	1.16%	1,087,504	2,112,119
Inland Empire Utilities Agency	57,672.1	4.23%	3,828,174	54,727.4	4.31%	4,055,264	7,883,438
Las Virgenes MWD	19,302.4	1.42%	1,281,260	18,431.7	1.45%	1,365,777	2,647,037
Long Beach	27,777.5	2.04%	1,843,822	26,463.1	2.09%	1,960,898	3,804,720
Los Angeles	272,316.9	19.97%	18,075,923	242,114.6	19.09%	17,940,531	36,016,454
Municipal Water District of Orange County	187,038.3	13.72%	12,415,278	172,537.1	13.60%	12,784,884	25,200,162
Pasadena	19,104.9	1.40%	1,268,150	18,267.3	1.44%	1,353,595	2,621,745
San Diego County Water Authority	175,570.9	12.88%	11,654,092	145,667.0	11.48%	10,793,828	22,447,919
San Fernando	312.4	0.02%	20,737	470.7	0.04%	34,879	55,615
San Marino	0.0	0.08%	68,708	990.4	0.08%	73,388	142,096
Santa Ana	8,648.2	0.63%	574,053	7,865.5	0.62%	582,828	1,156,881
Santa Monica	4,783.2	0.35%	317,501	5,039.7	0.40%	373,438	690,939
Three Valleys MWD	62,674.4	4.60%	4,160,218	60,225.0	4.75%	4,462,632	8,622,850
Torrance	15,088.8	1.11%	1,001,568	14,683.8	1.16%	1,088,060	2,089,628
Upper San Gabriel Valley MWD	38,526.1	2.83%	2,557,296	40,189.6	3.17%	2,978,023	5,535,318
West Basin MWD	111,549.0	8.18%	7,404,429	108,841.6	8.58%	8,065,090	15,469,519
Western MWD	68,413.1	5.02%	4,541,143	66,759.6	5.26%	4,946,842	9,487,985
<b>MWD Total</b>	<b>1,363,398.1</b>	<b>100.00%</b>	<b>\$ 90,500,000</b>	<b>1,268,567.4</b>	<b>100.00%</b>	<b>\$ 94,000,000</b>	<b>\$ 184,500,000</b>
Totals may not foot due to rounding							

**TABLE 5**  
**FISCAL YEAR 2025/26**  
**ESTIMATED STANDBY CHARGE REVENUE**

<b>Member Agencies</b>	<b>Total Parcel Charge</b>	<b>Number of Parcels Or Acres</b>	<b>Gross Revenues (Dollars) <sup>1</sup></b>
Anaheim	\$ 8.55	69,946	598,036
Beverly Hills	-	-	-
Burbank	14.20	29,053	412,549
Calleguas MWD	9.58	260,221	2,492,922
Central Basin MWD	10.44	341,856	3,568,972
Compton	0.10	18,052	1,805
Eastern MWD <sup>(1)</sup>	6.94	483,466	3,355,251
Foothill MWD	10.28	30,318	311,668
Fullerton	10.71	35,296	378,024
Glendale	12.23	44,945	549,677
Inland Empire Utilities Agency	7.59	266,441	2,022,284
Las Virgenes MWD	8.03	52,023	417,741
Long Beach	12.16	92,443	1,124,111
Los Angeles	-	-	-
Municipal Water District of Orange County <sup>(2)</sup>	10.09	668,318	7,599,954
Pasadena	11.73	39,876	467,747
San Diego County Water Authority <sup>(1)</sup>	11.51	1,046,653	12,046,979
San Fernando	-	5,102	-
San Marino	8.24	4,970	40,955
Santa Ana	7.88	65,121	513,151
Santa Monica	-	-	-
Three Valleys MWD	12.21	152,334	1,860,003
Torrance	12.23	40,677	497,484
Upper San Gabriel Valley MWD	9.27	215,922	2,001,594
West Basin MWD	-	-	-
Western MWD	9.23	389,857	3,598,384
<b>MWD Total</b>		<b>4,352,890</b>	<b>\$ 43,887,274</b>

(1) Estimates per FY 2024/25 applied amounts  
and Adjusted due to reorganization of Rainbow

(2) Adjusted for inclusion of Coastal MWD

Note: Totals may not foot due to rounding.

**TABLE 6**  
**PARCELS SUBJECT TO ANNEXATION STANDBY CHARGES**  
**AS OF JULY 1, 2024**

Annexation	Parcel Number	Acres		Proposed Standby Charge (FY 2025/26)
<b>Eastern MWD</b>				
112th Fringe Area Annexation	900-030-036	31.67		\$ 219.79
114th Fringe Area Annexation	900-370-003	3.19		\$ 22.14
	900-370-004	2.58		\$ 17.91
	900-370-005	2.68		\$ 18.60
	900-370-006	3.07		\$ 21.31
	900-370-007	4.09		\$ 28.38
	900-370-008	3.36		\$ 23.32
	900-370-009	2.98		\$ 20.68
	900-370-010	3.40		\$ 23.60
	900-370-011	3.31		\$ 22.97
	900-370-012	3.96		\$ 27.48
	900-370-013	3.05		\$ 21.17
	900-380-001	2.55		\$ 17.70
	900-380-002	2.50		\$ 17.35
	900-380-003	2.50		\$ 17.35
	900-380-005	3.03		\$ 21.03
	900-380-006	3.39		\$ 23.53
	900-380-008	2.50		\$ 17.35
	900-380-009	2.54		\$ 17.63
	900-380-010	3.46		\$ 24.01
	900-380-011	2.57		\$ 17.84
	900-380-012	2.72		\$ 18.88
	900-380-013	2.71		\$ 18.81
	900-370-015	3.18		\$ 22.07
	900-370-016	3.00		\$ 20.82
	900-370-017	3.13		\$ 21.72
	900-370-021	2.94		\$ 20.40
	900-370-022	2.67		\$ 18.53
	900-380-014	2.79		\$ 19.36
	900-380-015	2.54		\$ 17.63
	900-380-016	2.53		\$ 17.56
	900-380-017	2.63		\$ 18.25
	900-380-018	2.56		\$ 17.77
	908-010-001	2.04		\$ 14.16
	900-050-025	2.73		\$ 18.95
	900-050-007	3.91		\$ 27.14
	900-050-008	5.77		\$ 40.04
<b>San Diego County Water Authority</b>				
Yerba Valley Annexation	329-131-08	4.30		\$ 49.49
	329-131-09	4.60		\$ 52.95
	329-131-11	6.60		\$ 75.97
	329-131-33	4.50		\$ 51.80
	329-132-02	4.00		\$ 46.04
	329-132-03	4.00		\$ 46.04
	329-132-04	4.00		\$ 46.04
	329-132-05	4.40		\$ 50.64
	329-132-09	5.00		\$ 57.55
	329-132-10	5.00		\$ 57.55
	329-132-13	4.00		\$ 46.04

**TABLE 6**  
**PARCELS SUBJECT TO ANNEXATION STANDBY CHARGES**  
**AS OF JULY 1, 2024**

<b>Annexation</b>	<b>Parcel Number</b>	<b>Acres</b>		<b>Proposed Standby Charge (FY 2025/26)</b>
Yerba Valley Annexation	329-132-14	8.00		\$ 92.08
	329-132-15	3.60		\$ 41.44
	329-132-18	4.00		\$ 46.04
	329-132-42	1.00		\$ 11.51
	329-132-43	8.80		\$ 101.29
	329-132-48	4.60		\$ 52.95
<b>Murrieta Payment Area</b>				
Eastern MWD	910-020-010	6.87		\$ 47.68
	910-070-004	1.61		\$ 11.17
	910-150-003	1.00		\$ 6.94
	910-150-004	2.00		\$ 13.88
	910-150-007	1.00		\$ 6.94
	910-150-008	2.00		\$ 13.88
	910-150-010	1.00		\$ 6.94
	910-070-008	1.95		\$ 13.53
	910-070-009	1.93		\$ 13.39
	910-150-002	1.00		\$ 6.94
	910-160-001	1.00		\$ 6.94
	910-170-001	2.00		\$ 13.88
	910-170-011	1.00		\$ 6.94
	910-180-006	1.00		\$ 6.94
	910-180-011	1.00		\$ 6.94
	910-180-012	1.00		\$ 6.94
	910-180-018	1.66		\$ 11.52
	910-020-014	10.55		\$ 73.22
	910-170-010	1.00		\$ 6.94
	910-180-007	1.00		\$ 6.94
	910-180-009	1.00		\$ 6.94
	910-180-014	1.00		\$ 6.94
	910-210-009	2.22		\$ 15.41
	910-210-013	1.11		\$ 7.70
	910-210-018	2.39		\$ 16.59
	910-210-014	2.22		\$ 15.41
	910-210-019	2.95		\$ 20.47
	910-150-006	1.00		\$ 6.94
	910-150-014	2.50		\$ 17.35
	910-150-017	2.50		\$ 17.35
	910-160-007	1.00		\$ 6.94
	910-160-014	1.17		\$ 8.12
	910-170-005	0.50		\$ 3.47
	910-170-013	1.50		\$ 10.41
	910-170-016	1.00		\$ 6.94
	910-180-008	1.00		\$ 6.94
	910-180-013	1.00		\$ 6.94
	910-210-003	1.28		\$ 8.88
	910-210-006	1.53		\$ 10.62
	910-020-070	1.00		\$ 6.94
	910-020-071	1.00		\$ 6.94
	910-020-009	2.42		\$ 16.79
	910-020-068	0.50		\$ 3.47
	910-070-006	0.98		\$ 6.80

**TABLE 6**  
**PARCELS SUBJECT TO ANNEXATION STANDBY CHARGES**  
**AS OF JULY 1, 2024**

<b>Annexation</b>	<b>Parcel Number</b>	<b>Acres</b>		<b>Proposed Standby Charge (FY 2025/26)</b>
Eastern MWD	910-070-005	1.24		\$ 8.61
	910-150-009	1.00		\$ 6.94
	910-150-015	2.50		\$ 17.35
	910-160-005	1.00		\$ 6.94
	910-170-003	1.00		\$ 6.94
	910-170-004	0.50		\$ 3.47
	910-020-069	1.00		\$ 6.94
	910-150-001	1.00		\$ 6.94
	910-150-005	5.00		\$ 34.70
	910-160-002	1.00		\$ 6.94
	910-160-003	1.00		\$ 6.94
	910-160-015	9.44		\$ 65.51
	910-170-015	1.00		\$ 6.94
	910-180-015	1.00		\$ 6.94
	910-210-008	1.22		\$ 8.47
	910-210-017	2.39		\$ 16.59
	910-160-004	1.00		\$ 6.94
	910-170-009	1.50		\$ 10.41
	910-100-014	5.15		\$ 35.74
	910-170-008	3.00		\$ 20.82
	910-170-017	1.00		\$ 6.94
	910-170-018	1.33		\$ 9.23
	910-180-017	1.81		\$ 12.56
	910-180-023	1.81		\$ 12.56
	910-210-001	2.61		\$ 18.11
	910-210-002	2.62		\$ 18.18
	910-210-010	2.39		\$ 16.59
	910-210-015	2.39		\$ 16.59
	910-180-003	0.25		\$ 1.74
	910-180-010	2.00		\$ 13.88
	910-210-004	1.28		\$ 8.88
	910-210-005	1.28		\$ 8.88
	910-210-011	2.39		\$ 16.59
	910-210-012	1.33		\$ 9.23
	910-150-011	1.00		\$ 6.94
	910-150-012	2.00		\$ 13.88
	910-160-011	0.94		\$ 6.52
	910-160-012	0.94		\$ 6.52
	910-160-013	0.94		\$ 6.52
	910-180-004	0.25		\$ 1.74
	910-180-005	0.50		\$ 3.47
	910-150-013	1.00		\$ 6.94
	910-170-002	1.00		\$ 6.94
	910-170-012	0.50		\$ 3.47
	910-170-014	2.00		\$ 13.88
	910-180-024	1.95		\$ 13.53
	910-220-008	1.49		\$ 10.34
	910-220-016	25.07		\$ 173.99
	910-220-004	3.74		\$ 25.96
	910-220-009	1.49		\$ 10.34
	910-220-014	4.83		\$ 33.52
	910-210-007	1.00		\$ 6.94



TABLE 6 PARCELS SUBJECT TO ANNEXATION STANDBY CHARGES AS OF JULY 1, 2024				
Annexation	Parcel Number	Acres		Proposed Standby Charge (FY 2025/26)
Eastern MWD	910-220-007	4.36		\$ 30.26
	910-210-016	2.39		\$ 16.59
	910-210-020	2.34		\$ 16.24
	910-220-005	5.59		\$ 38.79
	910-220-010	1.48		\$ 10.27
Western MWD	910-410-011	18.03		\$ 166.42
REORGANIZATIONS BETWEEN MEMBER AGENCIES				
Annexation	Parcel Number	Acres	Original Standby Charge	Proposed Standby Charge (FY 2025/26)
<b>Reorg</b> Fallbrook Public Utility District from San Diego County Water Authority to Eastern Municipal Water District	No APN Presented		\$ 11.51	\$ 6.94
PARCELS SUBJECT TO ANNEXATION STANDBY CHARGES ANTICIPATED AS OF JULY 1, 2025				
Annexation	Parcel Number	Acres		Proposed Standby Charge (FY 2025/26)
None	No APN Presented			
REORGANIZATIONS BETWEEN MEMBER AGENCIES				
Annexation	Parcel Number	Acres	Original Standby Charge	Proposed Standby Charge (FY 2025/26)
<b>Reorg</b> Rainbow Municipal Water District from San Diego County Water Authority to Eastern Municipal Water District	No APN Presented		\$ 11.51	\$ 6.94

THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

RESOLUTION 9373

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**RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE METROPOLITAN WATER DISTRICT OF  
SOUTHERN CALIFORNIA  
FIXING AND ADOPTING  
A CAPACITY CHARGE  
EFFECTIVE JANUARY 1, 2026**

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The Board of Directors of The Metropolitan Water District of Southern California (the “Board”) hereby finds that:

1. The Board of The Metropolitan Water District of Southern California (“Metropolitan”), pursuant to Sections 133, 134 and 134.5 of the Metropolitan Water District Act (the “Act”), is authorized to fix such rate or rates for water as will result in revenue which, together with revenue from any water standby or availability of service charge or assessment, will pay the operating expenses of Metropolitan, provide for repairs and maintenance, provide for payment of the purchase price or other charges for property or services or other rights acquired by Metropolitan, and provide for the payment of the interest and principal of its bonded debt; and
2. The amount of revenue to be raised by the Capacity Charge shall be as determined by the Board and allocation of such charges among member agencies shall be in accordance with the method established by the Board; and
3. The Capacity Charge is a charge fixed and adopted by Metropolitan and charged to its member agencies, and is not a fee or charge imposed upon real property or upon persons as an incident of property ownership; and
4. The Capacity Charge is intended to recover the debt service and other appropriately allocated costs to construct, operate and maintain projects needed to meet peak demands on Metropolitan’s distribution system, as shown in the FYs 2024/25 and 2025/26 Cost of Service Report for Proposed Water Rates and Charges (the “2024 Cost of Service Report”); and
5. Pursuant to Resolution 8322, adopted by the Board on May 14, 1991, Resolution 8329, adopted by the Board on July 9, 1991, Resolution 9199, adopted by the Board on March 8, 2016, and Resolution 9201, adopted by the Board on March 8, 2016, and as each is thereafter amended and supplemented, proceeds of the Capacity Charge and other revenues from the sale or availability of water are pledged to the payment of Metropolitan’s revenue bonds, subordinate revenue bonds and short-term certificates, and commercial paper; and
6. The Capacity Charge is charged (on a dollar per cubic-foot-per-second basis) to member public agencies (“member agencies”), based upon the amount of capacity used by such member agency that is designed to recover the cost of providing peaking capacity within the distribution system; and
7. On April 9, 2024, the Board considered the rates and charges presented by the General Manager and approved the biennial budget for fiscal years 2024/25 and 2025/26 and adopted recommended water rates for

calendar years 2025 and 2026 and charges for calendar year 2025, and received information and documents available at <https://www.mwdh2o.com/who-we-are/budget-finance/>; and

8. In approving the biennial budget and adopting the rates and charges on April 9, 2024, the Board determined the amount of revenue to be raised by the Capacity Charge in calendar year 2026 to be based on a Capacity Charge in such year of \$14,500 per cubic-foot-per-second, based on information and documents available at <https://www.mwdh2o.com/who-we-are/budget-finance/>; and

9. Each of the meetings of the Board were conducted in accordance with the Brown Act (commencing at Section 54950 of the Government Code), for which due notice was provided and at which quorums were present and acting throughout;

NOW, THEREFORE, the Board does hereby resolve, determine and order as follows:

**Section 1.** That the Board hereby fixes and adopts a Capacity Charge, as described below, to be effective January 1, 2026.

**Section 2.** That said Capacity Charge shall be in an amount sufficient to provide for payment of the capital financing costs not paid from *ad valorem* property taxes, as well as other appropriately allocated costs, incurred to provide peaking capacity within Metropolitan's distribution system.

**Section 3.** That such Capacity Charge effective January 1, 2026 shall be a charge as specified in Section 5 (set in dollars per cubic-foot-per-second of the peak day capacity) for capacity provided to a member agency, based on the maximum summer day demand placed on the system between May 1 and September 30 for the three-calendar year period ending December 31, 2004, and thereafter for a rolling three-calendar year period.

**Section 4.** The allocation of the Capacity Charge among member agencies is based on data recorded by Metropolitan and shall be conclusive in the absence of manifest error. Corrections may be made by staff for any incorrect recording or calculation, upon verification by the member agency.

**Section 5.** That the Capacity Charge shall be a fixed charge as shown in the following table and collected from each member agency monthly, quarterly or semiannually as agreed to by Metropolitan and the member agency.

**Table 1. Calendar Year 2026 Capacity Charge**

<b>Calendar Year 2026 Capacity Charge</b>					
	Peak Day Demand (cfs) (May 1 through September 30)				Rate (\$/cfs): \$14,500
	Calendar Year				
Member Agency	2022	2023	2024	3-Year Peak	Calendar Year 2026 Capacity Charge
Anaheim	74.5	64.0	23.9	74.5	\$1,080,250
Beverly Hills	23.7	20.6	20.9	23.7	\$343,650
Burbank	8.4	16.3	15.5	16.3	\$236,350
Calleguas	138.8	159.6	167.1	167.1	\$2,422,950
Central Basin	47.1	53.7	50.4	53.7	\$778,650
Compton	0.0	3.2	0.0	3.2	\$46,400
Eastern	187.3	190.5	233.2	233.2	\$3,381,400
Foothill	16.1	14.9	18.1	18.1	\$262,450
Fullerton	15.1	13.8	24.8	24.8	\$359,600
Glendale	31.8	29.0	32.6	32.6	\$472,700
Inland Empire	95.2	99.5	68.7	99.5	\$1,442,750
Las Virgenes	34.8	37.9	30.6	37.9	\$549,550
Long Beach	44.1	41.5	37.9	44.1	\$639,450
Los Angeles	633.1	452.3	433.5	633.1	\$9,179,950
MWDOC	282.0	233.6	258.5	282.0	\$4,089,000
Pasadena	38.3	33.0	35.0	38.3	\$555,350
San Diego CWA	841.5	558.6	498.5	841.5	\$12,201,750
San Fernando	5.3	5.0	0.0	5.3	\$76,850
San Marino	4.9	4.3	4.5	4.9	\$71,050
Santa Ana	18.0	6.2	10.3	18.0	\$261,000
Santa Monica	18.0	21.0	20.1	21.0	\$304,500
Three Valleys	86.6	110.4	98.4	110.4	\$1,600,800
Torrance	29.0	27.1	28.2	29.0	\$420,500
Upper San Gabriel	25.3	11.5	16.4	25.3	\$366,850
West Basin	173.7	171.7	175.6	175.6	\$2,546,200
Western MWD	177.4	181.7	180.6	181.7	\$2,634,650
<b>Total</b>	<b>3,050.0</b>	<b>2,560.9</b>	<b>2,483.3</b>	<b>3,194.8</b>	<b>\$46,324,600</b>
Totals may not foot due to rounding					

**Section 6.** That the Capacity Charge for each member agency, the method of its calculation, cost allocations and other data used in its determination are as specified in the adopted rates and charges to be effective January 1, 2026, which forms the basis of the Capacity Charge, and the corresponding 2024 Cost of Service Report. The adopted rates and charges and cost of service reports are on file and available for review by interested parties at Metropolitan's headquarters.


**Section 7.** That the Capacity Charge specified in Section 5, together with other revenues from Metropolitan's water rates, other charges, ad valorem property taxes, and other miscellaneous revenue, does not exceed the reasonable and necessary cost of providing Metropolitan's water service for which the rates and charges are made, or conferring the benefit provided, and is fairly apportioned to each member agency in proportion to the peak day capacity utilized by each member agency.

**Section 8.** That if any provision of this Resolution or the application to any member agency, property or person whatsoever is held invalid, that invalidity shall not affect other provisions or applications of this Resolution which can be given effect without the invalid portion or application, and to that end the provisions of this Resolution are severable.

**Section 9.** That the General Manager and the General Counsel are hereby authorized to do all things necessary and desirable to accomplish the purposes of this Resolution, including, without limitation, the commencement or defense of litigation and taking all necessary action to satisfy relevant statutes requiring notice by publication.

**Section 10.** That the Board Executive Secretary is hereby directed to transmit a certified copy of this Resolution to the presiding officer of the governing body of each member agency.

I HEREBY CERTIFY that the foregoing is a full, true and correct copy of a Resolution adopted by the Board of Directors of The Metropolitan Water District of Southern California, at its meeting held on April 8, 2025.

  
Secretary of the Board of Directors  
of The Metropolitan Water District  
of Southern California



- **Board of Directors**  
***Legal and Claims Committee***

4/8/2025 Board Meeting

7-8

## Subject

Approve amendments to the Metropolitan Water District Administrative Code to conform oversight of the General Auditor and Audit Department duties and responsibilities to the current committee structure, to streamline reporting on professional services agreements, and make a minor non-substantive change; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

The proposed amendments will transfer oversight of the General Auditor and Audit Department duties and responsibilities from the Executive Committee to the Audit Committee to conform to recent board-approved changes to the committee structure, including creating the Audit Committee to supersede the Audit Subcommittee of the Executive Committee. The amendments will also end dual reporting on professional services agreements to two committees by deleting reporting to the Legal and Claims Committee. Such agreements will now be reported to the Audit Committee, thereby consolidating the reporting of audit-related matters within the Audit Committee. The proposed amendments will make the foregoing changes to Chapter 7 of Division II and Chapter 4 of Division VI of the Administrative Code.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Approve amendments to the Metropolitan Water District Administrative Code to conform oversight of the General Auditor and Audit Department duties and responsibilities to the current committee structure, streamline reporting on professional services agreement, and make a minor non-substantive change.

**Fiscal Impact:** None

**Business Analysis:** This option will allow the General Auditor and Audit Department to report to the Audit Committee instead of the Executive Committee and will streamline reporting on professional services agreements.

#### Option #2

Do not approve amendments to the Metropolitan Water District Administrative Code to conform oversight of the General Auditor and Audit Department duties and responsibilities to the current committee structure or to streamline reporting on professional services agreement.

**Fiscal Impact:** None

**Business Analysis:** This option will not allow the General Auditor or Audit Department to report directly to the Audit Committee or to streamline reporting on professional services agreements.

## Alternatives Considered

Not applicable

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**Applicable Policy**

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Metropolitan Water District Administrative Code Section 2700: Periodic Staff Reports to Board and Committees

Metropolitan Water District Administrative Code Section 6400: Officers

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

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**Related Board Action(s)/Future Action(s)**

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In March 2025, the Board approved changes to its committee structure, including the creation of the Audit Committee and deletion of the Audit Subcommittee of the Executive Committee. In November 2024, the Board approved changes to the Audit Committee charter as part of its annual review of the charter.

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**California Environmental Quality Act (CEQA)**

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**CEQA determination for Option #1:**

The proposed action is not defined as a project under CEQA because it involves organizational, maintenance, or administrative activities; personnel-related actions; and/or general policy and procedure making that will not result in direct or indirect physical changes in the environment. (Public Resources Code Section 21065; State CEQA Guidelines Section 15378(b)(2) and (5)).

**CEQA determination for Option #2:**

None required

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**Details and Background**

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**Background**

The proposed amendments will transfer oversight of the General Auditor and Audit Department duties and responsibilities from the Executive Committee to the Audit Committee to conform to recent board-approved changes to the committee structure, including, among them, creating the Audit Committee to supersede the Audit Subcommittee of the Executive Committee. The amendments will also end dual reporting on professional services agreements to two committees by deleting reporting to the Legal and Claims Committee. Such agreements will now be reported to the Audit Committee, thereby consolidating reporting on audit-related matters within the Audit Committee.

The proposed amendments will make the foregoing changes to Articles 1 and 2 of Chapter 7 of Division II regarding the General Auditor's quarterly and annual reporting duties and to Articles 2, 3, and 4 of Chapter 4 of Division VI regarding oversight of more specific duties and functions of the General Auditor and the Audit Department, as follows:

1. Amend Sections 2703, 6416, 6436(b), 6450(b), and 6451(d)(1) so that the General Auditor will report its annual business plan to the Audit Committee and no longer to the Executive Committee.
2. Amend Section 2722 so that the General Auditor will report on the general exercise of its power quarterly to the Audit Committee and no longer to the Executive Committee.
3. Amend Section 6450(a) to establish that oversight of the work of internal and external auditors and approval of the Audit Department's charter will be conducted by the Audit Committee and no longer by the Executive Committee.
4. Amend Section 6450(d) so that the General Auditor will report on internal audit assignments and transmit reports by external auditors to the Audit Committee and no longer to the Executive Committee.
5. Amend Section 6450(f) so that the specific audit requests by other committees are submitted to the Audit Committee and fix a minor spelling error.
6. Amend Section 6451(b) to establish that the General Auditor will be accountable to the Board of Directors and the Audit Committee rather than to the Board of Directors and the Executive Committee.



7. Amend Section 6451(d)(1), (2), (3), (4), (9) and (10) to establish that the Audit Department will provide an annual audit plan and various reports (i.e., status reports, audit reports, progress reports, and fraud investigation reports) and will convey emerging audit trends and best practices to the Audit Committee (no longer to the Executive Committee) and to District management, where specified in this section.
8. Amend Section 6451(e)(2) to establish that the General Auditor and Audit Department staff members have full and free access to the Audit Committee and no longer to the Executive Committee.
9. Amend the postamble to Section 6452 to establish that the Audit Charter will be reviewed at least annually by the Audit Committee and no longer by the Executive Committee.
10. Amend Section 6453 to establish that the General Auditor will inform the Audit Committee whenever they obtain the professional services of independent auditors or technical consultants, and will no longer report quarterly to the Legal and Claims Committee concerning said agreements entered into pursuant to this section.

The complete list of proposed amendments is set forth in **Attachment 1**, with overstrikes reflecting deletions and underlining reflecting additions. **Attachment 2** sets forth the sections as they will appear in the Administrative Code if the changes are approved.

All amendments are effective upon board approval unless specified otherwise.

***Project Milestone(s)***

Not applicable

  
\_\_\_\_\_  
Scott M. Suzuki  
General Auditor  
3/28/2025  
Date

  
\_\_\_\_\_  
Deven Upadhyay  
General Manager  
3/28/2025  
Date

**Attachment 1 – Proposed Administrative Code Amendments (with changes marked)**

**Attachment 2 – Proposed Administrative Code Amendments (clean)**

Ref# I12699489

**Division II****PROCEDURES PERTAINING TO BOARD, COMMITTEES  
AND DIRECTORS****Chapter 7****PERIODIC STAFF REPORTS TO BOARD AND COMMITTEES****Article 1****ANNUAL REPORTS****§ 2703. General Auditor's Report**

The General Auditor shall annually report to the ~~Executive~~Audit Committee a business plan containing the General Auditor's key priorities for the coming year for the Audit Department as required by Sections 2416 and 6451.

**Article 2****QUARTERLY REPORTS****§ 2722. General Auditor's Quarterly Reports.**

The General Auditor shall report to the ~~Executive~~Audit Committee the exercise of any power delegated to the General Auditor by Section 6453.

**Division VI****PERSONNEL MATTERS****Chapter 4****OFFICERS****Article 2****GENERAL MANAGER****§ 6416. Annual Report to Executive Committee**

The General Manager shall annually submit to the Executive Committee a business plan containing the General Manager's key priorities for the coming year. The business plan shall be submitted in conjunction with similar plans by the General Auditor to the ~~Executive~~

Audit Committee and the Ethics Officer to the Community and Workplace Culture Committee and the General Counsel to the Legal and Claims Committee.

### Article 3

#### GENERAL COUNSEL

##### § 6436. Annual and Quarterly Reports to Legal and Claims Committee.

(a) The General Manager and General Counsel shall report quarterly to the Legal and Claims Committee the exercise of any power delegated to them by Sections 6433 and 6434. The General Counsel shall report quarterly to the Legal and Claims Committee the exercise of any power delegated to them by Section 6431.

(b) The General Counsel shall annually, in advance of the July Board meetings, submit to the Legal and Claims Committee a business plan containing the Legal Department's key priorities for the coming year for review and approval. The business plan shall be submitted in conjunction with similar plans by the General Manager to the Executive Committee and the General Auditor to the Executive-Audit Committee, and the Ethics Officer to the Community and Workplace Culture Committee.

### Article 4

#### GENERAL AUDITOR

##### § 6450. Powers and Duties.

(a) The District's independent internal auditing function is governed by provisions of the California Government Code and by policies established by the Board of Directors. The Executive-Audit Committee is responsible for the oversight of the internal auditing function, approving the Audit Department charter (subject to review and approval of the Board of Directors), selecting and overseeing the work of external auditors, and reviewing reports issued by both the internal and external auditors.

(b) The General Auditor manages the District's Audit Department and is responsible for formulating departmental policies and procedures; directing and evaluating the performance of work done by employees within the department, administering the internal records of the department; and administering the District's contract for external audit services. The General Auditor shall, annually in advance of the July Board meetings, submit to the Audit Executive Committee an Audit business plan containing key priorities for the coming year for review and approval. The business plan shall be submitted in conjunction with similar plans by the General Manager to the Executive Committee, the General Counsel to the Legal and Claims Committee and Ethics Officer to the Community and Workplace Culture Committee.

(c) The General Auditor shall report the findings, opinions, and recommendations which result from the performance of the duties outlined in paragraph 6450(b) to the General Manager,

General Counsel and Ethics Officer for their information and appropriate actions. Whenever an audit report contains recommendations for corrective actions or changes in current practices, the General Manager, General Counsel, Ethics Officer or their designees shall respond to the General Auditor in an appropriate manner and within a reasonable time, indicating their views on the recommendations and proposed actions to be taken, if any.

(d) The General Auditor's reports on internal audit assignments shall be addressed to the ~~Executive-Audit~~ Committee. The General Auditor shall have the discretion to determine the form and content of such audit reports, subject to guidance by the ~~Executive-Audit~~ Committee. With the exception of those reports which the General Auditor deems to be urgent or confidential in nature, copies of all audit reports addressed to the ~~Executive-Audit~~ Committee shall be submitted to the General Manager and General Counsel for review and comment simultaneously to their submittal to the ~~Executive-Audit~~ Committee.

(e) The General Auditor shall transmit all reports issued by the District's external auditors to the ~~Executive-Audit~~ Committee and any other committees of the Board as may be applicable. Such transmittal letters should include any comments on the external auditor's reports that the General Auditor deems necessary.

(f) The General Auditor may receive requests from time to time from the other executive officers or committees of the Board to perform audit assignments which are not included in the approved annual Audit Business Plan. Similarly, the General Auditor may identify a need to include new assignments in the Audit Business Plan during the year. The General Auditor shall have sufficient latitude and discretion to include those new assignments in the annual Audit Business Plan as the General Auditor deems necessary based upon their professional judgement and available resources. Requests from other committees of the Board and individual Board members desiring specific audit assignments shall be submitted to the Audit Committee for study, advice, and recommendation, ~~or if such subcommittee is not currently in place, the Executive Committee~~. Once the audit assignment is approved by the Board, the General Auditor reserves the right to determine how to best fit the directed audit assignment into the Audit Business Plan. The reporting process for assignments requested by either executive management, by committees of the Board, or by individual Board members shall generally follow the process outlined in paragraphs 6450(c) or (d) previously.

(g) The General Auditor shall manage the work of the Audit Department in accordance with the Audit Department Charter. The General Auditor shall assess annually whether the purpose, authority and responsibility, as defined in this Charter, continue to be adequate to enable the Audit Department to accomplish its objectives.

#### **§ 6451. Audit Department Charter.**

(a) Mission and Scope of Work - The mission of the Audit Department is to provide independent, professional, objective assurance and consulting services designed to add value and improve Metropolitan's operations. It helps the District accomplish its objectives by using a proactive, systematic approach to evaluate and improve the effectiveness of governance, risk management, and internal control. The scope of work of the Audit Department is to determine

whether the District's network of governance, risk management, and internal control, as designed and represented by District management, is adequate and functioning in a manner to ensure:

- (1) Risks are appropriately identified, managed and monitored;
- (2) Significant financial, managerial and operating information is accurate, reliable and timely;
- (3) Employees' actions are in compliance with policies, standards, procedures and applicable laws and regulations;
- (4) Resources are acquired economically, used efficiently, and adequately protected;
- (5) Programs, plans, and objectives are achieved;
- (6) Quality and continuous improvement are fostered in the District's control process;
- (7) Significant legislative or regulatory issues impacting the District are recognized and addressed appropriately; and
- (8) Information technology is governed and systems and applications are securely deployed and monitored.

Opportunities for improving management internal control, efficiency and the District's image may be identified during audits. They will be communicated to the appropriate level of District management.

(b) Accountability - The General Auditor shall be accountable to the Board of Directors and the Executive Audit Committee to:

- (1) Advise on the adequacy and effectiveness of the District's processes for controlling its activities and managing its risks;
- (2) Report significant issues related to the processes for controlling the activities of the District, including potential improvements to those processes, and provide information concerning such issues through to resolution; and
- (3) Coordinate with other District control and monitoring functions (e.g., risk management, legal, finance, ethics, security, environmental).

(c) Professional Standards – The Audit Department shall govern itself by adherence to The Institute of Internal Auditors' mandatory guidance, including the Definition of Internal Auditing, the Code of Ethics, and the *International Standards for the Professional Practice of*

*Internal Auditing (Standards)*. This mandatory guidance constitutes principles of the fundamental requirements for the professional practice of internal auditing and for evaluating the effectiveness of the Audit Department's performance. These documents constitute the operating procedures for the department and constitute an addendum to the charter. The Institute of Internal Auditors' Practice Advisories, Practice Guides, and Position Papers shall also be adhered to as applicable. In addition, Audit Department staff shall adhere to Metropolitan's policies and procedures, the California Government Code; and the Audit Department's Policies and Procedures Manual.

(d) Responsibilities --- The Audit Department shall carry out the following responsibilities:

(1) Develop and present a flexible annual audit plan to the Executive Audit Committee for review and approval. This plan should be developed utilizing a risk-based methodology and should include risks or internal control concerns identified by Management or the Board of Directors;

(2) Report periodically to the Executive Audit Committee and District management the status of the current year's audit plan and the sufficiency of department resources;

(3) Submit audit reports to the Executive Audit Committee and District management communicating the General Auditor's opinion regarding the internal control structure, identifying significant control issues, and providing related recommendations;

(4) Evaluate the adequacy and timeliness of District management's responses to, and the corrective action taken on, all recommendations noted in such reports. Conduct follow-up reviews as necessary and periodically report to the Executive Audit Committee the status of District management's progress;

(5) Ensure the selection, development and supervision of competent and professional audit staff;

(6) Perform a quality assurance program by which the General Auditor evaluates internal auditing activities against professional standards. Obtain an external quality assurance review as required by the *Standards*;

(7) Perform advisory services to assist District management in meeting its objectives. Examples may include facilitation, process design, training, and assessment services;

(8) Evaluate additions or changes in internal control processes coincident with their development and implementation;

(9) Keep the Executive Audit Committee informed of significant emerging trends and best practices in internal auditing and governance;

(10) Assist in the investigation of significant suspected fraudulent activities within the District. Assure reporting to the Executive Audit Committee on the results, as appropriate; and

(11) Coordinate with external auditors to minimize duplication of effort and to ensure that issues raised as a result of their review, are appropriately addressed.

(e) Authority - The General Auditor and Audit Department staff members are authorized to:

(1) Have unrestricted access to all functions, records, property, and personnel, subject to the requirements of safekeeping, confidentiality, and applicable process;

(2) Have full and free access to the Executive Audit Committee, subject to applicable law;

(3) Allocate resources, set frequencies, select the subject, determine scopes of work, and apply the techniques required to accomplish audit objectives; and

(4) Obtain the necessary assistance of personnel within units of the District where they perform audits, as well as other specialized services from within or outside the District.

The General Auditor and Audit Department staff are not authorized to:

(1) Perform any operational duties for the District;

(2) Initiate or approve accounting transactions external to the Audit Department; or

(3) Direct the activities of any District employee not employed by the Audit Department, except to the extent such employees have been appropriately assigned to auditing teams or to otherwise assist the internal auditors.

This Charter shall be reviewed at least annually by the Executive Audit Committee and Board of Directors.

#### **§ 6453. Authority to Obtain Professional Services.**

The General Auditor is authorized to employ the services of independent auditors or other professional or technical consultants to advise or assist them in performing their assigned duties as may be required or as they deem necessary provided that the amount to be expended in fees, costs, and expenses under any one contract in any one year shall not exceed \$100,000. External auditors, while employed as external auditors for Metropolitan, are prohibited from performing any other consulting work for Metropolitan or performing any work for other clients that conflicts, or may conflict, with their responsibilities as Metropolitan's external auditors. These prohibitions shall be included in Metropolitan's agreements with external auditors. ~~The~~



Whenever the General Auditor enters into services agreements under the authority granted by this section, he or she shall inform the Executive Audit Committee whenever they exercise the authority granted under this section and thereafter shall report periodically on such agreements to the committee. and they shall further report quarterly to the Legal and Claims Committee concerning any agreements entered into under this section.

**Division II****PROCEDURES PERTAINING TO BOARD, COMMITTEES  
AND DIRECTORS****Chapter 7****PERIODIC STAFF REPORTS TO BOARD AND COMMITTEES****Article 1****ANNUAL REPORTS****§ 2703. General Auditor's Report**

The General Auditor shall annually report to the Audit Committee a business plan containing the General Auditor's key priorities for the coming year for the Audit Department as required by Sections 2416 and 6451.

**Article 2****QUARTERLY REPORTS****§ 2722. General Auditor's Quarterly Reports.**

The General Auditor shall report to the Audit Committee the exercise of any power delegated to the General Auditor by Section 6453.

**Division VI****PERSONNEL MATTERS****Chapter 4****OFFICERS****Article 2****GENERAL MANAGER****§ 6416. Annual Report to Executive Committee**

The General Manager shall annually submit to the Executive Committee a business plan containing the General Manager's key priorities for the coming year. The business plan shall be submitted in conjunction with similar plans by the General Auditor to the Audit

Committee and the Ethics Officer to the Community and Workplace Culture Committee and the General Counsel to the Legal and Claims Committee.

### **Article 3**

#### **GENERAL COUNSEL**

##### **§ 6436. Annual and Quarterly Reports to Legal and Claims Committee.**

(a) The General Manager and General Counsel shall report quarterly to the Legal and Claims Committee the exercise of any power delegated to them by Sections 6433 and 6434. The General Counsel shall report quarterly to the Legal and Claims Committee the exercise of any power delegated to them by Section 6431.

(b) The General Counsel shall annually, in advance of the July Board meetings, submit to the Legal and Claims Committee a business plan containing the Legal Department's key priorities for the coming year for review and approval. The business plan shall be submitted in conjunction with similar plans by the General Manager to the Executive Committee and the General Auditor to the Audit Committee, and the Ethics Officer to the Community and Workplace Culture Committee.

### **Article 4**

#### **GENERAL AUDITOR**

##### **§ 6450. Powers and Duties.**

(a) The District's independent internal auditing function is governed by provisions of the California Government Code and by policies established by the Board of Directors. The Audit Committee is responsible for the oversight of the internal auditing function, approving the Audit Department charter (subject to review and approval of the Board of Directors), selecting and overseeing the work of external auditors, and reviewing reports issued by both the internal and external auditors.

(b) The General Auditor manages the District's Audit Department and is responsible for formulating departmental policies and procedures; directing and evaluating the performance of work done by employees within the department, administering the internal records of the department; and administering the District's contract for external audit services. The General Auditor shall, annually in advance of the July Board meetings, submit to the Audit Committee an Audit business plan containing key priorities for the coming year for review and approval. The business plan shall be submitted in conjunction with similar plans by the General Manager to the Executive Committee, the General Counsel to the Legal and Claims Committee and Ethics Officer to the Community and Workplace Culture Committee.

(c) The General Auditor shall report the findings, opinions, and recommendations which result from the performance of the duties outlined in paragraph 6450(b) to the General Manager,

General Counsel and Ethics Officer for their information and appropriate actions. Whenever an audit report contains recommendations for corrective actions or changes in current practices, the General Manager, General Counsel, Ethics Officer or their designees shall respond to the General Auditor in an appropriate manner and within a reasonable time, indicating their views on the recommendations and proposed actions to be taken, if any.

(d) The General Auditor's reports on internal audit assignments shall be addressed to the Audit Committee. The General Auditor shall have the discretion to determine the form and content of such audit reports, subject to guidance by the Audit Committee. With the exception of those reports which the General Auditor deems to be urgent or confidential in nature, copies of all audit reports addressed to the Audit Committee shall be submitted to the General Manager and General Counsel for review and comment simultaneously to their submittal to the Audit Committee.

(e) The General Auditor shall transmit all reports issued by the District's external auditors to the Audit Committee and any other committees of the Board as may be applicable. Such transmittal letters should include any comments on the external auditor's reports that the General Auditor deems necessary.

(f) The General Auditor may receive requests from time to time from the other executive officers or committees of the Board to perform audit assignments which are not included in the approved annual Audit Business Plan. Similarly, the General Auditor may identify a need to include new assignments in the Audit Business Plan during the year. The General Auditor shall have sufficient latitude and discretion to include those new assignments in the annual Audit Business Plan as the General Auditor deems necessary based upon their professional judgement and available resources. Requests from other committees of the Board and individual Board members desiring specific audit assignments shall be submitted to the Audit Committee for study, advice, and recommendation. Once the audit assignment is approved by the Board, the General Auditor reserves the right to determine how to best fit the directed audit assignment into the Audit Business Plan. The reporting process for assignments requested by either executive management, by committees of the Board, or by individual Board members shall generally follow the process outlined in paragraphs 6450(c) or (d) previously.

(g) The General Auditor shall manage the work of the Audit Department in accordance with the Audit Department Charter. The General Auditor shall assess annually whether the purpose, authority and responsibility, as defined in this Charter, continue to be adequate to enable the Audit Department to accomplish its objectives.

#### **§ 6451. Audit Department Charter.**

(a) Mission and Scope of Work - The mission of the Audit Department is to provide independent, professional, objective assurance and consulting services designed to add value and improve Metropolitan's operations. It helps the District accomplish its objectives by using a proactive, systematic approach to evaluate and improve the effectiveness of governance, risk management, and internal control. The scope of work of the Audit Department is to determine whether the District's network of governance, risk management, and internal control, as

designed and represented by District management, is adequate and functioning in a manner to ensure:

- (1) Risks are appropriately identified, managed and monitored;
- (2) Significant financial, managerial and operating information is accurate, reliable and timely;
- (3) Employees' actions are in compliance with policies, standards, procedures and applicable laws and regulations;
- (4) Resources are acquired economically, used efficiently, and adequately protected;
- (5) Programs, plans, and objectives are achieved;
- (6) Quality and continuous improvement are fostered in the District's control process;
- (7) Significant legislative or regulatory issues impacting the District are recognized and addressed appropriately; and
- (8) Information technology is governed and systems and applications are securely deployed and monitored.

Opportunities for improving management internal control, efficiency and the District's image may be identified during audits. They will be communicated to the appropriate level of District management.

(b) Accountability - The General Auditor shall be accountable to the Board of Directors and the Audit Committee to:

- (1) Advise on the adequacy and effectiveness of the District's processes for controlling its activities and managing its risks;
- (2) Report significant issues related to the processes for controlling the activities of the District, including potential improvements to those processes, and provide information concerning such issues through to resolution; and
- (3) Coordinate with other District control and monitoring functions (e.g., risk management, legal, finance, ethics, security, environmental).

(c) Professional Standards – The Audit Department shall govern itself by adherence to The Institute of Internal Auditors' mandatory guidance, including the Definition of Internal Auditing, the Code of Ethics, and the *International Standards for the Professional Practice of Internal Auditing (Standards)*. This mandatory guidance constitutes principles of the

fundamental requirements for the professional practice of internal auditing and for evaluating the effectiveness of the Audit Department's performance. These documents constitute the operating procedures for the department and constitute an addendum to the charter. The Institute of Internal Auditors' Practice Advisories, Practice Guides, and Position Papers shall also be adhered to as applicable. In addition, Audit Department staff shall adhere to Metropolitan's policies and procedures, the California Government Code; and the Audit Department's Policies and Procedures Manual.

(d) Responsibilities - The Audit Department shall carry out the following responsibilities:

(1) Develop and present a flexible annual audit plan to the Audit Committee for review and approval. This plan should be developed utilizing a risk-based methodology and should include risks or internal control concerns identified by Management or the Board of Directors;

(2) Report periodically to the Audit Committee and District management the status of the current year's audit plan and the sufficiency of department resources;

(3) Submit audit reports to the Audit Committee and District management communicating the General Auditor's opinion regarding the internal control structure, identifying significant control issues, and providing related recommendations;

(4) Evaluate the adequacy and timeliness of District management's responses to, and the corrective action taken on, all recommendations noted in such reports. Conduct follow-up reviews as necessary and periodically report to the Audit Committee the status of District management's progress;

(5) Ensure the selection, development and supervision of competent and professional audit staff;

(6) Perform a quality assurance program by which the General Auditor evaluates internal auditing activities against professional standards. Obtain an external quality assurance review as required by the *Standards*;

(7) Perform advisory services to assist District management in meeting its objectives. Examples may include facilitation, process design, training, and assessment services;

(8) Evaluate additions or changes in internal control processes coincident with their development and implementation;

(9) Keep the Audit Committee informed of significant emerging trends and best practices in internal auditing and governance;

(10) Assist in the investigation of significant suspected fraudulent activities within the District. Assure reporting to the Audit Committee on the results, as appropriate; and

(11) Coordinate with external auditors to minimize duplication of effort and to ensure that issues raised as a result of their review, are appropriately addressed.

(e) Authority - The General Auditor and Audit Department staff members are authorized to:

(1) Have unrestricted access to all functions, records, property, and personnel, subject to the requirements of safekeeping, confidentiality, and applicable process;

(2) Have full and free access to the Audit Committee, subject to applicable law;

(3) Allocate resources, set frequencies, select the subject, determine scopes of work, and apply the techniques required to accomplish audit objectives; and

(4) Obtain the necessary assistance of personnel within units of the District where they perform audits, as well as other specialized services from within or outside the District.

The General Auditor and Audit Department staff are not authorized to:

(1) Perform any operational duties for the District;

(2) Initiate or approve accounting transactions external to the Audit Department; or

(3) Direct the activities of any District employee not employed by the Audit Department, except to the extent such employees have been appropriately assigned to auditing teams or to otherwise assist the internal auditors.

This Charter shall be reviewed at least annually by the Audit Committee and Board of Directors.

#### **§ 6453. Authority to Obtain Professional Services.**

The General Auditor is authorized to employ the services of independent auditors or other professional or technical consultants to advise or assist them in performing their assigned duties as may be required or as they deem necessary provided that the amount to be expended in fees, costs, and expenses under any one contract in any one year shall not exceed \$100,000. External auditors, while employed as external auditors for Metropolitan, are prohibited from performing any other consulting work for Metropolitan or performing any work for other clients that conflicts, or may conflict, with their responsibilities as Metropolitan's external auditors. These prohibitions shall be included in Metropolitan's agreements with external auditors. Whenever the General Auditor enters into services agreements under the authority granted by



this section, he or she shall inform the Audit Committee and thereafter shall report periodically on such agreements to the committee.



Legal and Claims Committee

# Administrative Code Amendments to Committee Oversight of Audit Duties and Functions

Item 7-8

April 8, 2025

## Item # 7-8

### Oversight of Audit Responsibilities

#### Subject

Approve amendments to the MWD Administrative Code to conform oversight of the General Auditor and Audit Department duties and responsibilities to the current committee structure, to streamline reporting on professional services agreements, and make a minor non-substantive change

#### Purpose

To conform to the current committee structure

## Item # 7-8

### Overview

#### Recommendation

Board action is required to amend the MWD Administrative Code

#### Fiscal Impact

No fiscal impact

#### Budgeted

Not applicable

#### Presentation Length

5 minutes

## Purposes

### Conform to New Committee Structure

- Transfer oversight of Audit-related duties and functions from Executive to Audit Committee
- Streamline reporting on professional services agreements to a single committee, the Audit Committee

## Board Options

- Option #1

Approve amendments to the MWD Administrative Code to conform oversight of the General Auditor and Audit Department duties and responsibilities to the current committee structure, to streamline reporting on professional services agreements, and make a minor non-substantive change

- Option #2

Do not approve amendments

## Staff Recommendation

- Option #1

Approve amendments to the MWD Administrative Code to conform oversight of the General Auditor and Audit Department duties and responsibilities to the current committee structure, to streamline reporting on professional services agreements, and make a minor non-substantive change







- **Board of Directors**  
***Legislation and Communications Committee***

4/8/2025 Board Meeting

7-9

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## Subject

Express support if amended for AB 523 (Irwin) Metropolitan water districts: alternate representative

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## Executive Summary

As proposed to be amended, AB 523 (Irwin) (**Attachment 1**) would allow any Metropolitan member agency with only one representative on the Metropolitan Board of Directors the ability to appoint a proxy to vote on behalf of the member agency representative whenever they are unavailable to attend a meeting or meetings of the Board of Directors.

AB 523 seeks to ensure that member agencies with only one board representative are able to have a seat at the table and provide equity and continuity of voting at meetings of the Board of Directors.

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## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Express support if amended for AB 523 (Irwin) Metropolitan water districts: alternate representative

**Fiscal Impact:** Absorbable administrative costs for processing of proxy vote authority.

**Business Analysis:** Ensure member agencies with only one Metropolitan director maintain the opportunity to vote on issues before the Board in the absence of their director.

#### Option #2

Take no action

**Fiscal Impact:** Unknown

**Business Analysis:** May affect the ability of member agencies with only one Metropolitan director to maintain the opportunity to vote on issues before the Board in the absence of their director.

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## Alternatives Considered

A prior version of this measure would have authorized member agencies with only one board seat the ability to appoint an alternate representative to the Board of Directors for the purpose of participating, deliberating, and voting when the primary member is absent. This authority provided much broader discretion to member agencies, but raised several concerns that led to the sponsors adopting a proxy approach.

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## Applicable Policy

Metropolitan Water District Act Section 52 [Additional Directors]

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

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**Related Board Action(s)/Future Action(s)**

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Minute Item 47538, dated June 24, 2008, Metropolitan's Board approved a similar proxy proposal that was passed by the Legislature but vetoed by then-Governor Schwarzenegger.

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**Summary of Outreach Completed**

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This concept was discussed at the Metropolitan Board of Directors Legislation and Communications Committee, Member Agency Manager Meeting, Member Agency Legislative Coordinators meetings, and several regional member agency venues.

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**California Environmental Quality Act (CEQA)**

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**CEQA determination for Option #1:**

The proposed action is not defined as a project under CEQA because it involves organizational, or administrative activities; personnel-related actions; and/or general policy and procedure making that will not result in direct or indirect physical changes in the environment. (Public Resources Code Section 21065; State CEQA Guidelines Section 15378(b)(2) and (5).

**CEQA determination for Option #2:**

None required

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**Details and Background**

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**Background**

AB 523 (Irwin) is sponsored by Eastern Municipal Water District and seeks to allow any member agency that only has one representative on the Metropolitan Board of Directors the ability to appoint a proxy to vote for the member agency when their primary representative is unable to attend a meeting or meetings of the Board.

This concept originated out of discussions through the Climate Adaptation Master Plan for Water process, which is intended to serve as a foundation for Metropolitan's policy and investment decisions to strengthen resilience and reliability of water supplies collectively and for individual member agencies. Through these discussions, governance and equity have been a key topic of conversation, where board composition and representation have been raised as an area of focus. In exploring this issue in more depth, the opportunity to allow for proxy members on the Metropolitan Board of Directors elevated as a solution that would allow for greater participation and engagement, without delving into the issues of changing the weighted vote allocations or broader changes to board governance.

**Purpose**

Metropolitan's current board structure provides that each member of the Board is entitled to cast one vote for each ten million dollars, or major fractional part thereof, of assessed valuation of property taxable for district purposes in the member public agency service area. Each member agency gets one member on Metropolitan's Board of Directors, plus additional members for each full 5 percent share of Metropolitan's total assessed valuation. This weighed vote structure has resulted in an outcome where 21 of Metropolitan's 26 member agencies currently only have one board representative. For member agencies with more than one board representative, as long as one representative is present, that member's vote carries the entire weighted share of votes for that member agency. However, when a member agency only has one board representative, if that one representative is not present, the entire member agency's vote share is unaccounted for. This proposal would ensure that member agencies with only one representative maintain their ability to have representation while supporting the continuity of board engagement.

**Specific Provisions**

As proposed to be amended, AB 523 (Irwin) would allow member agencies with only one board seat the ability to appoint a proxy to vote on behalf of the primary representative when that representative is absent. Specific provisions include:

1. A proxy designation could only be assigned to an existing member of the Metropolitan Board of Directors.
2. The bill provides that in order for a proxy vote to be authorized, the member agency must notify Metropolitan of the proxy designation in writing at least one business day prior to a meeting.
3. Proxy participation does not include assuming any board officer positions. If the chair were to send a proxy in their place, the vice chair would assume the chair's role.
4. Any proxy appointed to serve on behalf of a member agency representative also assumes any conflicts of interest of the representative they are voting on behalf of.
5. This measure also does not include a sunset date and will ensure that the MWD Act is not required to be reopened for purposes of future amendments.

**Considerations of Future Amendments**

Staff's recommended support position would narrowly apply to the version of the bill with the promised amendments (**Attachment 1**). Any hostile amendments adopted that go beyond the scope of this proposal would lead Metropolitan to adopt an oppose position. Metropolitan's position would therefore be a "support if amended" as shown in the March 19, 2025 amendments (**Attachment 1**).

Metropolitan staff had meetings with the author's office, and they are fully aware of the importance of maintaining the limited scope of this proposal. The author has committed to not allowing hostile amendments to be adopted and Eastern stated that it would also oppose any language that went beyond the intended scope.

While the chance of hostile amendments being forced into the bill is highly unlikely, there is a consensus amongst the parties involved to protect against any expansion to the scope of this proposal.

**Benefits of this Amended Version**

Limiting this authority to a proxy vote assigned to another member of the Board removes concerns about eroding board continuity and confidentiality of closed session meetings.

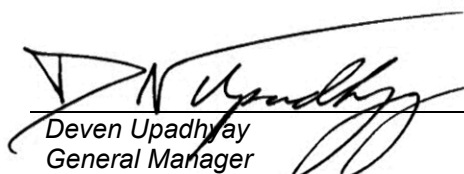
The proxy option also reduces cost pressure for agencies by ensuring that only existing board members can participate, which also reduces logistical challenges of making arrangements for a completely separate member.

The proxy option avoids concerns about expanding the Board of Directors and, because of this reduced risk, does not warrant a sunset provision.

**Highlight of Concerns**

Significant concerns were expressed with the prior version of this bill. At this time, no concerns have been expressed about allowing for the appointment of a proxy as defined by the bill. The only remaining concern stated is the risk of opening Metropolitan's Act to potentially hostile bill amendments, which the author and sponsor agreed to oppose.

  
\_\_\_\_\_  
Sue Sims  
Group Manager-External Affairs  
4/1/2025  
Date

  
\_\_\_\_\_  
Deven Upadhyay  
General Manager  
4/1/2025  
Date

**Attachment 1 –Amendments to AB 523 (Irwin) Metropolitan water districts:  
alternate representative (dated March 19, 2025)**

Ref# 12704277

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Substantive

### AMENDMENTS TO ASSEMBLY BILL NO. 523

#### Amendment 1

On page 2, in line 16, strike out “Each” and insert:

A representative of a

#### Amendment 2

On page 2, in line 17, strike out “to the board of”, strike out lines 18 to 21, inclusive, and insert:

may assign a proxy vote authorization to a representative of another member public agency that shall be exercised when the assigning representative is unable to attend a meeting or meetings of the board of directors.

#### Amendment 3

On page 2, in line 22, strike out “Alternate representative participation does not include”, strike out line 23 and insert:

A proxy vote authorization assigned pursuant to this subdivision shall be memorialized by a written instrument as required by the metropolitan water district that is filed with the district board’s secretary at least one business day in advance of the meeting and the written instrument shall be maintained with the district records.

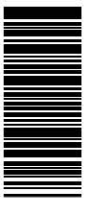
#### Amendment 4

On page 2, in line 24, strike out “(A) All provisions of this act shall apply to the alternate”, strike out line 25 and insert:

A proxy vote authorization that is assigned pursuant to this subdivision permits the assigned representative to cast votes on behalf of the assigning representative only for the assigned meeting or meetings. A proxy vote authorization shall not authorize the assumption of the assigning representative’s officer position at that meeting.

(3) (A) All provisions of this act, including Section 56, apply to the representative assigned a proxy vote authorization pursuant to this subdivision. All provisions of law relating to conflicts of interest that apply to the assigning representative also apply to the representative that is authorized to cast a proxy vote pursuant to this subdivision.

(B) Any conflict of interest of either the assigning representative or the representative that is assigned a proxy vote authorization pursuant to this subdivision applies to that assigned representative for any conflicted item.



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Substantive

Amendment 5  
On page 2, strike out lines 26 to 31, inclusive, and strike out page 3

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## PROPOSED AMENDMENTS TO ASSEMBLY BILL NO. 523

CALIFORNIA LEGISLATURE—2025–26 REGULAR SESSION

## ASSEMBLY BILL

No. 523

Introduced by Assembly Member Irwin

February 10, 2025

An act to amend Section 52 of the Metropolitan Water District Act (Chapter 209 of the Statutes of 1969), relating to metropolitan water districts.

## LEGISLATIVE COUNSEL'S DIGEST

AB 523, as introduced, Irwin. Metropolitan water districts: ~~alternate representative.~~ *proxy vote authorization.*

Under the Metropolitan Water District Act, the board of a metropolitan water district is required to consist of at least one representative from each member public agency, as prescribed. The act authorizes each member public agency to appoint additional representatives not exceeding one additional representative for each 5% of the assessed valuation of property taxable for district purposes within the entire district that is within the boundaries of that member public agency.

The bill would authorize each member public agency that is entitled to designate or appoint only one representative to the board of directors to designate or appoint one alternate representative for the limited purpose of participating in a meeting of the board of directors when the member public agency's designated or appointed representative will be absent from the meeting; *assign a proxy vote authorization to a representative of another member public agency that permits the assigned representative to cast votes on behalf of the assigning representative for an assigned meeting or meetings, as provided.* The bill would ~~prohibit the alternate representative from assuming any~~



AB 523

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SUBSTANTIVE

~~officer position at that meeting, would require the member public agency to be responsible for any additional costs of the alternate representative's meeting participation, and would condition the alternate representative's participation in a meeting of the board of directors on the corresponding member public agency providing the district notice by 5 p.m. on the 5th business day prior to the meeting. The bill would make these provisions inoperative on January 1, 2031. require a proxy vote authorization to be memorialized by a written instrument, as specified. The bill would apply all provisions of law relating to conflicts of interest that apply to the assigning representative to the representative authorized to cast a proxy vote. The bill would also apply any conflict of interest of the assigning representative or the representative that is assigned a proxy vote authorization to that assigned representative for any conflicted item.~~

Vote: majority. Appropriation: no. Fiscal committee: no.  
State-mandated local program: no.

*The people of the State of California do enact as follows:*

Page 2      1      SECTION 1. Section 52 of the Metropolitan Water District  
2      Act (Chapter 209 of the Statutes of 1969), as amended by Section  
3      1 of Chapter 71 of the Statutes of 2019, is amended to read:  
4      Sec. 52. (a) In addition to one representative, any member  
5      public agency may designate and appoint one additional  
6      representative for each full 5 percent of the assessed valuation of  
7      property taxable for district purposes within the entire district that  
8      is within the member public agency, in which event all  
9      representatives present at a meeting of the board of directors when  
10     a vote is taken shall cast, or may abstain from casting, an equal  
11     share of the total vote to which the member public agency is  
12     entitled.  
13     (b) A member public agency shall not have fewer than the  
14     number of representatives the member public agency had as of  
15     January 1, 2019. This subdivision does not affect Section 55.  
16     (c) (1) (A) ~~Each~~ *A representative of a member public agency*  
17     ~~that is entitled to designate or appoint only one representative to~~  
18     ~~the board of directors may designate or appoint one alternate~~  
19     ~~representative for the limited purpose of participating in a meeting~~  
20     ~~of the board of directors when the member public agency's~~  
21     ~~designated or appointed representative will be absent from the~~

**Amendment 1**  
**Amendment 2**

+ ~~meeting~~ may assign a proxy vote authorization to a representative  
 + of another member public agency that shall be exercised when the  
 + assigning representative is unable to attend a meeting or meetings  
 + of the board of directors.

Page 2 22 (B) ~~Alternate representative participation does not include~~  
 23 ~~assuming any officer position at that meeting. A proxy vote~~  
 + authorization assigned pursuant to this subdivision shall be  
 + memorialized by a written instrument as required by the  
 + metropolitan water district that is filed with the district board's  
 + secretary at least one business day in advance of the meeting and  
 + the written instrument shall be maintained with the district records.

24 (2) (A) ~~All provisions of this act shall apply to the alternate~~  
 25 ~~representative of the member public agency. A proxy vote~~  
 + authorization that is assigned pursuant to this subdivision permits  
 + the assigned representative to cast votes on behalf of the assigning  
 + representative only for the assigned meeting or meetings. A proxy  
 + vote authorization shall not authorize the assumption of the  
 + assigning representative's officer position at that meeting.

+ (3) (A) All provisions of this act, including Section 56, apply  
 + to the representative assigned a proxy vote authorization pursuant  
 + to this subdivision. All provisions of law relating to conflicts of  
 + interest that apply to the assigning representative also apply to  
 + the representative that is authorized to cast a proxy vote pursuant  
 + to this subdivision.

+ (B) Any conflict of interest of either the assigning representative  
 + or the representative that is assigned a proxy vote authorization  
 + pursuant to this subdivision applies to that assigned representative  
 + for any conflicted item.

26 (B) ~~The alternate representative may participate in a meeting~~  
 27 ~~of the board of directors provided that the corresponding member~~  
 28 ~~public agency provides the district notice by 5 p.m. on the fifth~~  
 29 ~~business day prior to the meeting.~~

30 (3) ~~The member public agency is responsible for any additional~~  
 31 ~~costs of the alternate representative's meeting participation.~~

Page 3 1 (d) ~~Subdivision (c) shall become inoperative on January 1, 2031.~~

## Amendment 3

## Amendment 4

## Amendment 5

O

Legislation and Communications Committee



# Express support if amended for AB 523 (Irwin) Metropolitan water districts: alternate representative

Item 7-9

April 7, 2025

# AB 523 (Irwin) MWD Act Amendment

## Subject

Express support if amended for AB 523 (Irwin) Metropolitan Water Districts: Alternate Representative. The proposed action is not defined as a project under CEQA.

## Purpose

To deliberate and vote on the Board's position on active legislation impacting the Metropolitan Board of Directors.

AB 523  
(Irwin)  
MWD Act  
Amendment

## Summary

Author: Assemblymember Irwin (D-Thousand Oaks)

Sponsor: Eastern Municipal Water District

Current bill text: Authorizes the appointment of an alternate board representative.

As proposed to be amended: This bill would allow board members to designate a proxy.

AB 523  
(Irwin)  
MWD Act  
Amendment

## Proposed Amendment

As proposed to be amended, would allow each member agency that only has one representative the ability to designate a proxy representative to vote in their place when the primary representative is unavailable.

Proxy must be another current Metropolitan board member.

This would not include a sunset provision.



AB 523  
(Irwin)  
MWD Act  
Amendment

## Specific Provisions

Participation of the proxy does not include assuming any board officer positions.

The proxy designation shall be memorialized by a written instrument and filed with the board secretary one business day in advance of the meeting.

Any conflict of interest that applies to the designating representative also applies to the proxy for purposes of voting on any conflicted items.

# Consideration for Future Amendments

## AB 523 (Irwin) MWD Act Amendment

Assemblymember Irwin committed to protecting the limited scope of this bill.

Metropolitan and Eastern MWD to oppose hostile amendments.

# AB 523 (Irwin) MWD Act Amendment

## Benefits of Proposed Amendments

Assigning the proxy to another member of the Board removes concerns with eroding board continuity and confidentiality.

Proxy option reduces cost pressure on designating member agencies.

Avoids concerns about expanding the Board of Directors and removes need to reopen MWD Act via a sunset provision

AB 523  
(Irwin)  
MWD Act  
Amendment

## Concerns with Proposal

Opening up the MWD Act exposes Metropolitan to risk of hostile amendments.

# AB 523 (Irwin) MWD Act Amendment

## Options

### Option 1:

Express support if amended for AB 523 (Irwin)  
Metropolitan water districts: alternative  
representative

### Option 2:

Take no action





- **Board of Directors**  
***Organization, Personnel and Effectiveness***

4/8/2025 Board Meeting

7-10

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## Subject

Approve the Metropolitan Water District of Southern California's salary schedules pursuant to CalPERS regulations; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

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## Executive Summary

Pursuant to the California Code of Regulations, Section 570.5, Metropolitan's Board of Directors is required to approve an annual Salary Schedule, meeting specific requirements as outlined in the Code.

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## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Approve the attached salary schedule

**Fiscal Impact:** There is no fiscal impact associated with this board action.

**Business Analysis:** If approved, Metropolitan will be in compliance with the California Code of Regulations, Section 570.5 and the negotiated MOUs.

#### Option #2

Do not approve the salary schedule

**Fiscal Impact:** None

**Business Analysis:** If not approved, Metropolitan will not be in compliance with the California Code of Regulations, Section 570.5 and the negotiated MOUs.

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## Alternatives Considered

Not applicable

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## Applicable Policy

Metropolitan Water District Administrative Code Section 6207: Positions Authorized.

Metropolitan Water District Administrative Code Section 6208: Pay Rate Administration.

Metropolitan Water District Administrative Code Section 6500: Hourly Pay Rate Schedule.

Metropolitan Water District Administrative Code Section 11104: Delegations of Responsibilities.

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## Related Board Action(s)/Future Action(s)

Not applicable



## California Environmental Quality Act (CEQA)

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### CEQA determination for Option #1:

The proposed action is not defined as a project under CEQA because it involves organizational, maintenance, or administrative activities; personnel-related actions; and/or general policy and procedure making that will not result in direct or indirect physical changes in the environment. (Public Resources Code Section 21065; State CEQA Guidelines Section 15378(b)(2) and (5)).

### CEQA determination for Option #2:

None required

## Details and Background

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### Background

Pursuant to CalPERS regulations, California Code of Regulations, Section 570.5, employee salaries must be delineated in a salary schedule that meets the following requirements:

1. Approved and adopted by the employer's governing body according to the requirements of applicable public meeting laws.
2. Identifies the position title for every employee position.
3. Shows pay rate for each identified position, which may be stated as a single amount or amounts within a range.
4. Indicates the time base.
5. Is posted at the office of the employer or immediately accessible and available for public review from the employer during normal business hours or posted on the employer's internet website.
6. Indicates an effective date and date of any revisions.
7. Is retained by the employer and available for public inspection for not less than five years.
8. Does not reference another document in lieu of disclosing the pay rate.

To comply with these requirements, The Metropolitan Water District of Southern California's Salary Schedules for the following dates are attached for the Board's approval.

Effective date:

- Metropolitan Water District of Southern California Salary Schedule effective June 26, 2022  
**(Attachment 1)**
- Metropolitan Water District of Southern California Salary Schedule effective August 21, 2022  
**(Attachment 2)**
- Metropolitan Water District of Southern California Salary Schedule effective June 25, 2023  
**(Attachment 3)**
- Metropolitan Water District of Southern California Salary Schedule effective June 23, 2024  
**(Attachment 4)**
- Metropolitan Water District of Southern California Salary Schedule effective January 29, 2025  
**(Attachment 5)**

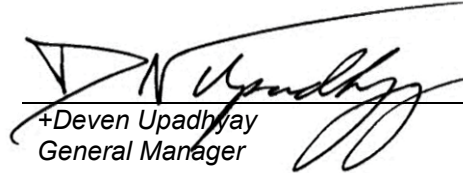
The approval of these salary schedules will ensure Metropolitan's compliance with the Code, the negotiated MOUs, and Administrative Codes. This will also ensure employee's retirement calculations will be based on the appropriate rate of pay.



Mark Brower  
Human Resources Group Manager

3/27/2025

Date



+Deven Upadhyay  
General Manager

3/27/2025

Date

**Attachment 1 – Metropolitan Water District of Southern California Salary Schedule effective June 26, 2022**

**Attachment 2 – Metropolitan Water District of Southern California Salary Schedule effective August 21, 2022**

**Attachment 3 – Metropolitan Water District of Southern California Salary Schedule effective June 25, 2023**

**Attachment 4 – Metropolitan Water District of Southern California Salary Schedule effective June 23, 2024**

**Attachment 5 – Metropolitan Water District of Southern California Salary Schedule effective January 29, 2025**

Ref# hr12706877

Metropolitan Water District of Southern California  
SALARY SCHEDULE

Report ID: MHR828

Page No. 1

Run Date 03/04/2025

Effective Date: 06/26/2022

Run Time 11:19:50

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA01	Accountant	038	\$ 35.83- 47.13	<del>\$ 6,211-</del> 8,169	\$ 74,526- 98,030	02
VA01	Accounting Tech I	029	\$ 27.97- 36.83	<del>\$ 4,848-</del> 6,384	\$ 58,178- 76,606	02
VA02	Accounting Tech II	034	\$ 32.12- 42.23	<del>\$ 5,567-</del> 7,320	\$ 66,810- 87,838	02
Z27	* Accounts Payable Administrator	053	\$ 54.12- 70.89	<del>\$ 9,381-</del> 12,288	\$112,570-147,451	04
Z69	* Accounts Receivable Adminstr	053	\$ 54.12- 70.89	<del>\$ 9,381-</del> 12,288	\$112,570-147,451	04
YA04	Admin Analyst	044	\$ 42.23- 55.62	<del>\$ 7,320-</del> 9,641	\$ 87,838-115,690	02
YC01	Admin Analyst I (C)	039	\$ 36.83- 48.43	<del>\$ 6,384-</del> 8,395	\$ 76,606-100,734	05
YC02	Admin Analyst II (C)	042	\$ 39.97- 52.66	<del>\$ 6,928-</del> 9,128	\$ 83,138-109,533	05
YC03	* Admin Analyst III (C)	045	\$ 43.42- 57.19	<del>\$ 7,526-</del> 9,913	\$ 90,314-118,955	05
VA04	Admin Assistant I	031	\$ 29.54- 38.88	<del>\$ 5,120-</del> 6,739	\$ 61,443- 80,870	02
VC01	Admin Assistant I (C)	031	\$ 29.54- 38.88	<del>\$ 5,120-</del> 6,739	\$ 61,443- 80,870	05
VA05	Admin Assistant II	035	\$ 33.05- 43.42	<del>\$ 5,729-</del> 7,526	\$ 68,744- 90,314	02
VC02	Admin Assistant II (C)	035	\$ 33.05- 43.42	<del>\$ 5,729-</del> 7,526	\$ 68,744- 90,314	05
VA06	Admin Assistant III	039	\$ 36.83- 48.43	<del>\$ 6,384-</del> 8,395	\$ 76,606-100,734	02
VC03	Admin Assistant III (C)	039	\$ 36.83- 48.43	<del>\$ 6,384-</del> 8,395	\$ 76,606-100,734	05
UA04	Admin Secretary	037	\$ 34.86- 45.88	<del>\$ 6,042-</del> 7,953	\$ 72,509- 95,430	02
PM034	* Agricultural Liaison	060	\$ 65.42- 85.49	<del>\$11,339-</del> 14,818	\$136,074-177,819	04
937	Aircraft Pilot	046	\$ 44.60- 58.75	<del>\$ 7,731-</del> 10,183	\$ 92,768-122,200	03
TA12	Aqueduct & Power Dispatcher	045	\$ 43.42- 57.19	<del>\$ 7,526-</del> 9,913	\$ 90,314-118,955	02
T11	Aqueduct Pump Specialist	046	\$ 44.60- 58.75	<del>\$ 7,731-</del> 10,183	\$ 92,768-122,200	02
YC62	* Assistant Ethics Officer	069	\$ 83.20-108.89	<del>\$14,421-</del> 18,874	\$173,056-226,491	05
YA08	Assoc Biologist	043	\$ 41.11- 54.12	<del>\$ 7,126-</del> 9,381	\$ 85,509-112,570	02
YA16	Assoc Chemist	043	\$ 41.11- 54.12	<del>\$ 7,126-</del> 9,381	\$ 85,509-112,570	02
YC18	* Assoc Dpty General Counsel (C)	060	\$ 65.42- 85.49	<del>\$11,339-</del> 14,818	\$136,074-177,819	05
YA26	Assoc Engineer	050	\$ 49.83- 65.42	<del>\$ 8,637-</del> 11,339	\$103,646-136,074	02
YA30	Assoc Environmental Specialist	048	\$ 47.13- 61.99	<del>\$ 8,169-</del> 10,745	\$ 98,030-128,939	02
YA51	Assoc IT Proj Contr Specialist	039	\$ 36.83- 48.43	<del>\$ 6,384-</del> 8,395	\$ 76,606-100,734	02
YA71	Assoc Limnologist	043	\$ 41.11- 54.12	<del>\$ 7,126-</del> 9,381	\$ 85,509-112,570	02
YA76	Assoc Microbiologist	043	\$ 41.11- 54.12	<del>\$ 7,126-</del> 9,381	\$ 85,509-112,570	02
YA84	Assoc Proj Controls Specialist	038	\$ 35.83- 47.13	<del>\$ 6,211-</del> 8,169	\$ 74,526- 98,030	02
YA97	Assoc Resource Specialist	049	\$ 48.43- 63.71	<del>\$ 8,395-</del> 11,043	\$100,734-132,517	02
WC02	Assoc Security Specialist (C)	049	\$ 48.43- 63.71	<del>\$ 8,395-</del> 11,043	\$100,734-132,517	05
YA100	Assoc Water Quality Specialist	043	\$ 41.11- 54.12	<del>\$ 7,126-</del> 9,381	\$ 85,509-112,570	02
YA07	Asst Biologist	038	\$ 35.83- 47.13	<del>\$ 6,211-</del> 8,169	\$ 74,526- 98,030	02
YC63	* Asst Board Administrator	056	\$ 58.75- 76.85	<del>\$10,183-</del> 13,321	\$122,200-159,848	05
YA15	Asst Chemist	038	\$ 35.83- 47.13	<del>\$ 6,211-</del> 8,169	\$ 74,526- 98,030	02
YA24	Asst Engineer I	043	\$ 41.11- 54.12	<del>\$ 7,126-</del> 9,381	\$ 85,509-112,570	02
YA25	Asst Engineer II	046	\$ 44.60- 58.75	<del>\$ 7,731-</del> 10,183	\$ 92,768-122,200	02
YA28	Asst Env Specialist I	038	\$ 35.83- 47.13	<del>\$ 6,211-</del> 8,169	\$ 74,526- 98,030	02
YA29	Asst Env Specialist II	043	\$ 41.11- 54.12	<del>\$ 7,126-</del> 9,381	\$ 85,509-112,570	02
Z12	* Asst GM Strategic Wtr Initiatv	093	\$123.02-168.07	<del>\$21,323-</del> 29,132	\$255,882-349,586	01
985	* Asst General Auditor	081	\$ 88.84-121.39	<del>\$15,399-</del> 21,041	\$184,787-252,491	01
032	* Asst General Counsel	086	\$101.73-138.97	<del>\$17,633-</del> 24,088	\$211,598-289,058	01
Z55	* Asst General Counsel (C)	078	\$105.98-138.97	<del>\$18,370-</del> 24,088	\$220,438-289,058	05
024	* Asst General Manager/CAO	093	\$123.02-168.07	<del>\$21,323-</del> 29,132	\$255,882-349,586	01
Z14	* Asst General Manager/CEAO	093	\$123.02-168.07	<del>\$21,323-</del> 29,132	\$255,882-349,586	01
006	* Asst General Manager/CFO	093	\$123.02-168.07	<del>\$21,323-</del> 29,132	\$255,882-349,586	01
002	* Asst General Manager/COO	094	\$126.36-172.71	<del>\$21,902-</del> 29,936	\$262,829-359,237	01
Z02	* Asst Group Manager	085	\$ 99.01-135.25	<del>\$17,162-</del> 23,443	\$205,941-281,320	01
YA50	Asst IT Proj Contrl Specialist	033	\$ 31.21- 41.11	<del>\$ 5,410-</del> 7,126	\$ 64,917- 85,509	02
YC66	* Asst LegislativeRepresentative	048	\$ 47.13- 61.99	<del>\$ 8,169-</del> 10,745	\$ 98,030-128,939	05
YA70	Asst Limnologist	038	\$ 35.83- 47.13	<del>\$ 6,211-</del> 8,169	\$ 74,526- 98,030	02
YA75	Asst Microbiologist	038	\$ 35.83- 47.13	<del>\$ 6,211-</del> 8,169	\$ 74,526- 98,030	02
YA83	Asst Proj Controls Specialist	033	\$ 31.21- 41.11	<del>\$ 5,410-</del> 7,126	\$ 64,917- 85,509	02
YA95	Asst Resource Specialist I	042	\$ 39.97- 52.66	<del>\$ 6,928-</del> 9,128	\$ 83,138-109,533	02
YA96	Asst Resource Specialist II	045	\$ 43.42- 57.19	<del>\$ 7,526-</del> 9,913	\$ 90,314-118,955	02
Z04C	* Asst Section Manager II (C)	067	\$ 78.89-103.14	<del>\$13,674-</del> 17,878	\$164,091-214,531	05
TA15	Asst System Operator	041	\$ 38.88- 51.16	<del>\$ 6,739-</del> 8,868	\$ 80,870-106,413	02
Z95	* Asst Treasurer	057	\$ 60.36- 78.89	<del>\$10,462-</del> 13,674	\$125,549-164,091	04
Z52	* Asst Unit Mgr-Conveyance&Distr	064	\$ 72.78- 95.16	<del>\$12,615-</del> 16,494	\$151,382-197,933	04
YA99	Asst Water Quality Specialist	038	\$ 35.83- 47.13	<del>\$ 6,211-</del> 8,169	\$ 74,526- 98,030	02
UM001	* AsstContrl/Unit Mgr-Accounting	066	\$ 76.85-100.32	<del>\$13,321-</del> 17,389	\$159,848-208,666	04
UM039	* AsstContrl/Unit Mgr-FinclRptng	066	\$ 76.85-100.32	<del>\$13,321-</del> 17,389	\$159,848-208,666	04
Z32	* Audit Administrator	073	\$ 71.55- 97.72	<del>\$12,402-</del> 16,938	\$148,824-203,258	01
Z68	* Bay-Delta InitiativesPolicyMgr	085	\$ 99.01-135.25	<del>\$17,162-</del> 23,443	\$205,941-281,320	01
YA09	Biologist	048	\$ 47.13- 61.99	<del>\$ 8,169-</del> 10,745	\$ 98,030-128,939	02
Z64	* Board Administrator	072	\$ 69.64- 95.16	<del>\$12,071-</del> 16,494	\$144,851-197,933	01
Z78	* Board Executive Officer	088	\$107.40-146.73	<del>\$18,616-</del> 25,433	\$223,392-305,198	01
U04	* Board Executive Secretary	066	\$ 59.40- 80.99	<del>\$10,296-</del> 14,038	\$123,552-168,459	01
YC06	* Board Specialist (C)	045	\$ 43.42- 57.19	<del>\$ 7,526-</del> 9,913	\$ 90,314-118,955	05

Metropolitan Water District of Southern California  
SALARY SCHEDULE

Report ID: MHR828

Page No. 2

Effective Date: 06/26/2022

Run Date 03/04/2025

Run Time 11:19:50

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
Z65	* Budget and Treasury Manager	081	\$ 88.84-121.39	\$15,399-21,041	\$184,787-252,491	01
Z09	* Business Outreach Manager	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
YA12	Buyer I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
YA13	Buyer II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
YA17	Chemist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
SA06	Chief Cook	024	\$ 24.33- 32.12	\$ 4,217- 5,567	\$ 50,606- 66,810	02
Y08	* Chief Deputy General Counsel	085	\$ 99.01-135.25	\$17,162-23,443	\$205,941-281,320	01
YC21	* Chief Dpty General Counsel (C)	074	\$ 95.16-124.68	\$16,494-21,611	\$197,933-259,334	05
YC65	* Chief EEO Investigator	077	\$ 79.68-108.89	\$13,811-18,874	\$165,734-226,491	01
Z71	* Chief EEO Officer	085	\$ 99.01-135.25	\$17,162-23,443	\$205,941-281,320	01
XA47	Chief Photographer	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA65	Chief Videographer	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
122	Chief of Party	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	03
Z73	* ChiefDvrstyEqty&InclsnOfficer	085	\$ 99.01-135.25	\$17,162-23,443	\$205,941-281,320	01
Z72	* ChiefSustRslncy&InnovOfficer	085	\$ 99.01-135.25	\$17,162-23,443	\$205,941-281,320	01
Z42	* Class & Comp Manager	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	05
SA04	Commercial Truck Driver A	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
SA05A	Commercial Truck Driver B	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
XA01A	Construction Inspector I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA02A	Construction Inspector II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA03A	Construction Inspector III	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA04A	Construction Inspector IV	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
XA05A	Construction Inspector V	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	02
Z36	* Controller	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	05
T04	Conveyance&Distrbtn Specialist	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
XA06	Crane Certification Tech I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA07	Crane Certification Tech II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA09	Cross Connection Technician	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
PM030	* Debt Management Specialist	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
YA20	Deputy Auditor I	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
YA21	Deputy Auditor II	036	\$ 33.97- 44.60	\$ 5,888- 7,731	\$ 70,658- 92,768	02
YA22	Deputy Auditor III	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	02
Z77	* Deputy Chief DE&I Officer	080	\$ 86.42-118.13	\$14,979-20,476	\$179,754-245,710	01
Z75	* Deputy Chief EEO Officer	080	\$ 86.42-118.13	\$14,979-20,476	\$179,754-245,710	01
YC60	* Deputy Ethics Officer	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
Z57	* Deputy General Auditor	077	\$ 79.68-108.89	\$13,811-18,874	\$165,734-226,491	01
YC19	* Deputy General Counsel (C)	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
VA07	Deputy Treasurer	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA11	Designer I	032	\$ 30.40- 39.97	\$ 5,269- 6,928	\$ 63,232- 83,138	02
XA12	Designer II	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
XA13	Designer III	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	02
Z41	* Director of Info Tech Services	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
T14	Diver-Inland Commercial	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YC61	* DptyEthicsOfcr Adv,Comp&Policy	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
Z25	* EEO Manager	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	05
YC25	EHS Field Specialist I (C)	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	05
YC26	EHS Field Specialist II (C)	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	05
YC27	EHS Field Specialist III (C)	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	05
T12	Electrical Specialist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
168	* Electronic Tech Supervisor	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	03
YC42	* Employee Relations Specialist	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	05
YA27	Engineer	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	02
XA20A	Engineering Tech I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA21A	Engineering Tech II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA22A	Engineering Tech III	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA31	Environmental Specialist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
Z59	* Equal Emp Compliance&Policy Co	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
Z16	* Ethics Officer	FR			\$290,014	00
YC35	* Ethics Policy Analyst	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
002A	* ExecOff&AsstGM/WaterResources	094	\$126.36-172.71	\$21,902-29,936	\$262,829-359,237	01
VC04	Executive Assistant I (C)	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	05
VC05	Executive Assistant II (C)	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	05
VC13	* Executive Assistant to the GC	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	05
VC14	* Executive Assistant to the GM	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	05
021	* Executive Legislative Rep	081	\$ 88.84-121.39	\$15,399-21,041	\$184,787-252,491	01
Z56	* Executive Legislative Rep (C)	073	\$ 92.68-121.39	\$16,065-21,041	\$192,774-252,491	05
Z74	* Executive Office Manager	067	\$ 60.92- 83.20	\$10,559-14,421	\$126,714-173,056	01
061	* Executive Secretary	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	04
017	* Executive Strategist	073	\$ 92.68-121.39	\$16,065-21,041	\$192,774-252,491	05
ES01	* Executive Strategist	081	\$ 88.84-121.39	\$15,399-21,041	\$184,787-252,491	01

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 3

Run Date 03/04/2025

Effective Date: 06/26/2022

Run Time 11:19:50

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
SA07	Facilities Maint Assistant	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
TA14	Facilities Maint Mechanic	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA32	Fleet Coordinator	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
VA17	Fleet Dispatch Coordinator	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
VA16	Fleet Dispatcher	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
041	* General Auditor	FR			\$265,013	00
031	* General Counsel	FR			\$369,117	00
706	General Maintenance Asst	021	\$ 22.43- 29.54	\$ 3,888- 5,120	\$ 46,654- 61,443	02
001	* General Manager	FR			\$465,962	00
YC22	* Government&Regional Aff Rep(C)	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	05
YA37	Graphic Arts Designer	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA24	Graphic Technician I	034	\$ 32.12- 42.23	\$ 5,567- 7,320	\$ 66,810- 87,838	02
XA25	Graphic Technician II	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA26	Graphic Technician III	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
SA08	Grounds Maintenance Worker	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
Z01	* Group Manager	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z29	* Group Manager-Bay Delta Intivs	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z60	* Group Manager-Engineering Svcs	089	\$110.31-150.81	\$19,120-26,140	\$229,445-313,685	01
Z58	* Group Manager-External Affairs	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z76	* Group Manager-Finance	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z54	* Group Manager-Human Resources	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z66	* Group Manager-Info Technology	088	\$107.40-146.73	\$18,616-25,433	\$223,392-305,198	01
Z61	* Group Manager-Real Property	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z62	* Group Manager-Water Resrc Mgmt	088	\$107.40-146.73	\$18,616-25,433	\$223,392-305,198	01
Z63	* Group Manager-Water System Ops	089	\$110.31-150.81	\$19,120-26,140	\$229,445-313,685	01
VC06	HR Assistant I (C)	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	05
VC07	HR Assistant II (C)	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	05
VC08	HR Assistant III (C)	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	05
UMA03	* HR Strategic Partner	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
Z40	* HRIS Manager	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	05
YC30	Human Resources Analyst I (C)	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	05
YC31	Human Resources Analyst II (C)	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	05
YC32	* Human Resources Analyst III(C)	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	05
VC09	Human Resources Coordinator	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	05
Z22	* Human Resources Manager I	075	\$ 75.46-103.14	\$13,080-17,878	\$156,957-214,531	01
Z23	* Human Resources Manager II	078	\$ 81.85-111.85	\$14,187-19,387	\$170,248-232,648	01
Z24	* Human Resources Manager III	081	\$ 88.84-121.39	\$15,399-21,041	\$184,787-252,491	01
Z03D	* Human Resources Section Mgr	080	\$ 86.42-118.13	\$14,979-20,476	\$179,754-245,710	01
T08	Hydroelectric Specialist I	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
T05	Hydroelectric Specialist II	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
530	* Hydroelectric Supervisor	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	03
Y12	* IT Architect-Enterprsr Software	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
YA106	IT Business Analyst I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA107	IT Business Analyst II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA108	IT Business Analyst III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
XA27A	IT Communication Tech I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA28A	IT Communication Tech II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA29A	IT Communication Tech III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YA38	IT Enterprise App Analyst I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA39	IT Enterprise App Analyst II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA40	IT Enterprise App Analyst III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YA33	IT GIS Analyst I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA34	IT GIS Analyst II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA35	IT GIS Analyst III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YA42	IT Infrastructure Adminstr I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA43	IT Infrastructure Adminstr II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA44	IT Infrastructure Adminstr III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YA46	IT Network Engineer I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA47	IT Network Engineer II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA48	IT Network Engineer III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YA52	IT Project Controls Specialist	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	02
YA54	IT Quality Analyst I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA55	IT Quality Analyst II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA56	IT Quality Analyst III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
PM032	* IT Service Manager	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
YA58	IT Software Developer I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA59	IT Software Developer II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA60	IT Software Developer III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
Y05	* IT Specialist -Disaster Recvry	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
XA31A	IT Support Analyst I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
XA32A	IT Support Analyst II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
XA33A	IT Support Analyst III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YA62	IT System Administrator I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA63	IT System Administrator II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA64	IT System Administrator III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
Y18	* Info Gov&Ent Content Mgmt Spec	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
YC11	Info Tech Analyst I (C)	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	05
YC12	Info Tech Analyst II (C)	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	05
YC13	* Info Tech Analyst III (C)	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	05
Y14	* Info Technology Architect	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
Y06	* Inland Feeder Projects Admintr	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
Y10	* Inspection Trip Manager	061	\$ 67.21- 87.79	\$11,650-15,217	\$139,797-182,603	04
Y17	* Inspection Trip Specialist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
184	Inspector IV	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	03
XA16	Instrumnt&Cntrl Tech I	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
XA17	Instrumnt&Cntrl Tech II	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	02
XA18	Instrumnt&Cntrl Tech III	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	02
XA19	Instrumnt&Cntrl Tech Specialst	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
716	Inventory Coordinator	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	03
PM033	* Investment Mgmt Specialist	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
XA35A	Lab Info Systems Specialist I	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
XA36A	Lab Info Systems Specialist II	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
UA16	Laboratory Assistant I	025	\$ 25.08- 33.05	\$ 4,347- 5,729	\$ 52,166- 68,744	02
UA17	Laboratory Assistant II	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
XA40	Laboratory Technologist I	034	\$ 32.12- 42.23	\$ 5,567- 7,320	\$ 66,810- 87,838	02
XA41	Laboratory Technologist II	036	\$ 33.97- 44.60	\$ 5,888- 7,731	\$ 70,658- 92,768	02
YA110	Land Surveyor	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
705	Landscape Maint Coordinator	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	03
XA42A	Landscape Maintenance Tech I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA43A	Landscape Maintenance Tech II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
VA08	Law Clerk	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
Z30	* Law Office Administrator (C)	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
YA67	Legal Analyst	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	02
VA09	Legal Assistant I	033	\$ 31.21- 41.11	\$ 5,410- 7,126	\$ 64,917- 85,509	02
VA10	Legal Assistant II	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
VA11	Legal Assistant III	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
UC01	Legal Secretary I (C)	028	\$ 27.16- 35.83	\$ 4,708- 6,211	\$ 56,493- 74,526	05
UC02	Legal Secretary II (C)	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	05
YA104	Legal Technology Specialist	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
Y09	* Legislative Representative	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	05
YA72	Limnologist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
T06	Lineman	046	\$ 44.60- 58.75	\$ 7,731-10,183	\$ 92,768-122,200	02
SA09	Lodging Assistant I	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
SA10	Lodging Assistant II	033	\$ 31.21- 41.11	\$ 5,410- 7,126	\$ 64,917- 85,509	02
UA08	Mailroom Assistant I	016	\$ 19.57- 25.75	\$ 3,392- 4,463	\$ 40,706- 53,560	02
UA09	Mailroom Assistant II	021	\$ 22.43- 29.54	\$ 3,888- 5,120	\$ 46,654- 61,443	02
UA10	Mailroom Assistant III	026	\$ 25.75- 33.97	\$ 4,463- 5,888	\$ 53,560- 70,658	02
620	Maintenance Mechanic I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
612	Maintenance Worker I	025	\$ 25.08- 33.05	\$ 4,347- 5,729	\$ 52,166- 68,744	02
613	Maintenance Worker II	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
614	Maintenance Worker III	033	\$ 31.21- 41.11	\$ 5,410- 7,126	\$ 64,917- 85,509	02
Z39	* Manager of Admin Services	070	\$ 85.49-111.85	\$14,818-19,387	\$177,819-232,648	05
Z70	* Manager of Bay-Delta Programs	082	\$ 91.22-124.68	\$15,811-21,611	\$189,738-259,334	01
Z33	* Manager of Colo RiverResources	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z35	* Manager of Financial Services	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	05
SM020	* Manager of Treasury&Debt Mgmt	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
M81	* Mgt Pr Admin Analyst	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	04
YA77	Microbiologist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
186	* Microcomputer Technology Supv	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	03
636	* O & M Supervisor	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	03
S03	+ O&M Tech I	028	\$ 27.16- 35.83	\$ 4,708- 6,211	\$ 56,493- 74,526	02
S03A	+ O&M Tech I	027	\$ 26.44- 34.86	\$ 4,583- 6,042	\$ 54,995- 72,509	02
S03P	+ O&M Tech I	028	\$ 27.16- 35.83	\$ 4,708- 6,211	\$ 56,493- 74,526	02
S02	+ O&M Tech II	032	\$ 30.40- 39.97	\$ 5,269- 6,928	\$ 63,232- 83,138	02
S02A	+ O&M Tech II	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
S02P	+ O&M Tech II	032	\$ 30.40- 39.97	\$ 5,269- 6,928	\$ 63,232- 83,138	02
T10	+ O&M Tech III	036	\$ 33.97- 44.60	\$ 5,888- 7,731	\$ 70,658- 92,768	02
T10A	+ O&M Tech III	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
T10P	+ O&M Tech III	036	\$ 33.97- 44.60	\$ 5,888- 7,731	\$ 70,658- 92,768	02
T03	+ O&M Tech IV	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
T03A	+ O&M Tech IV	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
T03FS	+ O&M Tech IV	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA80	Oc Health Safety Specialist I	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
YA81	Oc Health Safety Specialist II	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
YA82	Oc Health Safety Specialist III	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
927	* Occ Safety & Health Spec	054	\$ 55.62- 72.78	\$ 9,641-12,615	\$115,690-151,382	04
UA11	Office Assistant	026	\$ 25.75- 33.97	\$ 4,463- 5,888	\$ 53,560- 70,658	02
Z53	* Operations Program Manager	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	04
SA11	Ops and Maintenance Assistant	021	\$ 22.43- 29.54	\$ 3,888- 5,120	\$ 46,654- 61,443	02
Z44	* Org Develop & Training Manager	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	05
Z28	* Payroll Administrator	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	04
XA45	Photographer I	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
XA46	Photographer II	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
XA48	Planner Scheduler	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
139	* Plant Laboratory Supervisor	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	03
519	* Plant Operations Supervisor	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	03
Y20	* Postdoctoral Research Assoc	046	\$ 44.60- 58.75	\$ 7,731-10,183	\$ 96,768-122,200	04
PM028	* Power Planning Specialist	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
YA03	Pr Accountant	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	02
YA06	Pr Admin Analyst	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	02
YC56	* Pr Admin Analyst	066	\$ 59.40- 80.99	\$10,296-14,038	\$123,552-168,459	01
YC05	* Pr Admin Analyst (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
Y16	* Pr Architect	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
216	* Pr Auditor	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
YC44	* Pr Benefits Analyst (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
YA11	Pr Biologist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	02
245	* Pr Buyer	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	04
YA19	Pr Chemist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	02
YC50	* Pr Class & Comp Analyst (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
XA15	Pr Designer	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YC48	* Pr EEO Analyst (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
YC40	* Pr Emp Relations Specialist	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
115	* Pr Engineer	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
165	* Pr Engineering Technician	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
925	* Pr Environmental Spec	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
YC24	* Pr Government&Region AffRep(C)	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
YC52	* Pr HR Training Specialist (C)	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	05
YC46	* Pr HRIS Analyst (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
231	* Pr Info Tech Analyst	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	04
YC15	* Pr Info Tech Analyst (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
YC64	* Pr Info Tech Network Engineer	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
Y07	* Pr Land Surveyor	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
YA69	Pr Legal Analyst	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	02
022	* Pr Legislative Representative	062	\$ 68.99- 90.20	\$11,958-15,635	\$143,499-187,616	05
YA74	Pr Limnologist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	02
YA79	Pr Microbiologist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	02
YA105	Pr Project Controls Specialist	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	02
289	* Pr Public Affairs Rep	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
275	* Pr Real Estate Rep	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	04
YC54	* Pr Recruitment Specialist (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
933	* Pr Resource Specialist	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
223	* Pr Systems Analyst	054	\$ 55.62- 72.78	\$ 9,641-12,615	\$115,690-151,382	04
YC17	* Pr Training Administrator (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
YC10	* Pr Training Specialist (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
YA112	Pr Treasury Analyst	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	02
YA103	Pr Water Quality Specialist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	02
S01	Pre-Apprentice	017	\$ 20.14- 26.44	\$ 3,491- 4,583	\$ 41,891- 54,995	02
PMA04	* Prgrm Mgr-Outreach PrjLaborAgrt	070	\$ 85.49-111.85	\$14,818-19,387	\$177,819-232,648	05
PM031	* Prgrm Mgr-Audit	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
PM021	* Prgrm Mgr-Bay-Delta Initiative	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
PM002	* Prgrm Mgr-Business Continuity	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
PM027	* Prgrm Mgr-Business Outreach	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
PMA02	* Prgrm Mgr-Community Relations	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
PM004	* Prgrm Mgr-Corporate Resources	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
PM029	* Prgrm Mgr-Creative Design	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
PM005	* Prgrm Mgr-Dam Safety Initiatvts	071	\$ 87.79-114.98	\$15,217-19,930	\$182,603-239,158	04
PM006	* Prgrm Mgr-Emergency Management	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
PM026	* Prgrm Mgr-Engineering	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	04
PM001	* Prgrm Mgr-Finance	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
PM007	* Prgrm Mgr-Fleet	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04



Metropolitan Water District of Southern California  
SALARY SCHEDULE

Report ID: MHR828

Page No. 6

Effective Date: 06/26/2022

Run Date 03/04/2025

Run Time 11:19:50

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
PM009	* Prgrm Mgr-Info Technology	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
PM035	* Prgrm Mgr-Innovation	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
PM013	* Prgrm Mgr-Power Sched&Trading	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
PM014	* Prgrm Mgr-Press Office	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
PM015	* Prgrm Mgr-Pure Wtr So Califor	071	\$ 87.79-114.98	\$15,217-19,930	\$182,603-239,158	04
PM022	* Prgrm Mgr-Real Property	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
PM023	* Prgrm Mgr-Safety&RegCompliance	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
PM017	* Prgrm Mgr-Water Resource	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
PM019	* Prgrm Mgr-Web	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
XA50	Production Planner	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
Z13D	* Program Manager I	068	\$ 62.59- 85.49	\$10,849-14,818	\$130,187-177,819	01
Z13E	* Program Manager II	071	\$ 67.80- 92.68	\$11,752-16,065	\$141,024-192,774	01
Z13F	* Program Manager III	074	\$ 73.53-100.32	\$12,745-17,389	\$152,942-208,666	01
YA85	Project Controls Specialist	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	02
TA23	Property Maintenance Tech	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
YA87	Public Affairs Rep I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
YA88	Public Affairs Rep II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
TA21	Pump Plant Maint Operator I	032	\$ 30.40- 39.97	\$ 5,269- 6,928	\$ 63,232- 83,138	02
TA22	Pump Plant Maint Operator II	036	\$ 33.97- 44.60	\$ 5,888- 7,731	\$ 70,658- 92,768	02
T01	Pump Plant Specialist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA90	Quality Assurance Officer	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	02
YA91	Real Estate Representative I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA92	Real Estate Representative II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA93	Real Estate Representative III	046	\$ 44.60- 58.75	\$ 7,731-10,183	\$ 92,768-122,200	02
UA12	Reprographics Technician I	023	\$ 23.71- 31.21	\$ 4,110- 5,410	\$ 49,317- 64,917	02
UA13	Reprographics Technician II	028	\$ 27.16- 35.83	\$ 4,708- 6,211	\$ 56,493- 74,526	02
UA14	Reprographics Technician III	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
YA98	Resource Specialist	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	02
Z03B	* Section Manager I (C)	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	05
Z03C	* Section Manager II (C)	069	\$ 83.20-108.89	\$14,421-18,874	\$173,056-226,491	05
SM005	* Section Mgr-Business Outreach	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
SM014	* Section Mgr-Conveyance&Distrbn	073	\$ 92.68-121.39	\$16,065-21,041	\$192,774-252,491	04
SM002	* Section Mgr-Customer&Comm Svcs	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
SM015	* Section Mgr-Engineering Svcs	073	\$ 92.68-121.39	\$16,065-21,041	\$192,774-252,491	04
SM009	* Section Mgr-Environ Planning	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM003	* Section Mgr-Legislative Svcs	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
SM004	* Section Mgr-Media Services	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
SM006	* Section Mgr-MembrSvc&PubOutrch	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
SM010	* Section Mgr-Ops Safety&Reg Srv	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM011	* Section Mgr-Ops Support Svcs	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM012	* Section Mgr-Power Ops&Planning	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM018	* Section Mgr-Real Property	071	\$ 87.79-114.98	\$15,217-19,930	\$182,603-239,158	04
SM007	* Section Mgr-Rev, Rates &Budget	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
SM019	* Section Mgr-Revenue & Budget	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM013	* Section Mgr-Water Ops&Planning	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM016	* Section Mgr-Water Quality	073	\$ 92.68-121.39	\$16,065-21,041	\$192,774-252,491	04
SM008	* Section Mgr-Water Resource Mgt	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM017	* Section Mgr-Water Treatment	073	\$ 92.68-121.39	\$16,065-21,041	\$192,774-252,491	04
WC01	Security Specialist (C)	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	05
V02	* Special Asst to the GM	072	\$ 69.64- 95.16	\$12,071-16,494	\$144,851-197,933	01
Z16A	* Special Projects Manager	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	05
YA02	Sr Accountant	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	02
VA03	Sr Accounting Tech	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	02
YA05	Sr Admin Analyst	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	02
YC04	* Sr Admin Analyst (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
Y01	* Sr Architect	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
YC43	* Sr Benefits Analyst (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
YA10	Sr Biologist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
YC07	* Sr Board Specialist (C)	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	05
YA14	Sr Buyer	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA18	Sr Chemist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
YC49	* Sr Class & Comp Analyst (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
XA08	Sr Crane Certification Tech	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA10	Sr Cross Connection Tech	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
Z11	* Sr Dep Gen Counsel Lbr Reltns	079	\$ 84.12-114.98	\$14,581-19,930	\$174,970-239,158	01
YA23	Sr Deputy Auditor	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
XA14	Sr Designer	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
YC20	* Sr Dpty General Counsel (C)	071	\$ 87.79-114.98	\$15,217-19,930	\$182,603-239,158	05
YC47	* Sr EEO Analyst (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
YC28	* Sr EHS Field Specialist (C)	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	05

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 7

Run Date 03/04/2025

Run Time 11:19:50

Effective Date: 06/26/2022

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YC41	* Sr Emp Relations Specialist	054	\$ 55.62- 72.78	\$ 9,641-12,615	\$115,690-151,382	05
114	* Sr Engineer	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
XA23A	Sr Engineering Technician	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
924	* Sr Environmental Specialist	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	03
YC04A	* Sr Financial Analyst (C)	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	05
YC23	* Sr Government&Region AffRep(C)	057	\$ 60.36- 78.89	\$10,462-13,674	\$125,549-164,091	05
YC51	* Sr HR Training Specialist (C)	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	05
YC45	* Sr HRIS Analyst (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
YA109	Sr IT Business Analyst	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
XA30A	Sr IT Communication Technician	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	02
YA41	Sr IT Enterprise App Analyst	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
YA36	Sr IT GIS Analyst	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
YA45	Sr IT Infrastructure Adminstr	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
YA49	Sr IT Network Engineer	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
YA53	Sr IT Proj Controls Specialist	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	02
YA57	Sr IT Quality Analyst	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
YA61	Sr IT Software Developer	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
XA34A	Sr IT Support Analyst	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	02
YA65	Sr IT System Administrator	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
201	* Sr Info Systems Auditor	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	04
YC14	* Sr Info Tech Analyst (C)	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	05
XA37A	Sr Lab Info Systems Specialist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
YA66	Sr Land Surveyor	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	02
XA44A	Sr Landscape Maintenance Tech	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA68	Sr Legal Analyst	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	02
UC03	Sr Legal Secretary (C)	040	\$ 37.84- 49.83	\$ 6,559- 8,637	\$ 78,707-103,646	05
YC67	* Sr Legislative Representative	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	05
YA73	Sr Limnologist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
YA78	Sr Microbiologist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
928	* Sr Occup Safety & Health Spec	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
XA49	Sr Planner Scheduler	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA86	Sr Project Controls Specialist	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	02
YA89	Sr Public Affairs Rep	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA94	Sr Real Estate Representative	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	02
YC53	* Sr Recruitment Specialist (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
UA15	Sr Reprographic Technician	034	\$ 32.12- 42.23	\$ 5,567- 7,320	\$ 66,810- 87,838	02
155	* Sr Research Chemist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	03
932	* Sr Resource Specialist	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	03
WC03	Sr Security Specialist	054	\$ 55.62- 72.78	\$ 9,641-12,615	\$115,690-151,382	05
XA56	Sr System Operations Tech	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
TA17	Sr System Operator	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA62A	Sr Technical Writer	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
YC16	* Sr Training Administrator (C)	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	05
YC09	* Sr Training Specialist (C)	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	05
YA113	Sr Treasury Analyst	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	02
YA102	Sr Water Quality Specialist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
XA69	Sr Water Quality Technician	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
V01	* Staff Assistant to the GM	072	\$ 69.64- 95.16	\$12,071-16,494	\$144,851-197,933	01
Z43	* Staffing Manager	062	\$ 68.99- 90.20	\$11,958-15,635	\$143,499-187,616	05
VA12	Storekeeper I	026	\$ 25.75- 33.97	\$ 4,463- 5,888	\$ 53,560- 70,658	02
VA13	Storekeeper II	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
VA14	Storekeeper III	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
Y19	* Strategic Comm&Policy Advisor	081	\$ 88.84-121.39	\$15,399-21,041	\$184,787-252,491	01
PMA01	* Strategic Program Mgr, HR	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
Y13	Student Intern	022	\$ 17.89- 24.33	\$ 3,101- 4,217	\$ 37,211- 50,606	01
S04	Student Intern Desert	010	\$ 16.60- 21.82	\$ 2,877- 3,782	\$ 34,528- 45,386	02
UA18	Student Youth Intern	014	\$ 14.34- 19.57	\$ 2,486- 3,392	\$ 29,827- 40,706	01
260	* Supervising Admin Analyst	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	03
XA51A	Survey and Mapping Tech I	036	\$ 33.97- 44.60	\$ 5,888- 7,731	\$ 70,658- 92,768	02
XA52A	Survey and Mapping Tech II	040	\$ 37.84- 49.83	\$ 6,559- 8,637	\$ 78,707-103,646	02
XA53A	Survey and Mapping Tech III	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA54A	Survey and Mapping Tech IV	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
XA55	System Operations Technician	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
TA16	System Operator	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	02
Z06A	* Team Manager I	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	03
Z06B	* Team Manager II	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	03
Z06C	* Team Manager III	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	03
Z06D	* Team Manager IV	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	03
Z06R	* Team Manager IV (C)	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	05
Z06E	* Team Manager V	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	03

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 8

Run Date 03/04/2025

Effective Date: 06/26/2022

Run Time 11:19:50

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
Z06S	* Team Manager V (C)	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
Z06F	* Team Manager VI	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	03
Z06G	* Team Manager VII	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	03
TM001	* Team Mgr-Admin Svcs Bus Mgmt	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM080	* Team Mgr-Budget	062	\$ 68.99- 90.20	\$11,958-15,635	\$143,499-187,616	04
TM002	* Team Mgr-Business Applications	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM061	* Team Mgr-Business Intel System	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM084	* Team Mgr-Capital Invstmnt Plan	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM003	* Team Mgr-Chemistry	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM079	* Team Mgr-Community Relations	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM005	* Team Mgr-Construction Mgmt I	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
TM004	* Team Mgr-Construction Mgmt II	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM064	* Team Mgr-ConstructionContracts	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM006	* Team Mgr-Control Systems Apps	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM007	* Team Mgr-Corrosion Control	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM078	* Team Mgr-Creative Design	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM008	* Team Mgr-Database	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM009	* Team Mgr-Design	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM073	* Team Mgr-Design Support	057	\$ 60.36- 78.89	\$10,462-13,674	\$125,549-164,091	04
TM072	* Team Mgr-Design Technology	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM081	* Team Mgr-Education	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM013	* Team Mgr-Eng Compliance	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM012	* Team Mgr-Engineering Administr	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM014	* Team Mgr-Enterprise Apps	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM022	* Team Mgr-Enterprise GIS & CAD	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM015	* Team Mgr-EnterprsrWaterSysPrgrm	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
TM065	* Team Mgr-Environ Planning	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
TM016	* Team Mgr-Environ Prgrm Support	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM011	* Team Mgr-Ext Affairs Bus Mgmt	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM019	* Team Mgr-Facility Operations	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM018	* Team Mgr-Facility Planning	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM020	* Team Mgr-Field Survey	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
TM033	* Team Mgr-FinanceRpt&PlantAsset	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM021	* Team Mgr-Geodetics and Mapping	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
TM023	* Team Mgr-Graphic Design	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
TMA01	* Team Mgr-HR Business Support	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	05
TM024	* Team Mgr-Health&SafetyPrgrmSup	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM025	* Team Mgr-Hydraulics&SysMdlng	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM026	* Team Mgr-Hydroelectric	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM027	* Team Mgr-IT Administration	062	\$ 68.99- 90.20	\$11,958-15,635	\$143,499-187,616	04
TM074	* Team Mgr-IT Business Analysis	061	\$ 67.21- 87.79	\$11,650-15,217	\$139,797-182,603	04
TM077	* Team Mgr-IT Client Systems Spt	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
TM082	* Team Mgr-IT Network Systems	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM066	* Team Mgr-IT Prgrm Project Sppt	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
TM028	* Team Mgr-IT Quality Assurance	061	\$ 67.21- 87.79	\$11,650-15,217	\$139,797-182,603	04
TM010	* Team Mgr-IT Service Desk	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
TM055	* Team Mgr-IT Telecommunication	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM067	* Team Mgr-Info Security	061	\$ 67.21- 87.79	\$11,650-15,217	\$139,797-182,603	04
TM046	* Team Mgr-InternalCntr&WaterInv	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM029	* Team Mgr-Inventory Control	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	04
TM075	* Team Mgr-Laboratory Support	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	03
TM068	* Team Mgr-LandPlanning&Managemt	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM031	* Team Mgr-Maint Engineering	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM032	* Team Mgr-Materials&Metallurgy	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
TM034	* Team Mgr-Microbiology	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM035	* Team Mgr-Operations App Svcs	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM036	* Team Mgr-Operations Compliance	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM076	* Team Mgr-Operations Planning	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM037	* Team Mgr-Ops Control Center	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM087	* Team Mgr-Payroll	062	\$ 68.99- 90.20	\$11,958-15,635	\$143,499-187,616	04
TM060	* Team Mgr-Power Ops& Scheduling	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM038	* Team Mgr-Procurement	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM039	* Team Mgr-Prof Contracting Svcs	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM040	* Team Mgr-Program Management	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM041	* Team Mgr-Project Support	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
TM063	* Team Mgr-Property Management	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM042	* Team Mgr-Pump Plant	061	\$ 67.21- 87.79	\$11,650-15,217	\$139,797-182,603	04
TM043	* Team Mgr-QltyAsrn&CompSampling	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM044	* Team Mgr-Real Prop Bus Mgmt	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM045	* Team Mgr-RecordsMgt&ImagingSvc	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 9

Run Date 03/04/2025

Effective Date: 06/26/2022

Run Time 11:19:50

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
TM030	* Team Mgr-Reservoir Management	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM069	* Team Mgr-Resource Development	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM070	* Team Mgr-Resource Planning	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM062	* Team Mgr-Right of Way Acquistn	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM047	* Team Mgr-Safety of Dams&Geotch	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM017	* Team Mgr-Safety&RegSvcSiteSupt	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TMA02	* Team Mgr-SafetyRegTechTraining	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
TM048	* Team Mgr-Security Management	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM049	* Team Mgr-Server Administration	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM050	* Team Mgr-Substructures	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM051	* Team Mgr-Supply Acquisition	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM053	* Team Mgr-Technical Control	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
TM054	* Team Mgr-Technical Writing	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
TM071	* Team Mgr-Treasury Operations	062	\$ 68.99- 90.20	\$11,958-15,635	\$143,499-187,616	04
TM058	* Team Mgr-WRM Business Mgmt	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM059	* Team Mgr-WSO Business Mgmt	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM056	* Team Mgr-Warehouse	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	04
TM057	* Team Mgr-Water Efficiency	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM083	* Team Mgr-WaterReuse&ProcessDev	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
XA57	Technical Illustrator I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA58	Technical Illustrator II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA59A	Technical Writer I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA60A	Technical Writer II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA61A	Technical Writer III	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YC55	* Training Administrator	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	05
VC10	Training Assistant I	030	\$ 28.77- 37.84	\$ 4,987- 6,559	\$ 59,842- 78,707	05
VC11	Training Assistant II	034	\$ 32.12- 42.23	\$ 5,567- 7,320	\$ 66,810- 87,838	05
VC12	Training Assistant III	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	05
Y15	* Training Logistics Specialist	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	03
YC08	* Training Specialist (C)	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	05
ASM01	* Treasurer	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
VA15	Treasury Administrator	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	02
YA116	Treasury Analyst I	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
YA115	Treasury Analyst II	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
YA114	Treasury Analyst III	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	02
Z05E	* Unit Manager V	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
Z05J	* Unit Manager V (C)	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
UM002	* Unit Mgr-Application Services	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	04
UM003	* Unit Mgr-Apprentice&TechTrain	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
UM004	* Unit Mgr-Audit	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
UMA01	* Unit Mgr-Benefits Services	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
UM031	* Unit Mgr-Budget	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
UM030	* Unit Mgr-Chemistry	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UMA02	* Unit Mgr-ClassComp&Recruitment	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
UM005	* Unit Mgr-Construction Services	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM006	* Unit Mgr-Contracting Services	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
UM007	* Unit Mgr-Conveyance&Distribtn	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM008	* Unit Mgr-Document Services	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
UM009	* Unit Mgr-Education	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
UM010	* Unit Mgr-Engineering Services	069	\$ 83.20-108.89	\$14,421-18,874	\$173,056-226,491	04
UM038	* Unit Mgr-Environmental Plng	069	\$ 83.20-108.89	\$14,421-18,874	\$173,056-226,491	04
UM011	* Unit Mgr-Facility Management	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	04
UM012	* Unit Mgr-Fleet Services	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
UM016	* Unit Mgr-IT Infrastructure	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM033	* Unit Mgr-IT Program Mgt Office	069	\$ 83.20-108.89	\$14,421-18,874	\$173,056-226,491	04
UM017	* Unit Mgr-IT Project Planning	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
UM032	* Unit Mgr-IT Security	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM013	* Unit Mgr-Implemnt Proj&Studies	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM014	* Unit Mgr-Imported Supply	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM015	* Unit Mgr-Info Security Svcs	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
UM037	* Unit Mgr-Laboratory Services	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM023	* Unit Mgr-Land Management	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	04
UM018	* Unit Mgr-Manufacturing Svcs	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM029	* Unit Mgr-Microbiology	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM019	* Unit Mgr-Ops Planning&Program	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM036	* Unit Mgr-Ops Proj & Asset Mgmt	069	\$ 83.20-108.89	\$14,421-18,874	\$173,056-226,491	04
UM021	* Unit Mgr-Planning and Acquistn	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	04
UM020	* Unit Mgr-Power&EquipReliabilty	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM040	* Unit Mgr-PowerCompl&Programs	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM035	* Unit Mgr-Rates,Charges&FinPlan	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04

Metropolitan Water District of Southern California  
SALARY SCHEDULE

Report ID: MHR828

Page No. 10

Run Date 03/04/2025

Run Time 11:19:50

Effective Date: 06/26/2022

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
UM024	* Unit Mgr-Risk Management	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
UM041	* Unit Mgr-Safety&Environ Svcs	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM034	* Unit Mgr-Security	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM025	* Unit Mgr-System Analysis	069	\$ 83.20-108.89	\$14,421-18,874	\$173,056-226,491	04
UM026	* Unit Mgr-System Operations	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM027	* Unit Mgr-Water Purification	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM028	* Unit Mgr-Water Treatment Plant	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
XA63	Videographer I	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
XA64	Videographer II	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
YA101	Water Quality Specialist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA66	Water Quality Technician I	033	\$ 31.21- 41.11	\$ 5,410- 7,126	\$ 64,917- 85,509	02
XA67	Water Quality Technician II	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA68	Water Quality Technician III	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA70A	Water Sampling Field Tech	033	\$ 31.21- 41.11	\$ 5,410- 7,126	\$ 64,917- 85,509	02
Z38	* Workers Compensation Manager	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
T13	Wtr Treatment Plant Specialist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
TA18	Wtr Trtment Plant Operator I	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
TA19	Wtr Trtment Plant Operator II	040	\$ 37.84- 49.83	\$ 6,559- 8,637	\$ 78,707-103,646	02
TA20	Wtr Trtment Plant Operator III	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	02

Metropolitan Water District of Southern California  
SALARY SCHEDULE

Report ID: MHR828

Page No. 11

Run Date 03/04/2025

Run Time 11:19:50

Effective Date: 06/26/2022

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
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Unit Code

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00 - Executive  
 01 - Unrepresented  
 02 - AFSCME Local 1902  
 03 - Supervisors Association  
 04 - Management&Professional Assoc  
 05 - Assoc of Conf Employees

\* Not Eligible for Overtime

O&amp;M Tech Titles

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+ O&M Tech I  
     S03A (Grade 27): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
     S03 (Grade 28): Electrical, HVAC, Machinist, Mechanical  
     S03P (Grade 28 - Apprentice): Electrical, Mechanical  
 + O&M Tech II  
     S02A (Grade 31): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
     S02 (Grade 32): Electrical, HVAC, Machinist, Mechanical  
     S02P (Grade 32 - Apprentice): Electrical, Mechanical  
 + O&M Tech III  
     T10A (Grade 35): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
     T10 (Grade 36): Electrical, HVAC, Machinist, Mechanical  
     T10P (Grade 36 - Apprentice): Electrical, Mechanical  
 + O&M Tech IV  
     T03A (Grade 41): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
     T03 (Grade 42): Electrical, HVAC, Machinist, Mechanical  
     T03FS (Grade 42): Welder-Fabricator/Field Services

End of Report

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 1

Run Date 03/04/2025

Effective Date: 08/21/2022

Run Time 11:21:02

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA01	Accountant	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
VA01	Accounting Tech I	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
VA02	Accounting Tech II	034	\$ 32.12- 42.23	\$ 5,567- 7,320	\$ 66,810- 87,838	02
Z27	* Accounts Payable Administrator	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	04
Z69	* Accounts Receivable Adminstr	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	04
YA04	Admin Analyst	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	02
YC01	Admin Analyst I (C)	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	05
YC02	Admin Analyst II (C)	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	05
YC03	* Admin Analyst III (C)	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	05
VA04	Admin Assistant I	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
VC01	Admin Assistant I (C)	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	05
VA05	Admin Assistant II	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
VC02	Admin Assistant II (C)	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	05
VA06	Admin Assistant III	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	02
VC03	Admin Assistant III (C)	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	05
UA04	Admin Secretary	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
PM034	* Agricultural Liaison	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
937	Aircraft Pilot	046	\$ 44.60- 58.75	\$ 7,731-10,183	\$ 92,768-122,200	03
TA12	Aqueduct & Power Dispatcher	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	02
T11	Aqueduct Pump Specialist	046	\$ 44.60- 58.75	\$ 7,731-10,183	\$ 92,768-122,200	02
YC62	* Assistant Ethics Officer	071	\$ 87.79-114.98	\$15,217-19,930	\$182,603-239,158	05
YA08	Assoc Biologist	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
YA16	Assoc Chemist	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
YC18	* Assoc Dpty General Counsel (C)	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
YA26	Assoc Engineer	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	02
YA30	Assoc Environmental Specialist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA51	Assoc IT Proj Contr Specialist	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	02
YA71	Assoc Limnologist	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
YA76	Assoc Microbiologist	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
YA84	Assoc Proj Controls Specialist	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
YA97	Assoc Resource Specialist	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	02
WC02	Assoc Security Specialist (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
YA100	Assoc Water Quality Specialist	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
YA07	Asst Biologist	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
YC63	* Asst Board Administrator	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
YA15	Asst Chemist	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
YA24	Asst Engineer I	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
YA25	Asst Engineer II	046	\$ 44.60- 58.75	\$ 7,731-10,183	\$ 92,768-122,200	02
YA28	Asst Env Specialist I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
YA29	Asst Env Specialist II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
Z12	* Asst GM Strategic Wtr Initiatv	093	\$123.02-168.07	\$21,323-29,132	\$255,882-349,586	01
985	* Asst General Auditor	081	\$ 88.84-121.39	\$15,399-21,041	\$184,787-252,491	01
032	* Asst General Counsel	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z55	* Asst General Counsel (C)	078	\$105.98-138.97	\$18,370-24,088	\$220,438-289,058	05
024	* Asst General Manager/CAO	093	\$123.02-168.07	\$21,323-29,132	\$255,882-349,586	01
Z14	* Asst General Manager/CEAO	093	\$123.02-168.07	\$21,323-29,132	\$255,882-349,586	01
006	* Asst General Manager/CFO	093	\$123.02-168.07	\$21,323-29,132	\$255,882-349,586	01
002	* Asst General Manager/COO	094	\$126.36-172.71	\$21,902-29,936	\$262,829-359,237	01
Z02	* Asst Group Manager	085	\$ 99.01-135.25	\$17,162-23,443	\$205,941-281,320	01
YA50	Asst IT Proj Contrl Specialist	033	\$ 31.21- 41.11	\$ 5,410- 7,126	\$ 64,917- 85,509	02
YC66	* Asst Legislative Representative	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	05
YA70	Asst Limnologist	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
YA75	Asst Microbiologist	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
YA83	Asst Proj Controls Specialist	033	\$ 31.21- 41.11	\$ 5,410- 7,126	\$ 64,917- 85,509	02
YA95	Asst Resource Specialist I	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA96	Asst Resource Specialist II	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	02
Z04C	* Asst Section Manager II (C)	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	05
TA15	Asst System Operator	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
Z95	* Asst Treasurer	057	\$ 60.36- 78.89	\$10,462-13,674	\$125,549-164,091	04
Z52	* Asst Unit Mgr-Conveyance&Distr	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
YA99	Asst Water Quality Specialist	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
UM001	* AsstContrl/Unit Mgr-Accounting	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
UM039	* AsstContrl/Unit Mgr-FinclRptng	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
Z32	* Audit Administrator	073	\$ 71.55- 97.72	\$12,402-16,938	\$148,824-203,258	01
Z68	* Bay-Delta InitiativesPolicyMgr	085	\$ 99.01-135.25	\$17,162-23,443	\$205,941-281,320	01
YA09	Biologist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
Z64	* Board Administrator	072	\$ 69.64- 95.16	\$12,071-16,494	\$144,851-197,933	01
Z78	* Board Executive Officer	088	\$107.40-146.73	\$18,616-25,433	\$223,392-305,198	01
U04	* Board Executive Secretary	066	\$ 59.40- 80.99	\$10,296-14,038	\$123,552-168,459	01
YC06	* Board Specialist (C)	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	05



## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 2

Run Date 03/04/2025

Effective Date: 08/21/2022

Run Time 11:21:02

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
Z65	* Budget and Treasury Manager	081	\$ 88.84-121.39	\$15,399-21,041	\$184,787-252,491	01
Z09	* Business Outreach Manager	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
YA12	Buyer I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
YA13	Buyer II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
YA17	Chemist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
SA06	Chief Cook	024	\$ 24.33- 32.12	\$ 4,217- 5,567	\$ 50,606- 66,810	02
Y08	* Chief Deputy General Counsel	085	\$ 99.01-135.25	\$17,162-23,443	\$205,941-281,320	01
YC21	* Chief Dpty General Counsel (C)	074	\$ 95.16-124.68	\$16,494-21,611	\$197,933-259,334	05
YC65	* Chief EEO Investigator	077	\$ 79.68-108.89	\$13,811-18,874	\$165,734-226,491	01
Z71	* Chief EEO Officer	085	\$ 99.01-135.25	\$17,162-23,443	\$205,941-281,320	01
XA47	Chief Photographer	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA65	Chief Videographer	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
122	Chief of Party	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	03
Z73	* ChiefDvrstyEqty&InclsnOfficer	085	\$ 99.01-135.25	\$17,162-23,443	\$205,941-281,320	01
Z72	* ChiefSustRslncy&InnovOfficer	085	\$ 99.01-135.25	\$17,162-23,443	\$205,941-281,320	01
Z42	* Class & Comp Manager	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	05
SA04	Commercial Truck Driver A	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
SA05A	Commercial Truck Driver B	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
XA01A	Construction Inspector I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA02A	Construction Inspector II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA03A	Construction Inspector III	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA04A	Construction Inspector IV	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
XA05A	Construction Inspector V	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	02
Z36	* Controller	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	05
T04	Conveyance&Distrbtn Specialist	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
XA06	Crane Certification Tech I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA07	Crane Certification Tech II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA09	Cross Connection Technician	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
PM030	* Debt Management Specialist	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
YA20	Deputy Auditor I	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
YA21	Deputy Auditor II	036	\$ 33.97- 44.60	\$ 5,888- 7,731	\$ 70,658- 92,768	02
YA22	Deputy Auditor III	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	02
Z77	* Deputy Chief DE&I Officer	080	\$ 86.42-118.13	\$14,979-20,476	\$179,754-245,710	01
Z75	* Deputy Chief EEO Officer	080	\$ 86.42-118.13	\$14,979-20,476	\$179,754-245,710	01
YC60	* Deputy Ethics Officer	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
Z57	* Deputy General Auditor	077	\$ 79.68-108.89	\$13,811-18,874	\$165,734-226,491	01
YC19	* Deputy General Counsel (C)	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
VA07	Deputy Treasurer	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA11	Designer I	032	\$ 30.40- 39.97	\$ 5,269- 6,928	\$ 63,232- 83,138	02
XA12	Designer II	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
XA13	Designer III	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	02
Z41	* Director of Info Tech Services	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
T14	Diver-Inland Commercial	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YC61	* DptyEthicsOfcr Adv,Comp&Policy	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
Z25	* EEO Manager	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	05
YC25	EHS Field Specialist I (C)	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	05
YC26	EHS Field Specialist II (C)	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	05
YC27	EHS Field Specialist III (C)	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	05
T12	Electrical Specialist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
168	* Electronic Tech Supervisor	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	03
YC42	* Employee Relations Specialist	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	05
YA27	Engineer	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	02
XA20A	Engineering Tech I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA21A	Engineering Tech II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA22A	Engineering Tech III	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA31	Environmental Specialist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
Z59	* Equal Emp Compliance&Policy Co	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
Z16	* Ethics Officer	FR			\$290,014	00
YC35	* Ethics Policy Analyst	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
002A	* ExecOff&AsstGM/WaterResources	094	\$126.36-172.71	\$21,902-29,936	\$262,829-359,237	01
VC04	Executive Assistant I (C)	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	05
VC05	Executive Assistant II (C)	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	05
VC13	* Executive Assistant to the GC	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	05
VC14	* Executive Assistant to the GM	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	05
021	* Executive Legislative Rep	081	\$ 88.84-121.39	\$15,399-21,041	\$184,787-252,491	01
Z56	* Executive Legislative Rep (C)	073	\$ 92.68-121.39	\$16,065-21,041	\$192,774-252,491	05
Z74	* Executive Office Manager	067	\$ 60.92- 83.20	\$10,559-14,421	\$126,714-173,056	01
061	* Executive Secretary	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	04
017	* Executive Strategist	073	\$ 92.68-121.39	\$16,065-21,041	\$192,774-252,491	05
ES01	* Executive Strategist	081	\$ 88.84-121.39	\$15,399-21,041	\$184,787-252,491	01

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 3

Run Date 03/04/2025

Run Time 11:21:02

Effective Date: 08/21/2022

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
SA07	Facilities Maint Assistant	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
TA14	Facilities Maint Mechanic	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA32	Fleet Coordinator	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
VA17	Fleet Dispatch Coordinator	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
VA16	Fleet Dispatcher	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
041	* General Auditor	FR			\$265,013	00
031	* General Counsel	FR			\$369,117	00
706	General Maintenance Asst	021	\$ 22.43- 29.54	\$ 3,888- 5,120	\$ 46,654- 61,443	02
001	* General Manager	FR			\$465,962	00
YC22	* Government&Regional Aff Rep(C)	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	05
YA37	Graphic Arts Designer	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA24	Graphic Technician I	034	\$ 32.12- 42.23	\$ 5,567- 7,320	\$ 66,810- 87,838	02
XA25	Graphic Technician II	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA26	Graphic Technician III	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
SA08	Grounds Maintenance Worker	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
Z01	* Group Manager	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z29	* Group Manager-Bay Delta Intivs	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z60	* Group Manager-Engineering Svcs	089	\$110.31-150.81	\$19,120-26,140	\$229,445-313,685	01
Z58	* Group Manager-External Affairs	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z76	* Group Manager-Finance	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z54	* Group Manager-Human Resources	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z66	* Group Manager-Info Technology	088	\$107.40-146.73	\$18,616-25,433	\$223,392-305,198	01
Z61	* Group Manager-Real Property	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z62	* Group Manager-Water Resrc Mgmt	088	\$107.40-146.73	\$18,616-25,433	\$223,392-305,198	01
Z63	* Group Manager-Water System Ops	089	\$110.31-150.81	\$19,120-26,140	\$229,445-313,685	01
VC06	HR Assistant I (C)	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	05
VC07	HR Assistant II (C)	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	05
VC08	HR Assistant III (C)	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	05
UMA03	* HR Strategic Partner	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
Z40	* HRIS Manager	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	05
YC30	Human Resources Analyst I (C)	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	05
YC31	Human Resources Analyst II (C)	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	05
YC32	* Human Resources Analyst III(C)	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	05
VC09	Human Resources Coordinator	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	05
Z22	* Human Resources Manager I	075	\$ 75.46-103.14	\$13,080-17,878	\$156,957-214,531	01
Z23	* Human Resources Manager II	078	\$ 81.85-111.85	\$14,187-19,387	\$170,248-232,648	01
Z24	* Human Resources Manager III	081	\$ 88.84-121.39	\$15,399-21,041	\$184,787-252,491	01
Z03D	* Human Resources Section Mgr	080	\$ 86.42-118.13	\$14,979-20,476	\$179,754-245,710	01
T08	Hydroelectric Specialist I	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
T05	Hydroelectric Specialist II	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
530	* Hydroelectric Supervisor	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	03
Y12	* IT Architect-Enterprsr Software	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
YA106	IT Business Analyst I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA107	IT Business Analyst II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA108	IT Business Analyst III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
XA27A	IT Communication Tech I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA28A	IT Communication Tech II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA29A	IT Communication Tech III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YA38	IT Enterprise App Analyst I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA39	IT Enterprise App Analyst II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA40	IT Enterprise App Analyst III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YA33	IT GIS Analyst I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA34	IT GIS Analyst II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA35	IT GIS Analyst III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YA42	IT Infrastructure Adminstr I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA43	IT Infrastructure Adminstr II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA44	IT Infrastructure Adminstr III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YA46	IT Network Engineer I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA47	IT Network Engineer II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA48	IT Network Engineer III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YA52	IT Project Controls Specialist	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	02
YA54	IT Quality Analyst I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA55	IT Quality Analyst II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA56	IT Quality Analyst III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
PM032	* IT Service Manager	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
YA58	IT Software Developer I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA59	IT Software Developer II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA60	IT Software Developer III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
Y05	* IT Specialist -Disaster Recvry	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
XA31A	IT Support Analyst I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 4

Run Date 03/04/2025

Effective Date: 08/21/2022

Run Time 11:21:02

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
XA32A	IT Support Analyst II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
XA33A	IT Support Analyst III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
YA62	IT System Administrator I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA63	IT System Administrator II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA64	IT System Administrator III	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
Y18	* Info Gov&Ent Content Mgmt Spec	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
YC11	Info Tech Analyst I (C)	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	05
YC12	Info Tech Analyst II (C)	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	05
YC13	* Info Tech Analyst III (C)	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	05
Y14	* Info Technology Architect	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
Y06	* Inland Feeder Projects Admintr	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
Y10	* Inspection Trip Manager	061	\$ 67.21- 87.79	\$11,650-15,217	\$139,797-182,603	04
Y17	* Inspection Trip Specialist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
184	Inspector IV	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	03
XA16	Instrumnt&Cntrl Tech I	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
XA17	Instrumnt&Cntrl Tech II	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	02
XA18	Instrumnt&Cntrl Tech III	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	02
XA19	Instrumnt&Cntrl Tech Specialst	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
716	Inventory Coordinator	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	03
PM033	* Investment Mgmt Specialist	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
XA35A	Lab Info Systems Specialist I	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
XA36A	Lab Info Systems Specialist II	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
UA16	Laboratory Assistant I	025	\$ 25.08- 33.05	\$ 4,347- 5,729	\$ 52,166- 68,744	02
UA17	Laboratory Assistant II	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
XA40	Laboratory Technologist I	034	\$ 32.12- 42.23	\$ 5,567- 7,320	\$ 66,810- 87,838	02
XA41	Laboratory Technologist II	036	\$ 33.97- 44.60	\$ 5,888- 7,731	\$ 70,658- 92,768	02
YA110	Land Surveyor	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
705	Landscape Maint Coordinator	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	03
XA42A	Landscape Maintenance Tech I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA43A	Landscape Maintenance Tech II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
VA08	Law Clerk	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
Z30	* Law Office Administrator (C)	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
YA67	Legal Analyst	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	02
VA09	Legal Assistant I	033	\$ 31.21- 41.11	\$ 5,410- 7,126	\$ 64,917- 85,509	02
VA10	Legal Assistant II	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
VA11	Legal Assistant III	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
UC01	Legal Secretary I (C)	028	\$ 27.16- 35.83	\$ 4,708- 6,211	\$ 56,493- 74,526	05
UC02	Legal Secretary II (C)	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	05
YA104	Legal Technology Specialist	047	\$ 45.88- 60.36	\$ 7,953-10,462	\$ 95,430-125,549	02
Y09	* Legislative Representative	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	05
YA72	Limnologist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
T06	Lineman	046	\$ 44.60- 58.75	\$ 7,731-10,183	\$ 92,768-122,200	02
SA09	Lodging Assistant I	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
SA10	Lodging Assistant II	033	\$ 31.21- 41.11	\$ 5,410- 7,126	\$ 64,917- 85,509	02
UA08	Mailroom Assistant I	016	\$ 19.57- 25.75	\$ 3,392- 4,463	\$ 40,706- 53,560	02
UA09	Mailroom Assistant II	021	\$ 22.43- 29.54	\$ 3,888- 5,120	\$ 46,654- 61,443	02
UA10	Mailroom Assistant III	026	\$ 25.75- 33.97	\$ 4,463- 5,888	\$ 53,560- 70,658	02
620	Maintenance Mechanic I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
612	Maintenance Worker I	025	\$ 25.08- 33.05	\$ 4,347- 5,729	\$ 52,166- 68,744	02
613	Maintenance Worker II	029	\$ 27.97- 36.83	\$ 4,848- 6,384	\$ 58,178- 76,606	02
614	Maintenance Worker III	033	\$ 31.21- 41.11	\$ 5,410- 7,126	\$ 64,917- 85,509	02
Z39	* Manager of Admin Services	070	\$ 85.49-111.85	\$14,818-19,387	\$177,819-232,648	05
Z70	* Manager of Bay-Delta Programs	082	\$ 91.22-124.68	\$15,811-21,611	\$189,738-259,334	01
Z33	* Manager of Colo RiverResources	086	\$101.73-138.97	\$17,633-24,088	\$211,598-289,058	01
Z35	* Manager of Financial Services	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	05
SM020	* Manager of Treasury&Debt Mgmt	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
M81	* Mgt Pr Admin Analyst	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	04
YA77	Microbiologist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
186	* Microcomputer Technology Supv	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	03
636	* O & M Supervisor	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	03
S03	+ O&M Tech I	028	\$ 27.16- 35.83	\$ 4,708- 6,211	\$ 56,493- 74,526	02
S03A	+ O&M Tech I	027	\$ 26.44- 34.86	\$ 4,583- 6,042	\$ 54,995- 72,509	02
S03P	+ O&M Tech I	028	\$ 27.16- 35.83	\$ 4,708- 6,211	\$ 56,493- 74,526	02
S02	+ O&M Tech II	032	\$ 30.40- 39.97	\$ 5,269- 6,928	\$ 63,232- 83,138	02
S02A	+ O&M Tech II	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
S02P	+ O&M Tech II	032	\$ 30.40- 39.97	\$ 5,269- 6,928	\$ 63,232- 83,138	02
T10	+ O&M Tech III	036	\$ 33.97- 44.60	\$ 5,888- 7,731	\$ 70,658- 92,768	02
T10A	+ O&M Tech III	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
T10P	+ O&M Tech III	036	\$ 33.97- 44.60	\$ 5,888- 7,731	\$ 70,658- 92,768	02
T03	+ O&M Tech IV	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 5

Run Date 03/04/2025

Effective Date: 08/21/2022

Run Time 11:21:02

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
T03A	+ O&M Tech IV	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
T03FS	+ O&M Tech IV	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA80	Oc Health Safety Specialist I	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
YA81	Oc Health Safety Specialist II	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
YA82	Oc Health Safety Specialist III	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
927	* Occ Safety & Health Spec	054	\$ 55.62- 72.78	\$ 9,641-12,615	\$115,690-151,382	04
UA11	Office Assistant	026	\$ 25.75- 33.97	\$ 4,463- 5,888	\$ 53,560- 70,658	02
Z53	* Operations Program Manager	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	04
SA11	Ops and Maintenance Assistant	021	\$ 22.43- 29.54	\$ 3,888- 5,120	\$ 46,654- 61,443	02
Z44	* Org Develop & Training Manager	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	05
Z28	* Payroll Administrator	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	04
XA45	Photographer I	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
XA46	Photographer II	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
XA48	Planner Scheduler	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
139	* Plant Laboratory Supervisor	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	03
519	* Plant Operations Supervisor	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	03
Y20	* Postdoctoral Research Assoc	046	\$ 44.60- 58.75	\$ 7,731-10,183	\$ 96,768-122,200	04
PM028	* Power Planning Specialist	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
YA03	Pr Accountant	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	02
YA06	Pr Admin Analyst	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	02
YC56	* Pr Admin Analyst	066	\$ 59.40- 80.99	\$10,296-14,038	\$123,552-168,459	01
YC05	* Pr Admin Analyst (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
Y16	* Pr Architect	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
216	* Pr Auditor	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
YC44	* Pr Benefits Analyst (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
YA11	Pr Biologist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	02
245	* Pr Buyer	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	04
YA19	Pr Chemist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	02
YC50	* Pr Class & Comp Analyst (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
XA15	Pr Designer	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YC48	* Pr EEO Analyst (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
YC40	* Pr Emp Relations Specialist	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
115	* Pr Engineer	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
165	* Pr Engineering Technician	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
925	* Pr Environmental Spec	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
YC24	* Pr Government&Region AffRep(C)	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
YC52	* Pr HR Training Specialist (C)	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	05
YC46	* Pr HRIS Analyst (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
231	* Pr Info Tech Analyst	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	04
YC15	* Pr Info Tech Analyst (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
YC64	* Pr Info Tech Network Engineer	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
Y07	* Pr Land Surveyor	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
YA69	Pr Legal Analyst	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	02
022	* Pr Legislative Representative	062	\$ 68.99- 90.20	\$11,958-15,635	\$143,499-187,616	05
YA74	Pr Limnologist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	02
YA79	Pr Microbiologist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	02
YA105	Pr Project Controls Specialist	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	02
289	* Pr Public Affairs Rep	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
275	* Pr Real Estate Rep	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	04
YC54	* Pr Recruitment Specialist (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
933	* Pr Resource Specialist	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
223	* Pr Systems Analyst	054	\$ 55.62- 72.78	\$ 9,641-12,615	\$115,690-151,382	04
YC17	* Pr Training Administrator (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
YC10	* Pr Training Specialist (C)	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	05
YA112	Pr Treasury Analyst	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	02
YA103	Pr Water Quality Specialist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	02
S01	Pre-Apprentice	017	\$ 20.14- 26.44	\$ 3,491- 4,583	\$ 41,891- 54,995	02
PMA04	* Prgrm Mgr-Outreach PrjLaborAgrt	070	\$ 85.49-111.85	\$14,818-19,387	\$177,819-232,648	05
PM031	* Prgrm Mgr-Audit	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
PM021	* Prgrm Mgr-Bay-Delta Initiative	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
PM002	* Prgrm Mgr-Business Continuity	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
PM027	* Prgrm Mgr-Business Outreach	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
PMA02	* Prgrm Mgr-Community Relations	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
PM004	* Prgrm Mgr-Corporate Resources	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
PM029	* Prgrm Mgr-Creative Design	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
PM005	* Prgrm Mgr-Dam Safety Initiatvts	071	\$ 87.79-114.98	\$15,217-19,930	\$182,603-239,158	04
PM006	* Prgrm Mgr-Emergency Management	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
PM026	* Prgrm Mgr-Engineering	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	04
PM001	* Prgrm Mgr-Finance	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
PM007	* Prgrm Mgr-Fleet	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 6

Run Date 03/04/2025

Effective Date: 08/21/2022

Run Time 11:21:02

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
PM009	* Prgrm Mgr-Info Technology	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
PM035	* Prgrm Mgr-Innovation	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
PM013	* Prgrm Mgr-Power Sched&Trading	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
PM014	* Prgrm Mgr-Press Office	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
PM015	* Prgrm Mgr-Pure Wtr So Califor	071	\$ 87.79-114.98	\$15,217-19,930	\$182,603-239,158	04
PM022	* Prgrm Mgr-Real Property	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
PM023	* Prgrm Mgr-Safety&RegCompliance	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
PM017	* Prgrm Mgr-Water Resource	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
PM019	* Prgrm Mgr-Web	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
XA50	Production Planner	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
Z13D	* Program Manager I	068	\$ 62.59- 85.49	\$10,849-14,818	\$130,187-177,819	01
Z13E	* Program Manager II	071	\$ 67.80- 92.68	\$11,752-16,065	\$141,024-192,774	01
Z13F	* Program Manager III	074	\$ 73.53-100.32	\$12,745-17,389	\$152,942-208,666	01
YA85	Project Controls Specialist	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	02
TA23	Property Maintenance Tech	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
YA87	Public Affairs Rep I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
YA88	Public Affairs Rep II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
TA21	Pump Plant Maint Operator I	032	\$ 30.40- 39.97	\$ 5,269- 6,928	\$ 63,232- 83,138	02
TA22	Pump Plant Maint Operator II	036	\$ 33.97- 44.60	\$ 5,888- 7,731	\$ 70,658- 92,768	02
T01	Pump Plant Specialist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA90	Quality Assurance Officer	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	02
YA91	Real Estate Representative I	037	\$ 34.86- 45.88	\$ 6,042- 7,953	\$ 72,509- 95,430	02
YA92	Real Estate Representative II	042	\$ 39.97- 52.66	\$ 6,928- 9,128	\$ 83,138-109,533	02
YA93	Real Estate Representative III	046	\$ 44.60- 58.75	\$ 7,731-10,183	\$ 92,768-122,200	02
UA12	Reprographics Technician I	023	\$ 23.71- 31.21	\$ 4,110- 5,410	\$ 49,317- 64,917	02
UA13	Reprographics Technician II	028	\$ 27.16- 35.83	\$ 4,708- 6,211	\$ 56,493- 74,526	02
UA14	Reprographics Technician III	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
YA98	Resource Specialist	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	02
Z03B	* Section Manager I (C)	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	05
Z03C	* Section Manager II (C)	069	\$ 83.20-108.89	\$14,421-18,874	\$173,056-226,491	05
SM005	* Section Mgr-Business Outreach	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
SM014	* Section Mgr-Conveyance&Distrbn	073	\$ 92.68-121.39	\$16,065-21,041	\$192,774-252,491	04
SM002	* Section Mgr-Customer&Comm Svcs	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
SM015	* Section Mgr-Engineering Svcs	073	\$ 92.68-121.39	\$16,065-21,041	\$192,774-252,491	04
SM009	* Section Mgr-Environ Planning	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM003	* Section Mgr-Legislative Svcs	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
SM004	* Section Mgr-Media Services	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
SM006	* Section Mgr-MembrSvc&PubOutrch	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
SM010	* Section Mgr-Ops Safety&Reg Srv	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM011	* Section Mgr-Ops Support Svcs	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM012	* Section Mgr-Power Ops&Planning	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM018	* Section Mgr-Real Property	071	\$ 87.79-114.98	\$15,217-19,930	\$182,603-239,158	04
SM007	* Section Mgr-Rev, Rates &Budget	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
SM019	* Section Mgr-Revenue & Budget	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM013	* Section Mgr-Water Ops&Planning	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM016	* Section Mgr-Water Quality	073	\$ 92.68-121.39	\$16,065-21,041	\$192,774-252,491	04
SM008	* Section Mgr-Water Resource Mgt	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	04
SM017	* Section Mgr-Water Treatment	073	\$ 92.68-121.39	\$16,065-21,041	\$192,774-252,491	04
WC01	Security Specialist (C)	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	05
V02	* Special Asst to the GM	072	\$ 69.64- 95.16	\$12,071-16,494	\$144,851-197,933	01
Z16A	* Special Projects Manager	072	\$ 90.20-118.13	\$15,635-20,476	\$187,616-245,710	05
YA02	Sr Accountant	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	02
VA03	Sr Accounting Tech	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	02
YA05	Sr Admin Analyst	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	02
YC04	* Sr Admin Analyst (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
Y01	* Sr Architect	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
YC43	* Sr Benefits Analyst (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
YA10	Sr Biologist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
YC07	* Sr Board Specialist (C)	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	05
YA14	Sr Buyer	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA18	Sr Chemist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
YC49	* Sr Class & Comp Analyst (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
XA08	Sr Crane Certification Tech	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA10	Sr Cross Connection Tech	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
Z11	* Sr Dep Gen Counsel Lbr Reltns	079	\$ 84.12-114.98	\$14,581-19,930	\$174,970-239,158	01
YA23	Sr Deputy Auditor	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
XA14	Sr Designer	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
YC20	* Sr Dpty General Counsel (C)	071	\$ 87.79-114.98	\$15,217-19,930	\$182,603-239,158	05
YC47	* Sr EEO Analyst (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
YC28	* Sr EHS Field Specialist (C)	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	05

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 7

Run Date 03/04/2025

Run Time 11:21:02

Effective Date: 08/21/2022

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YC41	* Sr Emp Relations Specialist	054	\$ 55.62- 72.78	\$ 9,641-12,615	\$115,690-151,382	05
114	* Sr Engineer	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
XA23A	Sr Engineering Technician	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
924	* Sr Environmental Specialist	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	03
YC04A	* Sr Financial Analyst (C)	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	05
YC23	* Sr Government&Region AffRep(C)	057	\$ 60.36- 78.89	\$10,462-13,674	\$125,549-164,091	05
YC51	* Sr HR Training Specialist (C)	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	05
YC45	* Sr HRIS Analyst (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
YA109	Sr IT Business Analyst	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
XA30A	Sr IT Communication Technician	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	02
YA41	Sr IT Enterprise App Analyst	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
YA36	Sr IT GIS Analyst	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
YA45	Sr IT Infrastructure Adminstr	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
YA49	Sr IT Network Engineer	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
YA53	Sr IT Proj Controls Specialist	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	02
YA57	Sr IT Quality Analyst	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
YA61	Sr IT Software Developer	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
XA34A	Sr IT Support Analyst	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	02
YA65	Sr IT System Administrator	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	02
201	* Sr Info Systems Auditor	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	04
YC14	* Sr Info Tech Analyst (C)	052	\$ 52.66- 68.99	\$ 9,128-11,958	\$109,533-143,499	05
XA37A	Sr Lab Info Systems Specialist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
YA66	Sr Land Surveyor	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	02
XA44A	Sr Landscape Maintenance Tech	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA68	Sr Legal Analyst	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	02
UC03	Sr Legal Secretary (C)	040	\$ 37.84- 49.83	\$ 6,559- 8,637	\$ 78,707-103,646	05
YC67	* Sr Legislative Representative	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	05
YA73	Sr Limnologist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
YA78	Sr Microbiologist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
928	* Sr Occup Safety & Health Spec	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
XA49	Sr Planner Scheduler	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA86	Sr Project Controls Specialist	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	02
YA89	Sr Public Affairs Rep	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YA94	Sr Real Estate Representative	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	02
YC53	* Sr Recruitment Specialist (C)	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	05
UA15	Sr Reprographic Technician	034	\$ 32.12- 42.23	\$ 5,567- 7,320	\$ 66,810- 87,838	02
155	* Sr Research Chemist	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	03
932	* Sr Resource Specialist	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	03
WC03	Sr Security Specialist	054	\$ 55.62- 72.78	\$ 9,641-12,615	\$115,690-151,382	05
XA56	Sr System Operations Tech	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
TA17	Sr System Operator	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA62A	Sr Technical Writer	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
YC16	* Sr Training Administrator (C)	051	\$ 51.16- 67.21	\$ 8,868-11,650	\$106,413-139,797	05
YC09	* Sr Training Specialist (C)	050	\$ 49.83- 65.42	\$ 8,637-11,339	\$103,646-136,074	05
YA113	Sr Treasury Analyst	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	02
YA102	Sr Water Quality Specialist	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
XA69	Sr Water Quality Technician	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
V01	* Staff Assistant to the GM	072	\$ 69.64- 95.16	\$12,071-16,494	\$144,851-197,933	01
Z43	* Staffing Manager	062	\$ 68.99- 90.20	\$11,958-15,635	\$143,499-187,616	05
VA12	Storekeeper I	026	\$ 25.75- 33.97	\$ 4,463- 5,888	\$ 53,560- 70,658	02
VA13	Storekeeper II	031	\$ 29.54- 38.88	\$ 5,120- 6,739	\$ 61,443- 80,870	02
VA14	Storekeeper III	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
Y19	* Strategic Comm&Policy Advisor	081	\$ 88.84-121.39	\$15,399-21,041	\$184,787-252,491	01
PMA01	* Strategic Program Mgr, HR	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
Y13	Student Intern	022	\$ 17.89- 24.33	\$ 3,101- 4,217	\$ 37,211- 50,606	01
S04	Student Intern Desert	010	\$ 16.60- 21.82	\$ 2,877- 3,782	\$ 34,528- 45,386	02
UA18	Student Youth Intern	014	\$ 14.34- 19.57	\$ 2,486- 3,392	\$ 29,827- 40,706	01
260	* Supervising Admin Analyst	049	\$ 48.43- 63.71	\$ 8,395-11,043	\$100,734-132,517	03
XA51A	Survey and Mapping Tech I	036	\$ 33.97- 44.60	\$ 5,888- 7,731	\$ 70,658- 92,768	02
XA52A	Survey and Mapping Tech II	040	\$ 37.84- 49.83	\$ 6,559- 8,637	\$ 78,707-103,646	02
XA53A	Survey and Mapping Tech III	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA54A	Survey and Mapping Tech IV	053	\$ 54.12- 70.89	\$ 9,381-12,288	\$112,570-147,451	02
XA55	System Operations Technician	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
TA16	System Operator	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	02
Z06A	* Team Manager I	055	\$ 57.19- 74.72	\$ 9,913-12,951	\$118,955-155,418	03
Z06B	* Team Manager II	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	03
Z06C	* Team Manager III	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	03
Z06D	* Team Manager IV	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	03
Z06R	* Team Manager IV (C)	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	05
Z06E	* Team Manager V	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	03

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 8

Run Date 03/04/2025

Effective Date: 08/21/2022

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
Z06S	* Team Manager V (C)	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
Z06F	* Team Manager VI	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	03
Z06G	* Team Manager VII	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	03
TM001	* Team Mgr-Admin Svcs Bus Mgmt	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM080	* Team Mgr-Budget	062	\$ 68.99- 90.20	\$11,958-15,635	\$143,499-187,616	04
TM002	* Team Mgr-Business Applications	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM061	* Team Mgr-Business Intel System	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM084	* Team Mgr-Capital Invstmnt Plan	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM003	* Team Mgr-Chemistry	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM079	* Team Mgr-Community Relations	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM005	* Team Mgr-Construction Mgmt I	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
TM004	* Team Mgr-Construction Mgmt II	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM064	* Team Mgr-ConstructionContracts	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM006	* Team Mgr-Control Systems Apps	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM007	* Team Mgr-Corrosion Control	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM078	* Team Mgr-Creative Design	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM008	* Team Mgr-Database	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM009	* Team Mgr-Design	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM073	* Team Mgr-Design Support	057	\$ 60.36- 78.89	\$10,462-13,674	\$125,549-164,091	04
TM072	* Team Mgr-Design Technology	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM081	* Team Mgr-Education	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM013	* Team Mgr-Eng Compliance	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM012	* Team Mgr-Engineering Administr	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM014	* Team Mgr-Enterprise Apps	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM022	* Team Mgr-Enterprise GIS & CAD	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM015	* Team Mgr-EnterprsrWaterSysPrgrm	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
TM065	* Team Mgr-Environ Planning	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
TM016	* Team Mgr-Environ Prgrm Support	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM011	* Team Mgr-Ext Affairs Bus Mgmt	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM019	* Team Mgr-Facility Operations	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM018	* Team Mgr-Facility Planning	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM020	* Team Mgr-Field Survey	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
TM033	* Team Mgr-FinanceRpt&PlantAsset	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM021	* Team Mgr-Geodetics and Mapping	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
TM023	* Team Mgr-Graphic Design	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
TMA01	* Team Mgr-HR Business Support	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	05
TM024	* Team Mgr-Health&SafetyPrgrmSup	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM025	* Team Mgr-Hydraulics&SysMdlng	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM026	* Team Mgr-Hydroelectric	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM027	* Team Mgr-IT Administration	062	\$ 68.99- 90.20	\$11,958-15,635	\$143,499-187,616	04
TM074	* Team Mgr-IT Business Analysis	061	\$ 67.21- 87.79	\$11,650-15,217	\$139,797-182,603	04
TM077	* Team Mgr-IT Client Systems Spt	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
TM082	* Team Mgr-IT Network Systems	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM066	* Team Mgr-IT Prgrm Project Sppt	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
TM028	* Team Mgr-IT Quality Assurance	061	\$ 67.21- 87.79	\$11,650-15,217	\$139,797-182,603	04
TM010	* Team Mgr-IT Service Desk	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
TM055	* Team Mgr-IT Telecommunication	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM067	* Team Mgr-Info Security	061	\$ 67.21- 87.79	\$11,650-15,217	\$139,797-182,603	04
TM046	* Team Mgr-InternalCntr&WaterInv	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM029	* Team Mgr-Inventory Control	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	04
TM075	* Team Mgr-Laboratory Support	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	03
TM068	* Team Mgr-LandPlanning&Managemt	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM031	* Team Mgr-Maint Engineering	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM032	* Team Mgr-Materials&Metallurgy	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
TM034	* Team Mgr-Microbiology	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM035	* Team Mgr-Operations App Svcs	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM036	* Team Mgr-Operations Compliance	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM076	* Team Mgr-Operations Planning	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM037	* Team Mgr-Ops Control Center	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM087	* Team Mgr-Payroll	062	\$ 68.99- 90.20	\$11,958-15,635	\$143,499-187,616	04
TM060	* Team Mgr-Power Ops& Scheduling	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM038	* Team Mgr-Procurement	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM039	* Team Mgr-Prof Contracting Svcs	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM040	* Team Mgr-Program Management	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM041	* Team Mgr-Project Support	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	04
TM063	* Team Mgr-Property Management	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM042	* Team Mgr-Pump Plant	061	\$ 67.21- 87.79	\$11,650-15,217	\$139,797-182,603	04
TM043	* Team Mgr-QltyAsrn&CompSampling	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM044	* Team Mgr-Real Prop Bus Mgmt	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM045	* Team Mgr-RecordsMgt&ImagingSvc	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04



## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

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Run Date 03/04/2025

Effective Date: 08/21/2022

Run Time 11:21:02

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
TM030	* Team Mgr-Reservoir Management	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM069	* Team Mgr-Resource Development	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM070	* Team Mgr-Resource Planning	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM062	* Team Mgr-Right of Way Acquistn	063	\$ 70.89- 92.68	\$12,288-16,065	\$147,451-192,774	04
TM047	* Team Mgr-Safety of Dams&Geotch	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM017	* Team Mgr-Safety&RegSvcSiteSupt	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TMA02	* Team Mgr-SafetyRegTechTraining	060	\$ 65.42- 85.49	\$11,339-14,818	\$136,074-177,819	05
TM048	* Team Mgr-Security Management	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM049	* Team Mgr-Server Administration	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM050	* Team Mgr-Substructures	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM051	* Team Mgr-Supply Acquisition	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
TM053	* Team Mgr-Technical Control	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
TM054	* Team Mgr-Technical Writing	058	\$ 61.99- 80.99	\$10,745-14,038	\$128,939-168,459	04
TM071	* Team Mgr-Treasury Operations	062	\$ 68.99- 90.20	\$11,958-15,635	\$143,499-187,616	04
TM058	* Team Mgr-WRM Business Mgmt	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM059	* Team Mgr-WSO Business Mgmt	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	04
TM056	* Team Mgr-Warehouse	056	\$ 58.75- 76.85	\$10,183-13,321	\$122,200-159,848	04
TM057	* Team Mgr-Water Efficiency	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
TM083	* Team Mgr-WaterReuse&ProcessDev	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
XA57	Technical Illustrator I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA58	Technical Illustrator II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA59A	Technical Writer I	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA60A	Technical Writer II	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA61A	Technical Writer III	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
YC55	* Training Administrator	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	05
VC10	Training Assistant I	030	\$ 28.77- 37.84	\$ 4,987- 6,559	\$ 59,842- 78,707	05
VC11	Training Assistant II	034	\$ 32.12- 42.23	\$ 5,567- 7,320	\$ 66,810- 87,838	05
VC12	Training Assistant III	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	05
Y15	* Training Logistics Specialist	059	\$ 63.71- 83.20	\$11,043-14,421	\$132,517-173,056	03
YC08	* Training Specialist (C)	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	05
ASM01	* Treasurer	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
VA15	Treasury Administrator	039	\$ 36.83- 48.43	\$ 6,384- 8,395	\$ 76,606-100,734	02
YA116	Treasury Analyst I	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
YA115	Treasury Analyst II	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
YA114	Treasury Analyst III	044	\$ 42.23- 55.62	\$ 7,320- 9,641	\$ 87,838-115,690	02
Z05E	* Unit Manager V	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
Z05J	* Unit Manager V (C)	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
UM002	* Unit Mgr-Application Services	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	04
UM003	* Unit Mgr-Apprentice&TechTrain	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
UM004	* Unit Mgr-Audit	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
UMA01	* Unit Mgr-Benefits Services	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
UM031	* Unit Mgr-Budget	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
UM030	* Unit Mgr-Chemistry	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UMA02	* Unit Mgr-ClassComp&Recruitment	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
UM005	* Unit Mgr-Construction Services	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM006	* Unit Mgr-Contracting Services	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
UM007	* Unit Mgr-Conveyance&Distribtn	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM008	* Unit Mgr-Document Services	064	\$ 72.78- 95.16	\$12,615-16,494	\$151,382-197,933	04
UM009	* Unit Mgr-Education	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
UM010	* Unit Mgr-Engineering Services	069	\$ 83.20-108.89	\$14,421-18,874	\$173,056-226,491	04
UM038	* Unit Mgr-Environmental Plng	069	\$ 83.20-108.89	\$14,421-18,874	\$173,056-226,491	04
UM011	* Unit Mgr-Facility Management	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	04
UM012	* Unit Mgr-Fleet Services	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
UM016	* Unit Mgr-IT Infrastructure	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM033	* Unit Mgr-IT Program Mgt Office	069	\$ 83.20-108.89	\$14,421-18,874	\$173,056-226,491	04
UM017	* Unit Mgr-IT Project Planning	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
UM032	* Unit Mgr-IT Security	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM013	* Unit Mgr-Implemnt Proj&Studies	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM014	* Unit Mgr-Imported Supply	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM015	* Unit Mgr-Info Security Svcs	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04
UM037	* Unit Mgr-Laboratory Services	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM023	* Unit Mgr-Land Management	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	04
UM018	* Unit Mgr-Manufacturing Svcs	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM029	* Unit Mgr-Microbiology	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM019	* Unit Mgr-Ops Planning&Program	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM036	* Unit Mgr-Ops Proj & Asset Mgmt	069	\$ 83.20-108.89	\$14,421-18,874	\$173,056-226,491	04
UM021	* Unit Mgr-Planning and Acquistn	067	\$ 78.89-103.14	\$13,674-17,878	\$164,091-214,531	04
UM020	* Unit Mgr-Power&EquipReliabilty	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM040	* Unit Mgr-PowerCompl&Programs	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM035	* Unit Mgr-Rates,Charges&FinPlan	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	04

Metropolitan Water District of Southern California  
SALARY SCHEDULE

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Run Date 03/04/2025

Run Time 11:21:02

Effective Date: 08/21/2022

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
UM024	* Unit Mgr-Risk Management	065	\$ 74.72- 97.72	\$12,951-16,938	\$155,418-203,258	04
UM041	* Unit Mgr-Safety&Environ Svcs	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM034	* Unit Mgr-Security	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM025	* Unit Mgr-System Analysis	069	\$ 83.20-108.89	\$14,421-18,874	\$173,056-226,491	04
UM026	* Unit Mgr-System Operations	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM027	* Unit Mgr-Water Purification	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
UM028	* Unit Mgr-Water Treatment Plant	068	\$ 80.99-105.98	\$14,038-18,370	\$168,459-220,438	04
XA63	Videographer I	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
XA64	Videographer II	041	\$ 38.88- 51.16	\$ 6,739- 8,868	\$ 80,870-106,413	02
YA101	Water Quality Specialist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
XA66	Water Quality Technician I	033	\$ 31.21- 41.11	\$ 5,410- 7,126	\$ 64,917- 85,509	02
XA67	Water Quality Technician II	038	\$ 35.83- 47.13	\$ 6,211- 8,169	\$ 74,526- 98,030	02
XA68	Water Quality Technician III	043	\$ 41.11- 54.12	\$ 7,126- 9,381	\$ 85,509-112,570	02
XA70A	Water Sampling Field Tech	033	\$ 31.21- 41.11	\$ 5,410- 7,126	\$ 64,917- 85,509	02
Z38	* Workers Compensation Manager	066	\$ 76.85-100.32	\$13,321-17,389	\$159,848-208,666	05
T13	Wtr Treatment Plant Specialist	048	\$ 47.13- 61.99	\$ 8,169-10,745	\$ 98,030-128,939	02
TA18	Wtr Trtment Plant Operator I	035	\$ 33.05- 43.42	\$ 5,729- 7,526	\$ 68,744- 90,314	02
TA19	Wtr Trtment Plant Operator II	040	\$ 37.84- 49.83	\$ 6,559- 8,637	\$ 78,707-103,646	02
TA20	Wtr Trtment Plant Operator III	045	\$ 43.42- 57.19	\$ 7,526- 9,913	\$ 90,314-118,955	02

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SALARY SCHEDULE

Page No. 11  
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Classification	Salary	Hourly	Monthly	Annual	Unit
Code	Grade	Range	Range	Range	Code

Unit Code

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00 - Executive  
01 - Unrepresented  
02 - AFSCME Local 1902  
03 - Supervisors Association  
04 - Management&Professional Assoc  
05 - Assoc of Conf Employees

\* Not Eligible for Overtime

O&M Tech Titles

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+ O&M Tech I  
S03A (Grade 27): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
S03 (Grade 28): Electrical, HVAC, Machinist, Mechanical  
S03P (Grade 28 - Apprentice): Electrical, Mechanical  
+ O&M Tech II  
S02A (Grade 31): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
S02 (Grade 32): Electrical, HVAC, Machinist, Mechanical  
S02P (Grade 32 - Apprentice): Electrical, Mechanical  
+ O&M Tech III  
T10A (Grade 35): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
T10 (Grade 36): Electrical, HVAC, Machinist, Mechanical  
T10P (Grade 36 - Apprentice): Electrical, Mechanical  
+ O&M Tech IV  
T03A (Grade 41): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
T03 (Grade 42): Electrical, HVAC, Machinist, Mechanical  
T03FS (Grade 42): Welder-Fabricator/Field Services

End of Report

## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

Page No. 1

Run Date 03/04/2025

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Effective Date: 06/25/2023

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA01	Accountant	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
VA01	Accounting Tech I	029	\$ 30.39- 40.02	\$ 5,268- 6,937	\$ 63,211- 83,242	02
VA02	Accounting Tech II	034	\$ 34.90- 45.89	\$ 6,049- 7,954	\$ 72,592- 95,451	02
YA04	Admin Analyst	044	\$ 45.89- 60.44	\$ 7,954-10,476	\$ 95,451-125,715	02
YC01	Admin Analyst I (C)	039	\$ 40.02- 52.62	\$ 6,937- 9,121	\$ 83,242-109,450	05
YC02	Admin Analyst II (C)	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	05
YC03	* Admin Analyst III (C)	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	05
VA04	Admin Assistant I	031	\$ 32.10- 42.25	\$ 5,564- 7,323	\$ 66,768- 87,880	02
VC01	Admin Assistant I (C)	031	\$ 32.10- 42.25	\$ 5,564- 7,323	\$ 66,768- 87,880	05
VA05	Admin Assistant II	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	02
VC02	Admin Assistant II (C)	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	05
VA06	Admin Assistant III	039	\$ 40.02- 52.62	\$ 6,937- 9,121	\$ 83,242-109,450	02
VC03	Admin Assistant III (C)	039	\$ 40.02- 52.62	\$ 6,937- 9,121	\$ 83,242-109,450	05
UA04	Admin Secretary	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
PM034	* Agricultural Liaison	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
937	Aircraft Pilot	047	\$ 47.26- 62.17	\$ 8,192-10,776	\$ 98,301-129,314	03
TA12	Aqueduct & Power Dispatcher	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	02
T11	Aqueduct Pump Specialist	046	\$ 48.47- 63.84	\$ 8,401-11,066	\$100,818-132,787	02
YC62	* Assistant Ethics Officer	071	\$ 95.39-124.94	\$16,534-21,656	\$198,411-259,875	05
YA08	Assoc Biologist	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
YA16	Assoc Chemist	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
YC18	* Assoc Dpty General Counsel (C)	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	05
YA26	Assoc Engineer	050	\$ 54.14- 71.09	\$ 9,384-12,322	\$112,611-147,867	02
YA30	Assoc Environmental Specialist	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
YA51	Assoc IT Proj Contr Specialist	039	\$ 40.02- 52.62	\$ 6,937- 9,121	\$ 83,242-109,450	02
YA71	Assoc Limnologist	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
YA76	Assoc Microbiologist	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
YA84	Assoc Proj Controls Specialist	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
YA97	Assoc Resource Specialist	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	02
WC02	Assoc Security Specialist (C)	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	05
YA100	Assoc Water Quality Specialist	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
YA07	Asst Biologist	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
YC63	* Asst Board Administrator	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	05
YA15	Asst Chemist	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
YA24	Asst Engineer I	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
YA25	Asst Engineer II	046	\$ 48.47- 63.84	\$ 8,401-11,066	\$100,818-132,787	02
YA28	Asst Env Specialist I	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
YA29	Asst Env Specialist II	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
Z12	* Asst GM Strategic Wtr Initiatv	093	\$133.68-182.63	\$23,171-31,656	\$278,054-379,870	01
985	* Asst General Auditor	081	\$ 96.54-131.91	\$16,734-22,864	\$200,803-274,373	01
032	* Asst General Counsel	086	\$110.54-151.01	\$19,160-26,175	\$229,923-314,101	01
Z55	* Asst General Counsel (C)	078	\$115.16-151.01	\$19,961-26,175	\$239,533-314,101	05
024	* Asst General Manager/CAO	093	\$133.68-182.63	\$23,171-31,656	\$278,054-379,870	01
Z14	* Asst General Manager/CEAO	093	\$133.68-182.63	\$23,171-31,656	\$278,054-379,870	01
006	* Asst General Manager/CFO	093	\$133.68-182.63	\$23,171-31,656	\$278,054-379,870	01
002	* Asst General Manager/COO	094	\$137.31-187.67	\$23,800-32,529	\$285,605-390,354	01
Z02	* Asst Group Manager	085	\$107.59-146.97	\$18,649-25,475	\$223,787-305,698	01
YA50	Asst IT Proj Contrl Specialist	033	\$ 33.92- 44.67	\$ 5,879- 7,743	\$ 70,554- 92,914	02
YC66	* Asst Legislative Representative	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	05
YA70	Asst Limnologist	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
YA75	Asst Microbiologist	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
YA83	Asst Proj Controls Specialist	033	\$ 33.92- 44.67	\$ 5,879- 7,743	\$ 70,554- 92,914	02
YA95	Asst Resource Specialist I	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
YA96	Asst Resource Specialist II	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	02
Z04C	* Asst Section Manager II (C)	067	\$ 85.73-112.07	\$14,860-19,425	\$178,318-233,106	05
TA15	Asst System Operator	041	\$ 42.25- 55.59	\$ 7,323- 9,636	\$ 87,880-115,627	02
Z95	* Asst Treasurer	057	\$ 65.59- 85.73	\$11,369-14,860	\$136,427-178,318	04
UM044	* Asst Treasury and Debt Manager	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
Z52	* Asst Unit Mgr-Conveyance&Distr	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
YA99	Asst Water Quality Specialist	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
UM001	* AsstContrl/Unit Mgr-Accounting	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
UM039	* AsstContrl/Unit Mgr-FinclRptng	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
Z68	* Bay-Delta InitiativesPolicyMgr	085	\$107.59-146.97	\$18,649-25,475	\$223,787-305,698	01
YA09	Biologist	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
Z64	* Board Administrator	072	\$ 75.68-103.40	\$13,118-17,923	\$157,414-215,072	01
Z78	* Board Executive Officer	088	\$116.70-159.44	\$20,228-27,636	\$242,736-331,635	01
U04	* Board Executive Secretary	072	\$ 75.68-103.40	\$13,118-17,923	\$157,414-215,072	01
YC06	* Board Specialist (C)	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	05
Z65	* Budget and Treasury Manager	081	\$ 96.54-131.91	\$16,734-22,864	\$200,803-274,373	01
Z09	* Business Outreach Manager	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04

## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

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Run Date 03/04/2025

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA12	Buyer I	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
YA13	Buyer II	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
YA17	Chemist	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
SA06	Chief Cook	024	\$ 26.44- 34.90	\$ 4,583- 6,049	\$ 54,995- 72,592	02
YC65	* Chief EEO Investigator	077	\$ 86.58-118.33	\$15,007-20,511	\$180,086-246,126	01
Z71	* Chief EEO Officer	085	\$107.59-146.97	\$18,649-25,475	\$223,787-305,698	01
XA47	Chief Photographer	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
122	* Chief of Party	054	\$ 57.29- 74.96	\$ 9,930-12,993	\$119,163-155,917	03
Z80	* Chief of Staff	099	\$157.29-214.94	\$27,264-37,256	\$327,163-447,075	01
Z73	* ChiefDvrstyEqty&InclsnOfficer	085	\$107.59-146.97	\$18,649-25,475	\$223,787-305,698	01
Z72	* ChiefSustRslncy&InnovOfficer	085	\$107.59-146.97	\$18,649-25,475	\$223,787-305,698	01
Z42	* Class & Comp Manager	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	05
SA04	Commercial Truck Driver A	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
SA05A	Commercial Truck Driver B	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
XA01A	Construction Inspector I	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
XA02A	Construction Inspector II	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
XA03A	Construction Inspector III	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
XA04A	Construction Inspector IV	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
XA05A	Construction Inspector V	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	02
Z36	* Controller	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	05
T04	Conveyance&Distribtn Specialist	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
XA06	Crane Certification Tech I	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
XA07	Crane Certification Tech II	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
XA09	Cross Connection Technician	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
PM030	* Debt Management Specialist	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
YA20	Deputy Auditor I	031	\$ 32.10- 42.25	\$ 5,564- 7,323	\$ 66,768- 87,880	02
YA21	Deputy Auditor II	036	\$ 36.91- 48.47	\$ 6,398- 8,401	\$ 76,773-100,818	02
YA22	Deputy Auditor III	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	02
Z77	* Deputy Chief DE&I Officer	080	\$ 93.91-128.36	\$16,278-22,249	\$195,333-266,989	01
Z75	* Deputy Chief EEO Officer	080	\$ 93.91-128.36	\$16,278-22,249	\$195,333-266,989	01
YC60	* Deputy Ethics Officer	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	05
Z57	* Deputy General Auditor	077	\$ 86.58-118.33	\$15,007-20,511	\$180,086-246,126	01
YC19	* Deputy General Counsel (C)	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	05
VA07	Deputy Treasurer	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
XA11	Designer I	032	\$ 33.03- 43.43	\$ 5,725- 7,528	\$ 68,702- 90,334	02
XA12	Designer II	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	02
XA13	Designer III	039	\$ 40.02- 52.62	\$ 6,937- 9,121	\$ 83,242-109,450	02
Z41	* Director of Info Tech Services	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	04
T14	Diver-Inland Commercial	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
YC61	* DptyEthicsOfcr Adv,Comp&Policy	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	05
PM036	* DvrstyEqty&InclsnOut&EngageMgr	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
Z25	* EEO Manager	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	05
YC25	EHS Field Specialist I (C)	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	05
YC26	EHS Field Specialist II (C)	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	05
YC27	EHS Field Specialist III (C)	050	\$ 54.14- 71.09	\$ 9,384-12,322	\$112,611-147,867	05
T12	Electrical Specialist	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
168	* Electronic Tech Supervisor	055	\$ 58.91- 76.96	\$10,211-13,340	\$122,533-160,077	03
YC42	* Employee Relations Specialist	051	\$ 55.59- 73.04	\$ 9,636-12,660	\$115,627-151,923	05
YA27	Engineer	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	02
XA20A	Engineering Tech I	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
XA21A	Engineering Tech II	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
XA22A	Engineering Tech III	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
YA31	Environmental Specialist	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
Z59	* Equal Emp Compliance&Policy Co	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	05
Z16	* Ethics Officer	FR			\$313,643	00
YC35	* Ethics Policy Analyst	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	05
Z81	* Exec Advisor: WtrRes&CapImprvs	086	\$110.54-151.01	\$19,160-26,175	\$229,923-314,101	01
002A	* ExecOff&AsstGM/Wtr&TechResrcs	097	\$149.02-203.59	\$25,830-35,289	\$309,962-423,467	01
VC04	Executive Assistant I (C)	044	\$ 45.89- 60.44	\$ 7,954-10,476	\$ 95,451-125,715	05
VC05	Executive Assistant II (C)	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	05
VC13	* Executive Assistant to the GC	051	\$ 55.59- 73.04	\$ 9,636-12,660	\$115,627-151,923	05
VC14	* Executive Assistant to the GM	051	\$ 55.59- 73.04	\$ 9,636-12,660	\$115,627-151,923	05
021	* Executive Legislative Rep	081	\$ 96.54-131.91	\$16,734-22,864	\$200,803-274,373	01
Z56	* Executive Legislative Rep (C)	073	\$100.71-131.91	\$17,456-22,864	\$209,477-274,373	05
Z74	* Executive Office Manager	067	\$ 66.20- 90.41	\$11,475-15,671	\$137,696-188,053	01
061	* Executive Secretary	051	\$ 55.59- 73.04	\$ 9,636-12,660	\$115,627-151,923	04
017	* Executive Strategist	073	\$100.71-131.91	\$17,456-22,864	\$209,477-274,373	05
ES01	* Executive Strategist	081	\$ 96.54-131.91	\$16,734-22,864	\$200,803-274,373	01
SA07	Facilities Maint Assistant	029	\$ 30.39- 40.02	\$ 5,268- 6,937	\$ 63,211- 83,242	02
TA14	Facilities Maint Mechanic	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 3

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA32	Fleet Coordinator	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
VA17	Fleet Dispatch Coordinator	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	02
VA16	Fleet Dispatcher	031	\$ 32.10- 42.25	\$ 5,564- 7,323	\$ 66,768- 87,880	02
041	* General Auditor	FR			\$288,413	00
031	* General Counsel	FR			\$399,194	00
706	General Maintenance Asst	021	\$ 24.37- 32.10	\$ 4,224- 5,564	\$ 50,690- 66,768	02
001	* General Manager	FR			\$503,942	00
YC22	* Government&Regional Aff Rep(C)	052	\$ 57.22- 74.97	\$ 9,918-12,995	\$119,018-155,938	05
XA24	Graphic Technician I	034	\$ 34.90- 45.89	\$ 6,049- 7,954	\$ 72,592- 95,451	02
XA25	Graphic Technician II	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
XA26	Graphic Technician III	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
SA08	Grounds Maintenance Worker	029	\$ 30.39- 40.02	\$ 5,268- 6,937	\$ 63,211- 83,242	02
Z01	* Group Manager	086	\$110.54-151.01	\$19,160-26,175	\$229,923-314,101	01
Z29	* Group Manager-Bay Delta Intivs	086	\$110.54-151.01	\$19,160-26,175	\$229,923-314,101	01
Z60	* Group Manager-Engineering Svcs	089	\$119.87-163.87	\$20,777-28,404	\$249,330-340,850	01
Z58	* Group Manager-External Affairs	086	\$110.54-151.01	\$19,160-26,175	\$229,923-314,101	01
Z76	* Group Manager-Finance	086	\$110.54-151.01	\$19,160-26,175	\$229,923-314,101	01
Z54	* Group Manager-Human Resources	086	\$110.54-151.01	\$19,160-26,175	\$229,923-314,101	01
Z66	* Group Manager-Info Technology	088	\$116.70-159.44	\$20,228-27,636	\$242,736-331,635	01
Z61	* Group Manager-Real Property	086	\$110.54-151.01	\$19,160-26,175	\$229,923-314,101	01
Z62	* Group Manager-Water Resrc Mgmt	088	\$116.70-159.44	\$20,228-27,636	\$242,736-331,635	01
Z63	* Group Manager-Water System Ops	089	\$119.87-163.87	\$20,777-28,404	\$249,330-340,850	01
Z82	* Group Mgr-Conveyances&Distrbtn	088	\$116.70-159.44	\$20,228-27,636	\$242,736-331,635	01
Z83	* Group Mgr-IntOpsPlng&Supp Svcs	088	\$116.70-159.44	\$20,228-27,636	\$242,736-331,635	01
Z85	* Group Mgr-Treatment&Water Qlty	088	\$116.70-159.44	\$20,228-27,636	\$242,736-331,635	01
VC06	HR Assistant I (C)	031	\$ 32.10- 42.25	\$ 5,564- 7,323	\$ 66,768- 87,880	05
VC07	HR Assistant II (C)	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	05
VC08	HR Assistant III (C)	039	\$ 40.02- 52.62	\$ 6,937- 9,121	\$ 83,242-109,450	05
UMA03	* HR Strategic Partner	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	05
Z40	* HRIS Manager	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	05
YC30	Human Resources Analyst I (C)	039	\$ 40.02- 52.62	\$ 6,937- 9,121	\$ 83,242-109,450	05
YC31	Human Resources Analyst II (C)	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	05
YC32	* Human Resources Analyst III(C)	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	05
VC09	Human Resources Coordinator	041	\$ 42.25- 55.59	\$ 7,323- 9,636	\$ 87,880-115,627	05
Z22	* Human Resources Manager I	075	\$ 81.99-112.07	\$14,212-19,425	\$170,539-233,106	01
Z23	* Human Resources Manager II	078	\$ 88.95-121.55	\$15,418-21,069	\$185,016-252,824	01
Z24	* Human Resources Manager III	081	\$ 96.54-131.91	\$16,734-22,864	\$200,803-274,373	01
Z03D	* Human Resources Section Mgr	080	\$ 93.91-128.36	\$16,278-22,249	\$195,333-266,989	01
T08	Hydroelectric Specialist I	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
T05	Hydroelectric Specialist II	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
530	* Hydroelectric Supervisor	058	\$ 63.85- 83.42	\$11,067-14,459	\$132,808-173,514	03
Y12	* IT Architect-Enterprsr Software	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
YA106	IT Business Analyst I	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
YA107	IT Business Analyst II	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
YA108	IT Business Analyst III	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
XA27A	IT Communication Tech I	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
XA28A	IT Communication Tech II	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
XA29A	IT Communication Tech III	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
YA38	IT Enterprise App Analyst I	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
YA39	IT Enterprise App Analyst II	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
YA40	IT Enterprise App Analyst III	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
YA33	IT GIS Analyst I	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
YA34	IT GIS Analyst II	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
YA35	IT GIS Analyst III	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
YA42	IT Infrastructure Adminstr I	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
YA43	IT Infrastructure Adminstr II	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
YA44	IT Infrastructure Adminstr III	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
YA46	IT Network Engineer I	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
YA47	IT Network Engineer II	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
YA48	IT Network Engineer III	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
YA52	IT Project Controls Specialist	044	\$ 45.89- 60.44	\$ 7,954-10,476	\$ 95,451-125,515	02
YA54	IT Quality Analyst I	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
YA55	IT Quality Analyst II	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
YA56	IT Quality Analyst III	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
PM032	* IT Service Manager	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,525	04
YA58	IT Software Developer I	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
YA59	IT Software Developer II	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
YA60	IT Software Developer III	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
Y05	* IT Specialist -Disaster Recvry	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	04
XA31A	IT Support Analyst I	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02

## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
XA32A	IT Support Analyst II	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
XA33A	IT Support Analyst III	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
YA62	IT System Administrator I	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
YA63	IT System Administrator II	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
YA64	IT System Administrator III	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
Y18	* Info Gov&Ent Content Mgmt Spec	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
YC11	Info Tech Analyst I (C)	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	05
YC12	Info Tech Analyst II (C)	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	05
YC13	* Info Tech Analyst III (C)	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	05
Y14	* Info Technology Architect	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
Y06	* Inland Feeder Projects Admintr	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	04
Y10	* Inspection Trip Manager	061	\$ 73.04- 95.39	\$12,660-16,534	\$151,923-198,411	04
Y17	* Inspection Trip Specialist	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	04
184	Inspector IV	050	\$ 51.32- 67.38	\$ 8,895-11,679	\$106,746-140,150	03
XA16	Instrumnt&Cntrl Tech I	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	02
XA17	Instrumnt&Cntrl Tech II	039	\$ 40.02- 52.62	\$ 6,937- 9,121	\$ 83,242-109,450	02
XA18	Instrumnt&Cntrl Tech III	044	\$ 45.89- 60.44	\$ 7,954-10,476	\$ 95,451-125,715	02
XA19	Instrumnt&Cntrl Tech Specialst	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
716	Inventory Coordinator	045	\$ 44.72- 58.91	\$ 7,751-10,211	\$ 93,018-122,533	03
PM033	* Investment Mgmt Specialist	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
XA35A	Lab Info Systems Specialist I	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
XA36A	Lab Info Systems Specialist II	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
UA16	Laboratory Assistant I	025	\$ 27.25- 35.91	\$ 4,723- 6,224	\$ 56,680- 74,693	02
UA17	Laboratory Assistant II	029	\$ 30.39- 40.02	\$ 5,268- 6,937	\$ 63,211- 83,242	02
XA40	Laboratory Technologist I	034	\$ 34.90- 45.89	\$ 6,049- 7,954	\$ 72,592- 95,451	02
XA41	Laboratory Technologist II	036	\$ 36.91- 48.47	\$ 6,398- 8,401	\$ 76,773-100,818	02
YA110	Land Surveyor	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
705	Landscape Maint Coordinator	044	\$ 43.50- 57.29	\$ 7,540- 9,930	\$ 90,480-119,163	03
XA42A	Landscape Maintenance Tech I	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
XA43A	Landscape Maintenance Tech II	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
VA08	Law Clerk	029	\$ 30.39- 40.02	\$ 5,268- 6,937	\$ 63,211- 83,242	02
Z30	* Law Office Administrator (C)	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	05
YA67	Legal Analyst	044	\$ 45.89- 60.44	\$ 7,954-10,476	\$ 95,451-125,715	02
VA09	Legal Assistant I	033	\$ 33.92- 44.67	\$ 5,879- 7,743	\$ 70,554- 92,914	02
VA10	Legal Assistant II	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
VA11	Legal Assistant III	041	\$ 42.25- 55.59	\$ 7,323- 9,636	\$ 87,880-115,627	02
UC01	Legal Secretary I (C)	028	\$ 29.51- 38.93	\$ 5,115- 6,748	\$ 61,381- 80,974	05
UC02	Legal Secretary II (C)	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	05
YA104	Legal Technology Specialist	047	\$ 49.86- 65.59	\$ 8,642-11,369	\$103,709-136,427	02
Y09	* Legislative Representative	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	05
YA72	Limnologist	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
SA09	Lodging Assistant I	029	\$ 30.39- 40.02	\$ 5,268- 6,937	\$ 63,211- 83,242	02
SA10	Lodging Assistant II	033	\$ 33.92- 44.67	\$ 5,879- 7,743	\$ 70,554- 92,914	02
UA08	Mailroom Assistant I	016	\$ 21.27- 27.98	\$ 3,687- 4,850	\$ 44,242- 58,198	02
UA09	Mailroom Assistant II	021	\$ 24.37- 32.10	\$ 4,224- 5,564	\$ 50,690- 66,768	02
UA10	Mailroom Assistant III	026	\$ 27.98- 36.91	\$ 4,850- 6,398	\$ 58,198- 76,773	02
620	Maintenance Mechanic I	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
612	Maintenance Worker I	025	\$ 27.25- 35.91	\$ 4,723- 6,224	\$ 56,680- 74,693	02
613	Maintenance Worker II	029	\$ 30.39- 40.02	\$ 5,268- 6,937	\$ 63,211- 83,242	02
614	Maintenance Worker III	033	\$ 33.92- 44.67	\$ 5,879- 7,743	\$ 70,554- 92,914	02
Z39	* Manager of Admin Services	070	\$ 92.89-121.55	\$16,101-21,069	\$193,211-252,824	05
Z70	* Manager of Bay-Delta Programs	082	\$ 99.13-135.48	\$17,183-23,483	\$206,190-281,798	01
Z33	* Manager of Colo RiverResources	086	\$110.54-151.01	\$19,160-26,175	\$229,923-314,101	01
Z35	* Manager of Financial Services	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	05
SM020	* Manager of Treasury&Debt Mgmt	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	04
Z79	* MgrBay-Delta Science&RegStrtgy	082	\$ 99.13-135.48	\$17,183-23,483	\$206,190-281,798	01
M81	* Mgt Pr Admin Analyst	055	\$ 62.15- 81.19	\$10,773-14,073	\$129,272-168,875	04
YA77	Microbiologist	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
186	* Microcomputer Technology Supv	060	\$ 67.38- 88.05	\$11,679-15,262	\$140,150-183,144	03
636	* O & M Supervisor	056	\$ 60.51- 79.16	\$10,488-13,721	\$125,861-164,653	03
S03	+ O&M Tech I	028	\$ 29.51- 38.93	\$ 5,115- 6,748	\$ 61,381- 80,974	02
S03A	+ O&M Tech I	027	\$ 28.73- 37.89	\$ 4,980- 6,568	\$ 59,758- 78,811	02
S03P	+ O&M Tech I	028	\$ 29.51- 38.93	\$ 5,115- 6,748	\$ 61,381- 80,974	02
S02	+ O&M Tech II	032	\$ 33.03- 43.43	\$ 5,725- 7,528	\$ 68,702- 90,334	02
S02A	+ O&M Tech II	031	\$ 32.10- 42.25	\$ 5,564- 7,323	\$ 66,768- 87,880	02
S02P	+ O&M Tech II	032	\$ 33.03- 43.43	\$ 5,725- 7,528	\$ 68,702- 90,334	02
T10	+ O&M Tech III	036	\$ 36.91- 48.47	\$ 6,398- 8,401	\$ 76,773-100,818	02
T10A	+ O&M Tech III	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	02
T10P	+ O&M Tech III	036	\$ 36.91- 48.47	\$ 6,398- 8,401	\$ 76,773-100,818	02
T03	+ O&M Tech IV	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02



## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
T03A	+ O&M Tech IV	041	\$ 42.25- 55.59	\$ 7,323- 9,636	\$ 87,880-115,627	02
T03FS	+ O&M Tech IV	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
YA80	Oc Health Safety Specialist I	031	\$ 32.10- 42.25	\$ 5,564- 7,323	\$ 66,768- 87,880	02
YA81	Oc Health Safety Specialist II	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
YA82	Oc Health Safety Specialist III	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
927	* Occ Safety & Health Spec	054	\$ 60.44- 79.08	\$10,476-13,707	\$125,715-164,486	04
UA11	Office Assistant	026	\$ 27.98- 36.91	\$ 4,850- 6,398	\$ 58,198- 76,773	02
Z53	* Operations Program Manager	067	\$ 85.73-112.07	\$14,860-19,425	\$178,318-233,106	04
SA11	Ops and Maintenance Assistant	021	\$ 24.37- 32.10	\$ 4,224- 5,564	\$ 50,690- 66,768	02
Z44	* Org Develop & Training Manager	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	05
VA18	Payroll Specialist	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	02
VA20	Payroll Technician I	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	02
VA19	Payroll Technician II	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
XA45	Photographer I	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	02
XA46	Photographer II	041	\$ 42.25- 55.59	\$ 7,323- 9,636	\$ 87,880-115,627	02
XA48	Planner Scheduler	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
139	* Plant Laboratory Supervisor	055	\$ 58.91- 76.96	\$10,211-13,340	\$122,533-160,077	03
519	* Plant Operations Supervisor	058	\$ 63.85- 83.42	\$11,067-14,459	\$132,808-173,514	03
Y20	* Postdoctoral Research Assoc	046	\$ 48.47- 63.84	\$ 8,401-11,066	\$100,818-132,787	04
T06	Power Line Specialist	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
PM028	* Power Planning Specialist	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
YA03	Pr Accountant	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	02
YA06	Pr Admin Analyst	055	\$ 62.15- 81.19	\$10,773-14,073	\$129,272-168,875	02
YC56	* Pr Admin Analyst	066	\$ 64.54- 88.01	\$11,187-15,255	\$134,243-183,061	01
YC05	* Pr Admin Analyst (C)	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	05
Y16	* Pr Architect	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
216	* Pr Auditor	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	04
YC44	* Pr Benefits Analyst (C)	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	05
YA11	Pr Biologist	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	02
245	* Pr Buyer	055	\$ 62.15- 81.19	\$10,773-14,073	\$129,272-168,875	04
YA19	Pr Chemist	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	02
YC50	* Pr Class & Comp Analyst (C)	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	05
XA15	Pr Designer	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
YC21	* Pr Dpty General Counsel (C)	074	\$103.40-135.48	\$17,923-23,483	\$215,072-281,798	05
Y08	* Pr Dpty General Counsel-LbrRlt	085	\$107.59-146.97	\$18,649-25,475	\$223,787-305,698	01
YC48	* Pr EEO Analyst (C)	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	05
YC40	* Pr Emp Relations Specialist	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	05
115	* Pr Engineer	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
165	* Pr Engineering Technician	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	04
925	* Pr Environmental Spec	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
YC24	* Pr Government&Region AffRep(C)	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	05
YA111	* Pr Graphic Art Designer	055	\$ 62.15- 81.19	\$10,773-14,073	\$129,272-168,875	02
YC52	* Pr HR Training Specialist (C)	055	\$ 62.15- 81.19	\$10,773-14,073	\$129,272-168,875	05
YC46	* Pr HRIS Analyst (C)	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	05
231	* Pr Info Tech Analyst	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	04
YC15	* Pr Info Tech Analyst (C)	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	05
YC64	* Pr Info Tech Network Engineer	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	04
Y07	* Pr Land Surveyor	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
YA69	Pr Legal Analyst	055	\$ 62.15- 81.19	\$10,773-14,073	\$129,272-168,875	02
022	* Pr Legislative Representative	062	\$ 74.97- 98.02	\$12,995-16,990	\$155,938-203,882	05
YA74	Pr Limnologist	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	02
YA79	Pr Microbiologist	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	02
YA105	Pr Project Controls Specialist	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	02
289	* Pr Public Affairs Rep	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	04
275	* Pr Real Estate Rep	055	\$ 62.15- 81.19	\$10,773-14,073	\$129,272-168,875	04
YC54	* Pr Recruitment Specialist (C)	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	05
933	* Pr Resource Specialist	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
223	* Pr Systems Analyst	054	\$ 60.44- 79.08	\$10,476-13,707	\$125,715-164,486	04
YC17	* Pr Training Administrator (C)	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	05
YC10	* Pr Training Specialist (C)	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	05
YA112	Pr Treasury Analyst	055	\$ 62.15- 81.19	\$10,773-14,073	\$129,272-168,875	02
XA71	* Pr Videographer	055	\$ 62.15- 81.19	\$10,773-14,073	\$129,272-168,875	02
YA103	Pr Water Quality Specialist	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	02
S01	Pre-Apprentice	017	\$ 21.88- 28.73	\$ 3,793- 4,980	\$ 45,510- 59,758	02
PMA04	* Prgm Mgr-Outreach PrjLaborAgrt	070	\$ 92.89-121.55	\$16,101-21,069	\$193,211-252,824	05
PM031	* Prgrm Mgr-Audit	065	\$ 81.19-106.19	\$14,073-18,406	\$168,875-220,875	04
PM021	* Prgrm Mgr-Bay-Delta Initiative	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
PM002	* Prgrm Mgr-Business Continuity	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
PM027	* Prgrm Mgr-Business Outreach	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
PM038	* Prgrm Mgr-Climate Action Plan	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04

## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

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Run Date 03/04/2025

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
PM037	* Prgrm Mgr-Climate Adaptn Plng	071	\$ 95.39-124.94	\$16,534-21,656	\$198,411-259,875	04
PMA03	* Prgrm Mgr-CmtyRlts Delta/PV	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	05
PMA02	* Prgrm Mgr-Community Relations	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	05
PM004	* Prgrm Mgr-Corporate Resources	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
PM029	* Prgrm Mgr-Creative Design	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
PM005	* Prgrm Mgr-Dam Safety Initiatvts	071	\$ 95.39-124.94	\$16,534-21,656	\$198,411-259,875	04
PM006	* Prgrm Mgr-Emergency Management	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
PM026	* Prgrm Mgr-Engineering	067	\$ 85.73-112.07	\$14,860-19,425	\$178,318-233,106	04
PM001	* Prgrm Mgr-Finance	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
PM007	* Prgrm Mgr-Fleet	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
PM009	* Prgrm Mgr-Info Technology	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
PM035	* Prgrm Mgr-Innovation	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
PM013	* Prgrm Mgr-Power Sched&Trading	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
PM014	* Prgrm Mgr-Press Office	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
PM015	* Prgrm Mgr-Pure Wtr So Califor	071	\$ 95.39-124.94	\$16,534-21,656	\$198,411-259,875	04
PM022	* Prgrm Mgr-Real Property	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
PM023	* Prgrm Mgr-Safety&RegCompliance	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
PM017	* Prgrm Mgr-Water Resource	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
PM019	* Prgrm Mgr-Web	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
XA50	Production Planner	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
Z13D	* Program Manager I	068	\$ 68.02- 92.89	\$11,790-16,101	\$141,482-193,211	01
Z13E	* Program Manager II	071	\$ 73.67-100.71	\$12,769-17,456	\$153,234-209,477	01
Z13F	* Program Manager III	074	\$ 79.91-109.01	\$13,851-18,895	\$166,213-226,741	01
YA85	Project Controls Specialist	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	02
TA25	Property Maintenance Specialist	044	\$ 45.89- 60.44	\$ 7,954-10,476	\$ 95,451-125,715	02
TA24	Property Maintenance Tech I	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
TA23	Property Maintenance Tech II	041	\$ 42.25- 55.59	\$ 7,323- 9,636	\$ 87,880-115,627	02
YA87	Public Affairs Rep I	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
YA88	Public Affairs Rep II	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
TA21	Pump Plant Maint Operator I	032	\$ 33.03- 43.43	\$ 5,725- 7,528	\$ 68,702- 90,334	02
TA22	Pump Plant Maint Operator II	036	\$ 36.91- 48.47	\$ 6,398- 8,401	\$ 76,773-100,818	02
T01	Pump Plant Specialist	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
YA90	Quality Assurance Officer	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	02
YA91	Real Estate Representative I	037	\$ 37.89- 49.86	\$ 6,568- 8,642	\$ 78,811-103,709	02
YA92	Real Estate Representative II	042	\$ 43.43- 57.22	\$ 7,528- 9,918	\$ 90,334-119,018	02
YA93	Real Estate Representative III	046	\$ 48.47- 63.84	\$ 8,401-11,066	\$100,818-132,787	02
UA12	Reprographics Technician I	023	\$ 25.76- 33.92	\$ 4,465- 5,879	\$ 53,581- 70,554	02
UA13	Reprographics Technician II	028	\$ 29.51- 38.93	\$ 5,115- 6,748	\$ 61,381- 80,974	02
UA14	Reprographics Technician III	031	\$ 32.10- 42.25	\$ 5,564- 7,323	\$ 66,768- 87,880	02
YA98	Resource Specialist	055	\$ 62.15- 81.19	\$10,773-14,073	\$129,272-168,875	02
Z84	* SafetySecurity&ProOfficer	085	\$107.59-146.97	\$18,649-25,475	\$223,787-305,698	01
Z03B	* Section Manager I (C)	067	\$ 85.73-112.07	\$14,860-19,425	\$178,318-233,106	05
Z03C	* Section Manager II (C)	069	\$ 90.41-118.33	\$15,671-20,511	\$188,053-246,126	05
SM005	* Section Mgr-Business Outreach	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
SM014	* Section Mgr-Conveyance&Distrbn	073	\$100.71-131.91	\$17,456-22,864	\$209,477-274,373	04
SM002	* Section Mgr-Customer&Comm Svcs	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
SM015	* Section Mgr-Engineering Svcs	073	\$100.71-131.91	\$17,456-22,864	\$209,477-274,373	04
SM009	* Section Mgr-Environ Planning	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	04
SM003	* Section Mgr-Legislative Svcs	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
SM004	* Section Mgr-Media Services	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
SM006	* Section Mgr-MembrSvc&PubOutrch	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
SM010	* Section Mgr-Ops Safety&Reg Srv	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	04
SM011	* Section Mgr-Ops Support Svcs	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	04
SM012	* Section Mgr-Power Ops&Planning	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	04
SM018	* Section Mgr-Real Property	071	\$ 95.39-124.94	\$16,534-21,656	\$198,411-259,875	04
SM007	* Section Mgr-Rev, Rates & Budget	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
SM019	* Section Mgr-Revenue & Budget	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	04
SM021	* Section Mgr-Sustain&Resilience	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	04
SM013	* Section Mgr-Water Ops&Planning	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	04
SM016	* Section Mgr-Water Quality	073	\$100.71-131.91	\$17,456-22,864	\$209,477-274,373	04
SM008	* Section Mgr-Water Resource Mgt	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	04
SM017	* Section Mgr-Water Treatment	073	\$100.71-131.91	\$17,456-22,864	\$209,477-274,373	04
WC01	Security Specialist (C)	051	\$ 55.59- 73.04	\$ 9,636-12,660	\$115,627-151,923	05
Z32	* Senior Audit Manager	073	\$ 77.75-106.19	\$13,477-18,406	\$161,720-220,875	01
V02	* Special Asst to the GM	072	\$ 75.68-103.40	\$13,118-17,923	\$157,414-215,072	01
Z16A	* Special Projects Manager	072	\$ 98.02-128.36	\$16,990-22,249	\$203,882-266,989	05
YA02	Sr Accountant	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	02
VA03	Sr Accounting Tech	039	\$ 40.02- 52.62	\$ 6,937- 9,121	\$ 83,242-109,450	02
YA05	Sr Admin Analyst	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	02
YC04	* Sr Admin Analyst (C)	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	05

## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
Y01	* Sr Architect	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
YC43	* Sr Benefits Analyst (C)	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	05
YA10	Sr Biologist	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
YC07	* Sr Board Specialist (C)	050	\$ 54.14- 71.09	\$ 9,384-12,322	\$112,611-147,867	05
YA14	Sr Buyer	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
YA18	Sr Chemist	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
YC49	* Sr Class & Comp Analyst (C)	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	05
XA08	Sr Crane Certification Tech	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
XA10	Sr Cross Connection Tech	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
Z11	* Sr Dep Gen Counsel Lbr Reltns	079	\$ 91.41-124.94	\$15,844-21,656	\$190,133-259,875	01
YA23	Sr Deputy Auditor	052	\$ 57.22- 74.97	\$ 9,918-12,995	\$119,018-155,938	02
XA14	Sr Designer	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
YC20	* Sr Dpty General Counsel (C)	071	\$ 95.39-124.94	\$16,534-21,656	\$198,411-259,875	05
YC47	* Sr EEO Analyst (C)	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	05
YC28	* Sr EHS Field Specialist (C)	055	\$ 62.15- 81.19	\$10,773-14,073	\$129,272-168,875	05
YC41	* Sr Emp Relations Specialist	054	\$ 60.44- 79.08	\$10,476-13,707	\$125,715-164,486	05
114	* Sr Engineer	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
XA23A	Sr Engineering Technician	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
924	* Sr Environmental Specialist	060	\$ 67.38- 88.05	\$11,679-15,262	\$140,150-183,144	03
YC04A	* Sr Financial Analyst (C)	051	\$ 55.59- 73.04	\$ 9,636-12,660	\$115,627-151,923	05
YC23	* Sr Government&Region AffRep(C)	057	\$ 65.59- 85.73	\$11,369-14,860	\$136,427-178,318	05
YA37	Sr Graphic Art Designer	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
YC51	* Sr HR Training Specialist (C)	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	05
YC45	* Sr HRIS Analyst (C)	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	05
YA109	Sr IT Business Analyst	052	\$ 57.22- 74.97	\$ 9,918-12,995	\$119,018-155,938	02
XA30A	Sr IT Communication Technician	050	\$ 54.14- 71.09	\$ 9,384-12,322	\$112,611-147,867	02
YA41	Sr IT Enterprise App Analyst	052	\$ 57.22- 74.97	\$ 9,918-12,995	\$119,018-155,938	02
YA36	Sr IT GIS Analyst	052	\$ 57.22- 74.97	\$ 9,918-12,995	\$119,018-155,938	02
YA45	Sr IT Infrastructure Adminstr	052	\$ 57.22- 74.97	\$ 9,918-12,995	\$119,018-155,938	02
YA49	Sr IT Network Engineer	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
YA53	Sr IT Proj Controls Specialist	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	02
YA57	Sr IT Quality Analyst	052	\$ 57.22- 74.97	\$ 9,918-12,995	\$119,018-155,938	02
YA61	Sr IT Software Developer	052	\$ 57.22- 74.97	\$ 9,918-12,995	\$119,018-155,938	02
XA34A	Sr IT Support Analyst	051	\$ 55.59- 73.04	\$ 9,636-12,660	\$115,627-151,923	02
YA65	Sr IT System Administrator	052	\$ 57.22- 74.97	\$ 9,918-12,995	\$119,018-155,938	02
201	* Sr Info Systems Auditor	055	\$ 62.15- 81.19	\$10,773-14,073	\$129,272-168,875	04
YC14	* Sr Info Tech Analyst (C)	052	\$ 57.22- 74.97	\$ 9,918-12,995	\$119,018-155,938	05
XA37A	Sr Lab Info Systems Specialist	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
YA66	Sr Land Surveyor	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	02
XA44A	Sr Landscape Maintenance Tech	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
YA68	Sr Legal Analyst	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	02
UC03	Sr Legal Secretary (C)	040	\$ 41.12- 54.14	\$ 7,127- 9,384	\$ 85,530-112,611	05
YA117	Sr Legal Technology Specialist	052	\$ 57.22- 74.97	\$ 9,918-12,995	\$119,018-155,938	02
YC67	* Sr Legislative Representative	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	05
YA73	Sr Limnologist	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
YA78	Sr Microbiologist	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
928	* Sr Occup Safety & Health Spec	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	04
XA49	Sr Planner Scheduler	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
YA86	Sr Project Controls Specialist	050	\$ 54.14- 71.09	\$ 9,384-12,322	\$112,611-147,867	02
YA89	Sr Public Affairs Rep	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
YA94	Sr Real Estate Representative	050	\$ 54.14- 71.09	\$ 9,384-12,322	\$112,611-147,867	02
YC53	* Sr Recruitment Specialist (C)	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	05
UA15	Sr Reprographic Technician	034	\$ 34.90- 45.89	\$ 6,049- 7,954	\$ 72,592- 95,451	02
155	* Sr Research Chemist	059	\$ 65.62- 85.70	\$11,374-14,855	\$136,490-178,256	03
932	* Sr Resource Specialist	060	\$ 67.38- 88.05	\$11,679-15,262	\$140,150-183,144	03
WC03	Sr Security Specialist	054	\$ 60.44- 79.08	\$10,476-13,707	\$125,715-164,486	05
XA56	Sr System Operations Tech	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
TA17	Sr System Operator	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
XA62A	Sr Technical Writer	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
YC16	* Sr Training Administrator (C)	051	\$ 55.59- 73.04	\$ 9,636-12,660	\$115,627-151,923	05
YC09	* Sr Training Specialist (C)	050	\$ 54.14- 71.09	\$ 9,384-12,322	\$112,611-147,867	05
YA113	Sr Treasury Analyst	049	\$ 52.62- 69.23	\$ 9,121-12,000	\$109,450-143,998	02
XA65	Sr Videographer	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
YA102	Sr Water Quality Specialist	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
XA69	Sr Water Quality Technician	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
V01	* Staff Assistant to the GM	072	\$ 75.68-103.40	\$13,118-17,923	\$157,414-215,072	01
Z43	* Staffing Manager	062	\$ 74.97- 98.02	\$12,995-16,990	\$155,938-203,882	05
VA12	Storekeeper I	026	\$ 27.98- 36.91	\$ 4,850- 6,398	\$ 58,198- 76,773	02
VA13	Storekeeper II	031	\$ 32.10- 42.25	\$ 5,564- 7,323	\$ 66,768- 87,880	02
VA14	Storekeeper III	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	02

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 8

Run Date 03/04/2025

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
Y19	* Strategic Comm&Policy Advisor	081	\$ 96.54-131.91	\$16,734-22,864	\$200,803-274,373	01
PMA01	* Strategic Program Mgr, HR	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	05
Y13	Student Intern	022	\$ 19.44- 26.44	\$ 3,370- 4,583	\$ 40,435- 54,995	01
S04	Student Intern Desert	010	\$ 18.04- 23.71	\$ 3,127- 4,110	\$ 37,523- 49,317	02
UA18	Student Youth Intern	014	\$ 15.58- 21.27	\$ 2,701- 3,687	\$ 32,406- 44,242	01
260	* Supervising Admin Analyst	049	\$ 49.88- 65.62	\$ 8,646-11,374	\$103,750-136,490	03
XA51A	Survey and Mapping Tech I	036	\$ 36.91- 48.47	\$ 6,398- 8,401	\$ 76,773-100,818	02
XA52A	Survey and Mapping Tech II	040	\$ 41.12- 54.14	\$ 7,127- 9,384	\$ 85,530-112,611	02
XA53A	Survey and Mapping Tech III	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
XA54A	Survey and Mapping Tech IV	053	\$ 58.81- 77.04	\$10,194-13,354	\$122,325-160,243	02
XA55	System Operations Technician	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
TA16	System Operator	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	02
Z06A	* Team Manager I	056	\$ 60.51- 79.16	\$10,488-13,721	\$125,861-164,653	03
Z06B	* Team Manager II	057	\$ 62.17- 81.26	\$10,776-14,085	\$129,314-169,021	03
Z06C	* Team Manager III	059	\$ 65.62- 85.70	\$11,374-14,855	\$136,490-178,256	03
Z06D	* Team Manager IV	060	\$ 67.38- 88.05	\$11,679-15,262	\$140,150-183,144	03
Z06R	* Team Manager IV (C)	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	05
Z06E	* Team Manager V	061	\$ 69.23- 90.42	\$12,000-15,673	\$143,998-188,074	03
Z06S	* Team Manager V (C)	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	05
Z06F	* Team Manager VI	065	\$ 76.96-100.65	\$13,340-17,446	\$160,077-209,352	03
Z06G	* Team Manager VII	065	\$ 76.96-100.65	\$13,340-17,446	\$160,077-209,352	03
TM085	* Team Mgr-Accounts Payable	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM086	* Team Mgr-Accounts Receivable	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM001	* Team Mgr-Admin Svcs Bus Mgmt	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM080	* Team Mgr-Budget	062	\$ 74.97- 98.02	\$12,995-16,990	\$155,938-203,882	04
TM002	* Team Mgr-Business Applications	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
TM061	* Team Mgr-Business Intel System	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
TM084	* Team Mgr-Capital Invstmnt Plan	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM003	* Team Mgr-Chemistry	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM079	* Team Mgr-Community Relations	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
TM005	* Team Mgr-Construction Mgmt I	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
TM004	* Team Mgr-Construction Mgmt II	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM064	* Team Mgr-ConstructionContracts	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM006	* Team Mgr-Control Systems Apps	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM007	* Team Mgr-Corrosion Control	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM078	* Team Mgr-Creative Design	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
TM008	* Team Mgr-Database	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM009	* Team Mgr-Design	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM073	* Team Mgr-Design Support	057	\$ 65.59- 85.73	\$11,369-14,860	\$136,427-178,318	04
TM072	* Team Mgr-Design Technology	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM081	* Team Mgr-Education	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
TM013	* Team Mgr-Eng Compliance	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM012	* Team Mgr-Engineering Administr	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM014	* Team Mgr-Enterprise Apps	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM022	* Team Mgr-Enterprise GIS & CAD	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
TM015	* Team Mgr-EnterprsrWaterSysPrgrm	065	\$ 81.19-106.19	\$14,073-18,406	\$168,875-220,875	04
TM065	* Team Mgr-Environ Planning	065	\$ 81.19-106.19	\$14,073-18,406	\$168,875-220,875	04
TM016	* Team Mgr-Environ Prgrm Support	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM011	* Team Mgr-Ext Affairs Bus Mgmt	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM019	* Team Mgr-Facility Operations	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM018	* Team Mgr-Facility Planning	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM020	* Team Mgr-Field Survey	065	\$ 81.19-106.19	\$14,073-18,406	\$168,875-220,875	04
TM033	* Team Mgr-FinanceRpt&PlantAsset	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM021	* Team Mgr-Geodetics and Mapping	065	\$ 81.19-106.19	\$14,073-18,406	\$168,875-220,875	04
TM023	* Team Mgr-Graphic Design	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	04
TMA01	* Team Mgr-HR Business Support	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	05
TM024	* Team Mgr-Health&SafetyPrgrmSup	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM025	* Team Mgr-Hydraulics&SysMdlng	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM026	* Team Mgr-Hydroelectric	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM027	* Team Mgr-IT Administration	062	\$ 74.97- 98.02	\$12,995-16,990	\$155,938-203,882	04
TM074	* Team Mgr-IT Business Analysis	061	\$ 73.04- 95.39	\$12,660-16,534	\$151,923-198,411	04
TM077	* Team Mgr-IT Client Systems Spt	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
TM082	* Team Mgr-IT Network Systems	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
TM066	* Team Mgr-IT Prgrm Project Sppt	065	\$ 81.19-106.19	\$14,073-18,406	\$168,875-220,875	04
TM028	* Team Mgr-IT Quality Assurance	061	\$ 73.04- 95.39	\$12,660-16,534	\$151,923-198,411	04
TM010	* Team Mgr-IT Service Desk	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
TM055	* Team Mgr-IT Telecommunication	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
TM067	* Team Mgr-Info Security	061	\$ 73.04- 95.39	\$12,660-16,534	\$151,923-198,411	04
TM046	* Team Mgr-InternalCntr&WaterInv	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM029	* Team Mgr-Inventory Control	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	04

## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

Page No. 9

Run Date 03/04/2025

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
TM075	* Team Mgr-Laboratory Support	057	\$ 62.17- 81.26	\$10,776-14,085	\$129,314-169,021	03
TM068	* Team Mgr-LandPlanning&Managemt	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
TM030	* Team Mgr-Limnology & Reservoir	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM031	* Team Mgr-Maint Engineering	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM032	* Team Mgr-Materials&Metallurgy	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
TM034	* Team Mgr-Microbiology	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM035	* Team Mgr-Operations App Svcs	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
TM036	* Team Mgr-Operations Compliance	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM076	* Team Mgr-Operations Planning	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM037	* Team Mgr-Ops Control Center	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM087	* Team Mgr-Payroll	062	\$ 74.97- 98.02	\$12,995-16,990	\$155,938-203,882	04
TM060	* Team Mgr-Power Ops& Scheduling	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM038	* Team Mgr-Procurement	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM039	* Team Mgr-Prof Contracting Svcs	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM040	* Team Mgr-Program Management	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM041	* Team Mgr-Project Support	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	04
TM063	* Team Mgr-Property Management	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
TM042	* Team Mgr-Pump Plant	061	\$ 73.04- 95.39	\$12,660-16,534	\$151,923-198,411	04
TM043	* Team Mgr-QltyAsrn&CompSampling	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM044	* Team Mgr-Real Prop Bus Mgmt	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM045	* Team Mgr-RecordsMgt&ImagingSvc	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM069	* Team Mgr-Resource Development	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM070	* Team Mgr-Resource Planning	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM062	* Team Mgr-Right of Way Acquistn	063	\$ 77.04-100.71	\$13,354-17,456	\$160,243-209,477	04
TM047	* Team Mgr-Safety of Dams&Geotch	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM017	* Team Mgr-Safety&RegSvcSiteSupt	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TMA02	* Team Mgr-SafetyRegTechTraining	060	\$ 71.09- 92.89	\$12,322-16,101	\$147,867-193,211	05
TM048	* Team Mgr-Security Management	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM049	* Team Mgr-Server Administration	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM050	* Team Mgr-Substructures	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM051	* Team Mgr-Supply Acquisition	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
TM053	* Team Mgr-Technical Control	065	\$ 81.19-106.19	\$14,073-18,406	\$168,875-220,875	04
TM054	* Team Mgr-Technical Writing	058	\$ 67.36- 88.01	\$11,676-15,255	\$140,109-183,061	04
TM071	* Team Mgr-Treasury Operations	062	\$ 74.97- 98.02	\$12,995-16,990	\$155,938-203,882	04
TM058	* Team Mgr-WRM Business Mgmt	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM059	* Team Mgr-WSO Business Mgmt	059	\$ 69.23- 90.41	\$12,000-15,671	\$143,998-188,053	04
TM056	* Team Mgr-Warehouse	056	\$ 63.84- 83.51	\$11,066-14,475	\$132,787-173,701	04
TM057	* Team Mgr-Water Efficiency	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
TM083	* Team Mgr-WaterReuse&ProcessDev	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
XA57	Technical Illustrator I	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
XA58	Technical Illustrator II	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
XA59A	Technical Writer I	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
XA60A	Technical Writer II	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
XA61A	Technical Writer III	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
YC55	* Training Administrator	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	05
VC10	Training Assistant I	030	\$ 31.26- 41.12	\$ 5,418- 7,127	\$ 65,021- 85,530	05
VC11	Training Assistant II	034	\$ 34.90- 45.89	\$ 6,049- 7,954	\$ 72,592- 95,451	05
VC12	Training Assistant III	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	05
Y15	* Training Logistics Specialist	059	\$ 65.62- 85.70	\$11,374-14,855	\$136,490-178,256	03
YC08	* Training Specialist (C)	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	05
ASM01	* Treasurer	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
VA15	Treasury Administrator	039	\$ 40.02- 52.62	\$ 6,937- 9,121	\$ 83,242-109,450	02
YA116	Treasury Analyst I	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	02
YA115	Treasury Analyst II	041	\$ 42.25- 55.59	\$ 7,323- 9,636	\$ 87,880-115,627	02
YA114	Treasury Analyst III	044	\$ 45.89- 60.44	\$ 7,954-10,476	\$ 95,451-125,715	02
Z05E	* Unit Manager V	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
Z05J	* Unit Manager V (C)	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	05
UM002	* Unit Mgr-Application Services	067	\$ 85.73-112.07	\$14,860-19,425	\$178,318-233,106	04
UM003	* Unit Mgr-Apprentice&TechTrain	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
UM004	* Unit Mgr-Audit	065	\$ 81.19-106.19	\$14,073-18,406	\$168,875-220,875	04
UMA01	* Unit Mgr-Benefits Services	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	05
UM031	* Unit Mgr-Budget	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
UM030	* Unit Mgr-Chemistry	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UMA02	* Unit Mgr-ClassComp&Recruitment	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	05
UM005	* Unit Mgr-Construction Services	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM006	* Unit Mgr-Contracting Services	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
UM007	* Unit Mgr-Conveyance&Distribtn	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM008	* Unit Mgr-Document Services	064	\$ 79.08-103.40	\$13,707-17,923	\$164,486-215,072	04
UM042	* Unit Mgr-DvrstyEqty&IncWkfcDev	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM009	* Unit Mgr-Education	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04

## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

Page No. 10

Run Date 03/04/2025

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
UM010	* Unit Mgr-Engineering Services	069	\$ 90.41-118.33	\$15,671-20,511	\$188,053-246,126	04
UM038	* Unit Mgr-Environmental Plng	069	\$ 90.41-118.33	\$15,671-20,511	\$188,053-246,126	04
UM011	* Unit Mgr-Facility Management	067	\$ 85.73-112.07	\$14,860-19,425	\$178,318-233,106	04
UM045	* Unit Mgr-Finance Services	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
UM012	* Unit Mgr-Fleet Services	065	\$ 81.19-106.19	\$14,073-18,406	\$168,875-220,875	04
UM043	* Unit Mgr-Grants & Research	065	\$ 81.19-106.19	\$14,073-18,406	\$168,875-220,875	04
UM016	* Unit Mgr-IT Infrastructure	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM033	* Unit Mgr-IT Program Mgt Office	069	\$ 90.41-118.33	\$15,671-20,511	\$188,053-246,126	04
UM017	* Unit Mgr-IT Project Planning	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
UM032	* Unit Mgr-IT Security	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM013	* Unit Mgr-Implemnt Proj&Studies	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM014	* Unit Mgr-Imported Supply	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM015	* Unit Mgr-Info Security Svcs	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
UM037	* Unit Mgr-Laboratory Services	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM023	* Unit Mgr-Land Management	067	\$ 85.73-112.07	\$14,860-19,425	\$178,318-233,106	04
UM018	* Unit Mgr-Manufacturing Svcs	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM029	* Unit Mgr-Microbiology	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM019	* Unit Mgr-Ops Planning&Program	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM036	* Unit Mgr-Ops Proj & Asset Mgmt	069	\$ 90.41-118.33	\$15,671-20,511	\$188,053-246,126	04
UM021	* Unit Mgr-Planning and Acquistn	067	\$ 85.73-112.07	\$14,860-19,425	\$178,318-233,106	04
UM020	* Unit Mgr-Power&EquipReliabilty	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM040	* Unit Mgr-PowerCompl&Programs	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM035	* Unit Mgr-Rates,Charges&FinPlan	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	04
UM024	* Unit Mgr-Risk Management	065	\$ 81.19-106.19	\$14,073-18,406	\$168,875-220,875	04
UM041	* Unit Mgr-Safety&Environ Svcs	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM034	* Unit Mgr-Security	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM025	* Unit Mgr-System Analysis	069	\$ 90.41-118.33	\$15,671-20,511	\$188,053-246,126	04
UM026	* Unit Mgr-System Operations	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM027	* Unit Mgr-Water Purification	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
UM028	* Unit Mgr-Water Treatment Plant	068	\$ 88.01-115.16	\$15,255-19,961	\$183,061-239,533	04
XA63	Videographer I	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	02
XA64	Videographer II	041	\$ 42.25- 55.59	\$ 7,323- 9,636	\$ 87,880-115,627	02
YA101	Water Quality Specialist	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
XA66	Water Quality Technician I	033	\$ 33.92- 44.67	\$ 5,879- 7,743	\$ 70,554- 92,914	02
XA67	Water Quality Technician II	038	\$ 38.93- 51.21	\$ 6,748- 8,876	\$ 80,974-106,517	02
XA68	Water Quality Technician III	043	\$ 44.67- 58.81	\$ 7,743-10,194	\$ 92,914-122,325	02
XA70A	Water Sampling Field Tech	033	\$ 33.92- 44.67	\$ 5,879- 7,743	\$ 70,554- 92,914	02
Z38	* Workers Compensation Manager	066	\$ 83.51-109.01	\$14,475-18,895	\$173,701-226,741	05
T13	Wtr Treatment Plant Specialist	048	\$ 51.21- 67.36	\$ 8,876-11,676	\$106,517-140,109	02
TA18	Wtr Trtment Plant Operator I	035	\$ 35.91- 47.18	\$ 6,224- 8,178	\$ 74,693- 98,134	02
TA19	Wtr Trtment Plant Operator II	040	\$ 41.12- 54.14	\$ 7,127- 9,384	\$ 85,530-112,611	02
TA20	Wtr Trtment Plant Operator III	045	\$ 47.18- 62.15	\$ 8,178-10,773	\$ 98,134-129,272	02

Metropolitan Water District of Southern California  
SALARY SCHEDULE

Report ID: MHR828

Page No. 11

Run Date 03/04/2025

Run Time 11:18:17

Effective Date: 06/25/2023

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
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Unit Code

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00 - Executive  
01 - Unrepresented  
02 - AFSCME Local 1902  
03 - Supervisors Association  
04 - Management&Professional Assoc  
05 - Assoc of Conf Employees

\* Not Eligible for Overtime

O&amp;M Tech Titles

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+ O&M Tech I  
S03A (Grade 27): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
S03 (Grade 28): Electrical, HVAC, Machinist, Mechanical  
S03P (Grade 28 - Apprentice): Electrical, Mechanical  
+ O&M Tech II  
S02A (Grade 31): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
S02 (Grade 32): Electrical, HVAC, Machinist, Mechanical  
S02P (Grade 32 - Apprentice): Electrical, Mechanical  
+ O&M Tech III  
T10A (Grade 35): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
T10 (Grade 36): Electrical, HVAC, Machinist, Mechanical  
T10P (Grade 36 - Apprentice): Electrical, Mechanical  
+ O&M Tech IV  
T03A (Grade 41): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
T03 (Grade 42): Electrical, HVAC, Machinist, Mechanical  
T03FS (Grade 42): Welder-Fabricator/Field Services

End of Report



## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 1

Run Date 03/20/2025

Run Time 13:01:46

Effective Date: 06/23/2024

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA01	Accountant	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
VA01	Accounting Tech I	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
VA02	Accounting Tech II	034	\$ 35.95- 47.27	\$ 6,231- 8,193	\$ 74,776- 98,322	02
YA04	Admin Analyst	044	\$ 47.27- 62.25	\$ 8,193-10,790	\$ 98,322-129,480	02
YC01	Admin Analyst I (C)	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	05
YC02	Admin Analyst II (C)	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	05
YC03	* Admin Analyst III (C)	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	05
VA04	Admin Assistant I	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
VC01	Admin Assistant I (C)	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	05
VA05	Admin Assistant II	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
VC02	Admin Assistant II (C)	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	05
VA06	Admin Assistant III	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	02
VC03	Admin Assistant III (C)	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	05
UA04	Admin Secretary	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
PM034	* Agricultural Liaison	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
937	Aircraft Pilot	047	\$ 48.68- 64.04	\$ 8,438-11,100	\$101,254-133,203	03
TA12	Aqueduct & Power Dispatcher	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02
T11	Aqueduct Pump Specialist	046	\$ 49.92- 65.76	\$ 8,653-11,398	\$103,834-136,781	02
YC62	* Assistant Ethics Officer	071	\$ 98.25-128.69	\$17,030-22,306	\$204,360-267,675	05
YA08	Assoc Biologist	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YA16	Assoc Chemist	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YC18	* Assoc Dpty General Counsel (C)	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
YA26	Assoc Engineer	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	02
YA30	Assoc Environmental Specialist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA51	Assoc IT Proj Contr Specialist	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	02
YA71	Assoc Limnologist	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YA76	Assoc Microbiologist	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YA84	Assoc Proj Controls Specialist	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA97	Assoc Resource Specialist	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
WC02	Assoc Security Specialist (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
YA100	Assoc Water Quality Specialist	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YA07	Asst Biologist	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YC63	* Asst Board Administrator	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
YA15	Asst Chemist	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA24	Asst Engineer I	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YA25	Asst Engineer II	046	\$ 49.92- 65.76	\$ 8,653-11,398	\$103,834-136,781	02
YA28	Asst Env Specialist I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA29	Asst Env Specialist II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
Z12	* Asst GM Strategic Wtr Initiatv	093	\$137.69-188.11	\$23,866-32,606	\$286,395-391,269	01
985	* Asst General Auditor	081	\$ 99.44-135.87	\$17,236-23,551	\$206,835-282,610	01
032	* Asst General Counsel	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z55	* Asst General Counsel (C)	078	\$118.61-155.54	\$20,559-26,960	\$246,709-323,523	05
024	* Asst General Manager/CAO	093	\$137.69-188.11	\$23,866-32,606	\$286,395-391,269	01
Z14	* Asst General Manager/CEAO	093	\$137.69-188.11	\$23,866-32,606	\$286,395-391,269	01
006	* Asst General Manager/CFO	093	\$137.69-188.11	\$23,866-32,606	\$286,395-391,269	01
002	* Asst General Manager/COO	094	\$141.43-193.30	\$24,515-33,505	\$294,174-402,064	01
Z02	* Asst Group Manager	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
YA50	Asst IT Proj Contrl Specialist	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
YC66	* Asst Legislative Representative	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	05
YA70	Asst Limnologist	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA75	Asst Microbiologist	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA83	Asst Proj Controls Specialist	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
YA95	Asst Resource Specialist I	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA96	Asst Resource Specialist II	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02
Z04C	* Asst Section Manager II (C)	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	05
TA15	Asst System Operator	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
Z95	* Asst Treasurer	057	\$ 67.56- 88.30	\$11,710-15,305	\$140,525-183,664	04
UM044	* Asst Treasury and Debt Manager	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
Z52	* Asst Unit Mgr-Conveyance&Distr	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
YA99	Asst Water Quality Specialist	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
UM001	* AsstContrl/Unit Mgr-Accounting	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM039	* AsstContrl/Unit Mgr-FinclRptng	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
Z68	* Bay-Delta InitiativesPolicyMgr	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
YA09	Biologist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
Z64	* Board Administrator	072	\$ 77.95-106.50	\$13,511-18,460	\$162,136-221,520	01
Z78	* Board Executive Officer	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
U04	* Board Executive Secretary	072	\$ 77.95-106.50	\$13,511-18,460	\$162,136-221,520	01
YC06	* Board Specialist (C)	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	05
Z65	* Budget and Treasury Manager	081	\$ 99.44-135.87	\$17,236-23,551	\$206,835-282,610	01
Z09	* Business Outreach Manager	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 2

Run Date 03/20/2025

Run Time 13:01:46

Effective Date: 06/23/2024

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA12	Buyer I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA13	Buyer II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YA17	Chemist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
SA06	Chief Cook	024	\$ 27.23- 35.95	\$ 4,720- 6,231	\$ 56,638- 74,776	02
YC65	* Chief EEO Investigator	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	05
Z71	* Chief EEO Officer	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
XA47	Chief Photographer	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
122	* Chief of Party	054	\$ 59.01- 77.21	\$10,228-13,383	\$122,741-160,597	03
Z80	* Chief of Staff	099	\$162.01-221.39	\$28,082-38,374	\$336,981-460,491	01
Z72	* ChiefSustRslncy&InnovOfficer	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
Z42	* Class & Comp Manager	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	05
SA04	Commercial Truck Driver A	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
SA05A	Commercial Truck Driver B	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
Z86	* Compliance & Reporting Manager	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	04
XA01A	Construction Inspector I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA02A	Construction Inspector II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA03A	Construction Inspector III	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
XA04A	Construction Inspector IV	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
XA05A	Construction Inspector V	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	02
Z36	* Controller	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	05
T04	Conveyance&Distribtn Specialist	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
XA06	Crane Certification Tech I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA07	Crane Certification Tech II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA09	Cross Connection Technician	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
Z73	* DEI Officer	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
PM030	* Debt Management Specialist	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
YA20	Deputy Auditor I	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
YA21	Deputy Auditor II	036	\$ 38.02- 49.92	\$ 6,590- 8,653	\$ 79,082-103,834	02
YA22	Deputy Auditor III	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02
Z75	* Deputy Chief EEO Officer	080	\$ 96.73-132.21	\$16,767-22,916	\$201,198-274,997	01
Z77	* Deputy DEI Officer	080	\$ 96.73-132.21	\$16,767-22,916	\$201,198-274,997	01
YC60	* Deputy Ethics Officer	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
Z57	* Deputy General Auditor	077	\$ 89.18-121.88	\$15,458-21,126	\$185,498-253,510	01
YC19	* Deputy General Counsel (C)	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
XA11	Designer I	032	\$ 34.02- 44.73	\$ 5,897- 7,753	\$ 70,762- 93,038	02
XA12	Designer II	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
XA13	Designer III	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	02
Z41	* Director of Info Tech Services	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
T14	Diver-Inland Commercial	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YC61	* DptyEthicsOfcr Adv,Comp&Policy	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
PM036	* DvrstyEqty&InclsnOut&EngageMgr	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
Z25	* EEO Manager	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	05
YC25	EHS Field Specialist I (C)	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	05
YC26	EHS Field Specialist II (C)	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	05
YC27	EHS Field Specialist III (C)	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	05
T12	Electrical Specialist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
168	* Electronic Tech Supervisor	055	\$ 60.68- 79.27	\$10,518-13,740	\$126,214-164,882	03
YC42	* Employee Relations Specialist	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	05
YA27	Engineer	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	02
XA20A	Engineering Tech I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA21A	Engineering Tech II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA22A	Engineering Tech III	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA31	Environmental Specialist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
Z59	* Equal Emp Compliance&Policy Co	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
Z16	* Ethics Officer	FR			\$323,045	00
YC35	* Ethics Policy Analyst	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
Z81	* Exec Advisor: WtrRes&CapImprvs	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
002A	* ExecOff&AsstGM/Wtr&TechResrcs	097	\$153.49-209.70	\$26,605-36,348	\$319,259-436,176	01
VC04	Executive Assistant I (C)	044	\$ 47.27- 62.25	\$ 8,193-10,790	\$ 98,322-129,480	05
VC05	Executive Assistant II (C)	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	05
VC13	* Executive Assistant to the GC	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	05
VC14	* Executive Assistant to the GM	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	05
021	* Executive Legislative Rep	081	\$ 99.44-135.87	\$17,236-23,551	\$206,835-282,610	01
Z56	* Executive Legislative Rep (C)	073	\$103.73-135.87	\$17,980-23,551	\$215,758-282,610	05
Z74	* Executive Office Manager	067	\$ 68.19- 93.12	\$11,820-16,141	\$141,835-193,690	01
061	* Executive Secretary	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	04
017	* Executive Strategist	073	\$103.73-135.87	\$17,980-23,551	\$215,758-282,610	05
ES01	* Executive Strategist	081	\$ 99.44-135.87	\$17,236-23,551	\$206,835-282,610	01
SA07	Facilities Maint Assistant	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
TA14	Facilities Maint Mechanic	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 3

Run Date 03/20/2025

Run Time 13:01:46

Effective Date: 06/23/2024

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA32	Fleet Coordinator	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
VA17	Fleet Dispatch Coordinator	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
VA16	Fleet Dispatcher	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
041	* General Auditor	FR			\$322,754	00
031	* General Counsel	FR			\$411,174	00
706	General Maintenance Asst	021	\$ 25.10- 33.06	\$ 4,351- 5,730	\$ 52,208- 68,765	02
001	* General Manager	FR			\$472,160	00
YC22	* Government&Regional Aff Rep(C)	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	05
XA24	Graphic Technician I	034	\$ 35.95- 47.27	\$ 6,231- 8,193	\$ 74,776- 98,322	02
XA25	Graphic Technician II	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA26	Graphic Technician III	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
SA08	Grounds Maintenance Worker	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
Z01	* Group Manager	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z29	* Group Manager-Bay Delta Intivs	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z60	* Group Manager-Engineering Svcs	089	\$123.47-168.79	\$21,401-29,257	\$256,818-351,083	01
Z58	* Group Manager-External Affairs	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z54	* Group Manager-Human Resources	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z66	* Group Manager-Info Technology	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
Z61	* Group Manager-Real Property	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z62	* Group Manager-Water Resrc Mgmt	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
Z63	* Group Manager-Water System Ops	089	\$123.47-168.79	\$21,401-29,257	\$256,818-351,083	01
Z82	* Group Mgr-Conveyance&Distrbtn	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
Z76	* Group Mgr-Finance&Admnstration	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
Z83	* Group Mgr-IntOpsPlng&Supp Svcs	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
Z85	* Group Mgr-Treatment&Water Qlty	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
VC06	HR Assistant I (C)	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	05
VC07	HR Assistant II (C)	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	05
VC08	HR Assistant III (C)	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	05
UMA03	* HR Strategic Partner	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,142	05
Z40	* HRIS Manager	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	05
YC30	Human Resources Analyst I (C)	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	05
YC31	Human Resources Analyst II (C)	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	05
YC32	* Human Resources Analyst III(C)	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	05
VC09	Human Resources Coordinator	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	05
Z22	* Human Resources Manager I	075	\$ 84.45-115.43	\$14,638-20,008	\$175,656-240,094	01
Z23	* Human Resources Manager II	078	\$ 91.62-125.20	\$15,881-21,701	\$190,570-260,416	01
Z24	* Human Resources Manager III	081	\$ 99.44-135.87	\$17,236-23,551	\$206,835-282,610	01
Z03D	* Human Resources Section Mgr	080	\$ 96.73-132.21	\$16,767-22,916	\$201,198-274,997	01
T08	Hydroelectric Specialist I	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
T05	Hydroelectric Specialist II	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
530	* Hydroelectric Supervisor	058	\$ 65.77- 85.92	\$11,400-14,893	\$136,829-178,714	03
Y12	* IT Architect-Enterprsr Software	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
YA106	IT Business Analyst I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA107	IT Business Analyst II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA108	IT Business Analyst III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
XA27A	IT Communication Tech I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA28A	IT Communication Tech II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA29A	IT Communication Tech III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YA38	IT Enterprise App Analyst I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA39	IT Enterprise App Analyst II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA40	IT Enterprise App Analyst III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YA33	IT GIS Analyst I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA34	IT GIS Analyst II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA35	IT GIS Analyst III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YA42	IT Infrastructure Adminstr I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA43	IT Infrastructure Adminstr II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA44	IT Infrastructure Adminstr III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YA46	IT Network Engineer I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA47	IT Network Engineer II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA48	IT Network Engineer III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YA52	IT Project Controls Specialist	044	\$ 47.27- 62.25	\$ 8,193-12,790	\$ 98,322-129,480	02
YA54	IT Quality Analyst I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA55	IT Quality Analyst II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA56	IT Quality Analyst III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
PM032	* IT Service Manager	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
YA58	IT Software Developer I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA59	IT Software Developer II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA60	IT Software Developer III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
Y05	* IT Specialist -Disaster Recvry	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
XA31A	IT Support Analyst I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 4

Run Date 03/20/2025

Run Time 13:01:46

Effective Date: 06/23/2024

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
XA32A	IT Support Analyst II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
XA33A	IT Support Analyst III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YA62	IT System Administrator I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA63	IT System Administrator II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA64	IT System Administrator III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
Y18	* Info Gov&Ent Content Mgmt Spec	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
YC11	Info Tech Analyst I (C)	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	05
YC12	Info Tech Analyst II (C)	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	05
YC13	* Info Tech Analyst III (C)	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	05
Y14	* Info Technology Architect	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
Y06	* Inland Feeder Projects Admintr	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
Y10	* Inspection Trip Manager	061	\$ 75.23- 98.25	\$13,040-17,030	\$156,478-204,360	04
Y17	* Inspection Trip Specialist	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
TM089	* Inspection Trips Team Manager	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
184	Inspector IV	050	\$ 52.86- 69.40	\$ 9,162-12,029	\$109,949-144,352	03
XA16	Instrumnt&Cntrl Tech I	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
XA17	Instrumnt&Cntrl Tech II	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	02
XA18	Instrumnt&Cntrl Tech III	044	\$ 47.27- 62.25	\$ 8,193-10,790	\$ 98,322-129,480	02
XA19	Instrumnt&Cntrl Tech Specialst	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
716	Inventory Coordinator	045	\$ 46.06- 60.68	\$ 7,984-10,518	\$ 95,805-126,214	03
PM033	* Investment Mgmt Specialist	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
XA35A	Lab Info Systems Specialist I	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
XA36A	Lab Info Systems Specialist II	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
UA16	Laboratory Assistant I	025	\$ 28.07- 36.99	\$ 4,865- 6,412	\$ 58,386- 76,939	02
UA17	Laboratory Assistant II	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
XA40	Laboratory Technologist I	034	\$ 35.95- 47.27	\$ 6,231- 8,193	\$ 74,776- 98,322	02
XA41	Laboratory Technologist II	036	\$ 38.02- 49.92	\$ 6,590- 8,653	\$ 79,082-103,834	02
YA110	Land Surveyor	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
705	Landscape Maint Coordinator	044	\$ 44.81- 59.01	\$ 7,767-10,228	\$ 93,205-122,741	03
XA42A	Landscape Maintenance Tech I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA43A	Landscape Maintenance Tech II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
VA08	Law Clerk	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
Z30	* Law Office Administrator (C)	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
YA67	Legal Analyst	044	\$ 47.27- 62.25	\$ 8,193-10,790	\$ 98,322-129,480	02
VA09	Legal Assistant I	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
VA10	Legal Assistant II	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
VA11	Legal Assistant III	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
UC01	Legal Secretary I (C)	028	\$ 30.40- 40.10	\$ 5,269- 6,951	\$ 63,232- 83,408	05
UC02	Legal Secretary II (C)	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	05
YA104	Legal Technology Specialist	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
Y09	* Legislative Representative	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	05
YA72	Limnologist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
SA09	Lodging Assistant I	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
SA10	Lodging Assistant II	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
UA08	Mailroom Assistant I	016	\$ 21.91- 28.82	\$ 3,798- 4,995	\$ 45,573- 59,946	02
UA09	Mailroom Assistant II	021	\$ 25.10- 33.06	\$ 4,351- 5,730	\$ 52,208- 68,765	02
UA10	Mailroom Assistant III	026	\$ 28.82- 38.02	\$ 4,995- 6,590	\$ 59,946- 79,082	02
620	Maintenance Mechanic I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
612	Maintenance Worker I	025	\$ 28.07- 36.99	\$ 4,865- 6,412	\$ 58,386- 76,939	02
613	Maintenance Worker II	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
614	Maintenance Worker III	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
Z39	* Manager of Admin Services	070	\$ 95.68-125.20	\$16,585-21,701	\$199,014-260,416	05
Z70	* Manager of Bay-Delta Programs	082	\$102.10-139.54	\$17,697-24,187	\$212,368-290,243	01
Z33	* Manager of Colo RiverResources	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z35	* Manager of Financial Services	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	05
SM020	* Manager of Treasury&Debt Mgmt	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
Z79	* MgrBay-Delta Science&RegStrtgy	082	\$102.10-139.54	\$17,697-24,187	\$212,368-290,243	01
M81	* Mgt Pr Admin Analyst	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	04
YA77	Microbiologist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
186	* Microcomputer Technology Supv	060	\$ 69.40- 90.69	\$12,029-15,720	\$144,352-188,635	03
636	* O & M Supervisor	056	\$ 62.33- 81.53	\$10,804-14,132	\$129,646-169,582	03
S03A	+ O&M Tech I	027	\$ 29.59- 39.03	\$ 5,129- 6,765	\$ 61,547- 81,182	02
S03P	+ O&M Tech I	028	\$ 30.40- 40.10	\$ 5,269- 6,951	\$ 63,232- 83,408	02
S03	+ O&M Tech I	028	\$ 30.40- 40.10	\$ 5,269- 6,951	\$ 63,232- 83,408	02
S02	+ O&M Tech II	032	\$ 34.02- 44.73	\$ 5,897- 7,753	\$ 70,762- 93,038	02
S02A	+ O&M Tech II	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
S02P	+ O&M Tech II	032	\$ 34.02- 44.73	\$ 5,897- 7,753	\$ 70,762- 93,038	02
T10A	+ O&M Tech III	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
T10	+ O&M Tech III	036	\$ 38.02- 49.92	\$ 6,590- 8,653	\$ 79,082-103,834	02
T10P	+ O&M Tech III	036	\$ 38.02- 49.92	\$ 6,590- 8,653	\$ 79,082-103,834	02

## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

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Run Date 03/20/2025

Effective Date: 06/23/2024

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
T03FS	+ O&M Tech IV	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
T03	+ O&M Tech IV	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
T03A	+ O&M Tech IV	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
YA80	Oc Health Safety Specialist I	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
YA81	Oc Health Safety Specialist II	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA82	Oc Health Safety Specialist III	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
927	* Occ Safety & Health Spec	054	\$ 62.25- 81.45	\$10,790-14,118	\$129,480-169,416	04
UA11	Office Assistant	026	\$ 28.82- 38.02	\$ 4,995- 6,590	\$ 59,946- 79,082	02
Z53	* Operations Program Manager	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	04
SA11	Ops and Maintenance Assistant	021	\$ 25.10- 33.06	\$ 4,351- 5,730	\$ 52,208- 68,765	02
Z44	* Org Develop & Training Manager	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	05
VA18	Payroll Specialist	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
VA20	Payroll Technician I	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
VA19	Payroll Technician II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
XA45	Photographer I	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
XA46	Photographer II	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
XA48	Planner Scheduler	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
139	* Plant Laboratory Supervisor	055	\$ 60.68- 79.27	\$10,518-13,740	\$126,214-164,882	03
519	* Plant Operations Supervisor	058	\$ 65.77- 85.92	\$11,400-14,893	\$136,802-178,714	03
Y20	* Postdoctoral Research Assoc	046	\$ 49.92- 65.76	\$ 8,653-11,398	\$103,834-136,781	04
T06	Power Line Specialist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
PM028	* Power Planning Specialist	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
YA03	Pr Accountant	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
YC56	* Pr Admin Analyst	066	\$ 66.48- 90.65	\$11,523-15,713	\$138,278-188,552	01
YA06	Pr Admin Analyst	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	02
YC05	* Pr Admin Analyst (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
Y16	* Pr Architect	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
216	* Pr Auditor	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
YC44	* Pr Benefits Analyst (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
YA11	Pr Biologist	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	02
245	* Pr Buyer	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	04
YA19	Pr Chemist	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	02
YC50	* Pr Class & Comp Analyst (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
XA15	Pr Designer	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YC21	* Pr Dpty General Counsel (C)	074	\$106.50-139.54	\$18,460-24,187	\$221,520-290,243	05
Y08	* Pr Dpty General Counsel-LbrRlt	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
YC48	* Pr EEO Analyst (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
YC40	* Pr Emp Relations Specialist	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
115	* Pr Engineer	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
165	* Pr Engineering Technician	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
925	* Pr Environmental Spec	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
YC24	* Pr Government&Region AffRep(C)	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
YA111	* Pr Graphic Art Designer	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	02
YC52	* Pr HR Training Specialist (C)	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	05
YC46	* Pr HRIS Analyst (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
231	* Pr Info Tech Analyst	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	04
YC15	* Pr Info Tech Analyst (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
YC64	* Pr Info Tech Network Engineer	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
Y07	* Pr Land Surveyor	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
YA69	Pr Legal Analyst	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	02
022	* Pr Legislative Representative	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	05
YA74	Pr Limnologist	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	02
YA79	Pr Microbiologist	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	02
YA105	Pr Project Controls Specialist	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	02
289	* Pr Public Affairs Rep	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
275	* Pr Real Estate Rep	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	04
YC54	* Pr Recruitment Specialist (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
933	* Pr Resource Specialist	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
223	* Pr Systems Analyst	054	\$ 62.25- 81.45	\$10,790-14,118	\$129,480-169,416	04
YC17	* Pr Training Administrator (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
YC10	* Pr Training Specialist (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
YA112	Pr Treasury Analyst	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	02
XA71	* Pr Videographer	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	02
YA103	Pr Water Quality Specialist	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	02
S01	Pre-Apprentice	017	\$ 22.54- 29.59	\$ 3,907- 5,129	\$ 46,883- 61,547	02
PMA04	* Prgm Mgr-Outreach PrjLaborAgrt	070	\$ 95.68-125.20	\$16,585-21,701	\$199,014-260,416	05
PM031	* Prgrm Mgr-Audit	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
PM021	* Prgrm Mgr-Bay-Delta Initiative	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
PM002	* Prgrm Mgr-Business Continuity	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
PM027	* Prgrm Mgr-Business Outreach	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 6

Run Date 03/20/2025

Effective Date: 06/23/2024

Run Time 13:01:46

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
PM038	* Prgrm Mgr-Climate Action Plan	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
PM037	* Prgrm Mgr-Climate Adaptn Plng	071	\$ 98.25-128.69	\$17,030-22,306	\$204,360-267,675	04
PMA03	* Prgrm Mgr-CmtyRlts Delta/PV	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
PMA02	* Prgrm Mgr-Community Relations	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
PM004	* Prgrm Mgr-Corporate Resources	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
PM029	* Prgrm Mgr-Creative Design	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
PM005	* Prgrm Mgr-Dam Safety Initiatvcs	071	\$ 98.25-128.69	\$17,030-22,306	\$204,360-267,675	04
PM006	* Prgrm Mgr-Emergency Management	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
PM026	* Prgrm Mgr-Engineering	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	04
PM007	* Prgrm Mgr-Fleet	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
PM009	* Prgrm Mgr-Info Technology	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
PM035	* Prgrm Mgr-Innovation	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
PM013	* Prgrm Mgr-Power Sched&Trading	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
PM014	* Prgrm Mgr-Press Office	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
PM015	* Prgrm Mgr-Pure Wtr So Califor	071	\$ 98.25-128.69	\$17,030-22,306	\$204,360-267,675	04
PM022	* Prgrm Mgr-Real Property	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
PM023	* Prgrm Mgr-Safety&RegCompliance	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
PM039	* Prgrm Mgr-Safety,Reg&Training	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
PM017	* Prgrm Mgr-Water Resource	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
PM019	* Prgrm Mgr-Web	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
XA50	Production Planner	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
Z13D	* Program Manager I	068	\$ 70.06- 95.68	\$12,144-16,585	\$145,725-199,014	01
Z13E	* Program Manager II	071	\$ 75.88-103.73	\$13,153-17,980	\$157,830-215,758	01
Z13F	* Program Manager III	074	\$ 82.31-112.28	\$14,267-19,462	\$171,205-233,542	01
YA85	Project Controls Specialist	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02
TA25	Property Maintenance Specialist	044	\$ 47.27- 62.25	\$ 8,193-10,790	\$ 98,322-129,480	02
TA24	Property Maintenance Tech I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
TA23	Property Maintenance Tech II	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
YA87	Public Affairs Rep I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA88	Public Affairs Rep II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
TA21	Pump Plant Maint Operator I	032	\$ 34.02- 44.73	\$ 5,897- 7,753	\$ 70,762- 93,038	02
TA22	Pump Plant Maint Operator II	036	\$ 38.02- 49.92	\$ 6,590- 8,653	\$ 79,082-103,834	02
T01	Pump Plant Specialist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA90	Quality Assurance Officer	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	02
YA91	Real Estate Representative I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA92	Real Estate Representative II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA93	Real Estate Representative III	046	\$ 49.92- 65.76	\$ 8,653-11,398	\$103,834-136,781	02
UA12	Reprographics Technician I	023	\$ 26.53- 34.94	\$ 4,599- 6,056	\$ 55,182- 72,675	02
UA13	Reprographics Technician II	028	\$ 30.40- 40.10	\$ 5,269- 6,951	\$ 63,232- 83,408	02
UA14	Reprographics Technician III	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
YA98	Resource Specialist	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	02
Z84	* SafetySecurity&ProOfficer	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
Z03B	* Section Manager I (C)	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	05
Z03C	* Section Manager II (C)	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	05
SM005	* Section Mgr-Business Outreach	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
SM014	* Section Mgr-Conveyance&Distrbn	073	\$103.73-135.87	\$17,980-23,551	\$215,758-282,610	04
SM002	* Section Mgr-Customer&Comm Svcs	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
SM015	* Section Mgr-Engineering Svcs	073	\$103.73-135.87	\$17,980-23,551	\$215,758-282,610	04
SM009	* Section Mgr-Environ Planning	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM022	* Section Mgr-Facility&FleetMgmt	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM003	* Section Mgr-Legislative Svcs	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
SM004	* Section Mgr-Media Services	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
SM006	* Section Mgr-MembrSvc&PubOutrch	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
SM011	* Section Mgr-Ops Support Svcs	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM012	* Section Mgr-Power Ops&Planning	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM018	* Section Mgr-Real Property	071	\$ 98.25-128.69	\$17,030-22,306	\$204,360-267,675	04
SM007	* Section Mgr-Rev, Rates &Budget	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
SM019	* Section Mgr-Revenue & Budget	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM010	* Section Mgr-SafetyReg&TechTrng	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM021	* Section Mgr-Sustain&Resilience	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM013	* Section Mgr-Water Ops&Planning	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM016	* Section Mgr-Water Quality	073	\$103.73-135.87	\$17,980-23,551	\$215,758-282,610	04
SM008	* Section Mgr-Water Resource Mgt	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM017	* Section Mgr-Water Treatment	073	\$103.73-135.87	\$17,980-23,551	\$215,758-282,610	04
WC01	Security Specialist (C)	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	05
Z32	* Senior Audit Manager	076	\$ 86.79-118.61	\$15,044-20,559	\$180,523-246,709	01
V02	* Special Asst to the GM	072	\$ 77.95-106.50	\$13,511-18,460	\$162,136-221,520	01
Z16A	* Special Projects Manager	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	05
YA02	Sr Accountant	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02
VA03	Sr Accounting Tech	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	02

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 7

Run Date 03/20/2025

Run Time 13:01:46

Effective Date: 06/23/2024

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA05	Sr Admin Analyst	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
YC04	* Sr Admin Analyst (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
Y01	* Sr Architect	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
YC43	* Sr Benefits Analyst (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
YA10	Sr Biologist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
YC07	* Sr Board Specialist (C)	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	05
YA14	Sr Buyer	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA18	Sr Chemist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
YC49	* Sr Class & Comp Analyst (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
XA08	Sr Crane Certification Tech	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
XA10	Sr Cross Connection Tech	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
Z11	* Sr Dep Gen Counsel Lbr Reltns	079	\$ 94.15-128.69	\$16,319-22,306	\$195,832-267,675	01
YA23	Sr Deputy Auditor	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
XA14	Sr Designer	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YC20	* Sr Dpty General Counsel (C)	071	\$ 98.25-128.69	\$17,030-22,306	\$204,360-267,675	05
YC47	* Sr EEO Analyst (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
YC28	* Sr EHS Field Specialist (C)	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	05
YC41	* Sr Emp Relations Specialist	054	\$ 62.25- 81.45	\$10,790-14,118	\$129,480-169,416	05
114	* Sr Engineer	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
XA23A	Sr Engineering Technician	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
924	* Sr Environmental Specialist	060	\$ 69.40- 90.69	\$12,029-15,720	\$144,352-188,635	03
YC04A	* Sr Financial Analyst (C)	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	05
YC23	* Sr Government&Region AffRep(C)	057	\$ 67.56- 88.30	\$11,710-15,305	\$140,525-183,664	05
YA37	Sr Graphic Art Designer	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YC51	* Sr HR Training Specialist (C)	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	05
YC45	* Sr HRIS Analyst (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
YA109	Sr IT Business Analyst	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
XA30A	Sr IT Communication Technician	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	02
YA41	Sr IT Enterprise App Analyst	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
YA36	Sr IT GIS Analyst	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
YA45	Sr IT Infrastructure Adminstr	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
YA49	Sr IT Network Engineer	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
YA53	Sr IT Proj Controls Specialist	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
YA57	Sr IT Quality Analyst	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
YA61	Sr IT Software Developer	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
XA34A	Sr IT Support Analyst	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	02
YA65	Sr IT System Administrator	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
201	* Sr Info Systems Auditor	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	04
YC14	* Sr Info Tech Analyst (C)	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	05
XA37A	Sr Lab Info Systems Specialist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
YA66	Sr Land Surveyor	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	02
XA44A	Sr Landscape Maintenance Tech	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA68	Sr Legal Analyst	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
UC03	Sr Legal Secretary (C)	040	\$ 42.35- 55.76	\$ 7,341- 9,665	\$ 88,088-115,981	05
YA117	Sr Legal Technology Specialist	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
YC67	* Sr Legislative Representative	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	05
YA73	Sr Limnologist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
YA78	Sr Microbiologist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
928	* Sr Occup Safety & Health Spec	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
XA49	Sr Planner Scheduler	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA86	Sr Project Controls Specialist	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	02
YA89	Sr Public Affairs Rep	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA94	Sr Real Estate Representative	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	02
YC53	* Sr Recruitment Specialist (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
UA15	Sr Reprographic Technician	034	\$ 35.95- 47.27	\$ 6,231- 8,193	\$ 74,776- 98,322	02
155	* Sr Research Chemist	059	\$ 67.59- 88.27	\$11,716-15,300	\$140,587-183,602	03
932	* Sr Resource Specialist	060	\$ 69.40- 90.69	\$12,029-15,720	\$144,352-188,635	03
WC03	Sr Security Specialist	054	\$ 62.25- 81.45	\$10,790-14,118	\$129,480-169,416	05
XA56	Sr System Operations Tech	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
TA17	Sr System Operator	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
XA62A	Sr Technical Writer	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
YC16	* Sr Training Administrator (C)	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	05
YC09	* Sr Training Specialist (C)	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	05
YA113	Sr Treasury Analyst	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
XA65	Sr Videographer	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA102	Sr Water Quality Specialist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
XA69	Sr Water Quality Technician	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
V01	* Staff Assistant to the GM	072	\$ 77.95-106.50	\$13,511-18,460	\$162,136-221,520	01
Z43	* Staffing Manager	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	05
VA12	Storekeeper I	026	\$ 28.82- 38.02	\$ 4,995- 6,590	\$ 59,946- 79,082	02



## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

Page No. 8

Run Date 03/20/2025

Effective Date: 06/23/2024

Run Time 13:01:46

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
VA13	Storekeeper II	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
VA14	Storekeeper III	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
Y19	* Strategic Comm&Policy Advisor	081	\$ 99.44-135.87	\$17,236-23,551	\$206,835-282,610	01
PMA01	* Strategic Program Mgr, HR	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
Y13	Student Intern	022	\$ 20.02- 27.23	\$ 3,470- 4,720	\$ 41,642- 56,638	01
S04	Student Intern Desert	010	\$ 18.58- 24.42	\$ 3,221- 4,233	\$ 38,646- 50,794	02
UA18	Student Youth Intern	014	\$ 16.05- 21.91	\$ 2,782- 3,798	\$ 33,384- 45,573	01
260	* Supervising Admin Analyst	049	\$ 51.38- 67.59	\$ 8,906-11,716	\$106,870-140,587	03
XA51A	Survey and Mapping Tech I	036	\$ 38.02- 49.92	\$ 6,590- 8,653	\$ 79,082-103,834	02
XA52A	Survey and Mapping Tech II	040	\$ 42.35- 55.76	\$ 7,341- 9,665	\$ 88,088-115,981	02
XA53A	Survey and Mapping Tech III	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
XA54A	Survey and Mapping Tech IV	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
XA55	System Operations Technician	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
TA16	System Operator	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02
Z06A	* Team Manager I	056	\$ 62.33- 81.53	\$10,804-14,132	\$129,646-169,582	03
Z06B	* Team Manager II	057	\$ 64.04- 83.70	\$11,100-14,508	\$133,203-174,096	03
Z06C	* Team Manager III	059	\$ 67.59- 88.27	\$11,716-15,300	\$140,587-183,602	03
Z06D	* Team Manager IV	060	\$ 69.40- 90.69	\$12,029-15,720	\$144,352-188,635	03
Z06R	* Team Manager IV (C)	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	05
Z06E	* Team Manager V	061	\$ 71.31- 93.13	\$12,360-16,143	\$148,325-193,710	03
Z06S	* Team Manager V (C)	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
Z06F	* Team Manager VI	065	\$ 79.27-103.67	\$13,740-17,969	\$164,882-215,634	03
Z06G	* Team Manager VII	065	\$ 79.27-103.67	\$13,740-17,969	\$164,882-215,634	03
TM085	* Team Mgr-Accounts Payable	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM086	* Team Mgr-Accounts Receivable	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM001	* Team Mgr-Admin Svcs Bus Mgmt	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM080	* Team Mgr-Budget	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	04
TM002	* Team Mgr-Business Applications	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM061	* Team Mgr-Business Intel System	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM084	* Team Mgr-Capital Invstmnt Plan	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM003	* Team Mgr-Chemistry	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM079	* Team Mgr-Community Relations	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM005	* Team Mgr-Construction Mgmt I	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
TM004	* Team Mgr-Construction Mgmt II	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM064	* Team Mgr-ConstructionContracts	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM006	* Team Mgr-Control Systems Apps	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM007	* Team Mgr-Corrosion Control	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM078	* Team Mgr-Creative Design	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM008	* Team Mgr-Database	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM009	* Team Mgr-Design	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM073	* Team Mgr-Design Support	057	\$ 67.56- 88.30	\$11,710-15,305	\$140,587-183,664	04
TM072	* Team Mgr-Design Technology	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
TM081	* Team Mgr-Education	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM013	* Team Mgr-Eng Compliance	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM012	* Team Mgr-Engineering Administr	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM014	* Team Mgr-Enterprise Apps	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM022	* Team Mgr-Enterprise GIS & CAD	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM015	* Team Mgr-EnterprsrWaterSysPrgrm	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
TM065	* Team Mgr-Environ Planning	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM016	* Team Mgr-Environ Prgrm Support	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM011	* Team Mgr-Ext Affairs Bus Mgmt	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM019	* Team Mgr-Facility Operations	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM018	* Team Mgr-Facility Planning	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM020	* Team Mgr-Field Survey	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
TM033	* Team Mgr-FinanceRpt&PlantAsset	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM021	* Team Mgr-Geodetics and Mapping	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
TM023	* Team Mgr-Graphic Design	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
TMA01	* Team Mgr-HR Business Support	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	05
TM024	* Team Mgr-Health&SafetyPrgrmSup	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM025	* Team Mgr-Hydraulics&SysMdlng	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM026	* Team Mgr-Hydroelectric	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM027	* Team Mgr-IT Administration	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	04
TM074	* Team Mgr-IT Business Analysis	061	\$ 75.23- 98.25	\$13,040-17,030	\$156,478-204,360	04
TM077	* Team Mgr-IT Client Systems Spt	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
TM082	* Team Mgr-IT Network Systems	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM066	* Team Mgr-IT Prgrm Project Sppt	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
TM028	* Team Mgr-IT Quality Assurance	061	\$ 75.23- 98.25	\$13,040-17,030	\$156,478-204,360	04
TM010	* Team Mgr-IT Service Desk	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
TM055	* Team Mgr-IT Telecommunication	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM067	* Team Mgr-Info Security	061	\$ 75.23- 98.25	\$13,040-17,030	\$156,478-204,360	04

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 9

Run Date 03/20/2025

Effective Date: 06/23/2024

Run Time 13:01:46

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
TM046	* Team Mgr-InternalCntr&WaterInv	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM029	* Team Mgr-Inventory Control	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	04
TM075	* Team Mgr-Laboratory Support	057	\$ 64.04- 83.70	\$11,100-14,508	\$133,203-174,096	03
TM068	* Team Mgr-LandPlanning&Managemt	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM088	* Team Mgr-Legislative Services	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM030	* Team Mgr-Limnology & Reservoir	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM031	* Team Mgr-Maint Engineering	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM032	* Team Mgr-Materials&Metallurgy	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
TM034	* Team Mgr-Microbiology	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM090	* Team Mgr-Operational Reg Svcs	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM035	* Team Mgr-Operations App Svcs	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM036	* Team Mgr-Operations Compliance	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM076	* Team Mgr-Operations Planning	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM037	* Team Mgr-Ops Control Center	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM087	* Team Mgr-Payroll	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	04
TM060	* Team Mgr-Power Ops& Scheduling	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM038	* Team Mgr-Procurement	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM039	* Team Mgr-Prof Contracting Svcs	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM040	* Team Mgr-Program Management	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM041	* Team Mgr-Project Controls	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	04
TM063	* Team Mgr-Property Management	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM042	* Team Mgr-Pump Plant	061	\$ 75.23- 98.25	\$13,040-17,030	\$156,478-204,360	04
TM043	* Team Mgr-QltyAsrn&CompSampling	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM044	* Team Mgr-Real Prop Bus Mgmt	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM045	* Team Mgr-RecordsMgt&ImagingSvc	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM069	* Team Mgr-Resource Development	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM070	* Team Mgr-Resource Planning	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM062	* Team Mgr-Right of Way Acquistn	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM047	* Team Mgr-Safety of Dams&Geotch	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM017	* Team Mgr-Safety&RegSvcSiteSupt	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TMA02	* Team Mgr-SafetyRegTechTraining	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
TM048	* Team Mgr-Security Management	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM049	* Team Mgr-Server Administration	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM050	* Team Mgr-Substructures	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM051	* Team Mgr-Supply Acquisition	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM053	* Team Mgr-Technical Control	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM054	* Team Mgr-Technical Writing	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
TM071	* Team Mgr-Treasury Operations	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	04
TM058	* Team Mgr-WRM Business Mgmt	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM059	* Team Mgr-WSO Business Mgmt	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM056	* Team Mgr-Warehouse	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	04
TM057	* Team Mgr-Water Efficiency	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM083	* Team Mgr-WaterReuse&ProcessDev	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
XA57	Technical Illustrator I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA58	Technical Illustrator II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA59A	Technical Writer I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA60A	Technical Writer II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA61A	Technical Writer III	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YC55	* Training Administrator	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	05
VC10	Training Assistant I	030	\$ 32.20- 42.35	\$ 5,581- 7,341	\$ 66,976- 88,088	05
VC11	Training Assistant II	034	\$ 35.95- 47.27	\$ 6,231- 8,193	\$ 74,776- 98,322	05
VC12	Training Assistant III	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	05
Y15	* Training Logistics Specialist	059	\$ 67.59- 88.27	\$11,716-15,300	\$140,587-183,602	03
YC08	* Training Specialist (C)	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	05
ASM01	* Treasurer	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
YA116	Treasury Analyst I	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
YA115	Treasury Analyst II	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
YA114	Treasury Analyst III	044	\$ 47.27- 62.25	\$ 8,193-10,790	\$ 98,322-129,480	02
Z05J	* Unit Manager V (C)	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
UM002	* Unit Mgr-Application Services	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	04
UM003	* Unit Mgr-Apprentice&TechTrain	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
UM004	* Unit Mgr-Audit	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
UMA01	* Unit Mgr-Benefits Services	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
UM031	* Unit Mgr-Budget	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM030	* Unit Mgr-Chemistry	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UMA02	* Unit Mgr-ClassComp&Recruitment	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
UM005	* Unit Mgr-Construction Services	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM006	* Unit Mgr-Contracting Services	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM007	* Unit Mgr-Conveyance&Distribtn	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM008	* Unit Mgr-Document Services	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 10

Run Date 03/20/2025

Run Time 13:01:46

Effective Date: 06/23/2024

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
UM042	* Unit Mgr-DvrstyEqty&IncWkfcDev	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM009	* Unit Mgr-Education	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM010	* Unit Mgr-Engineering Services	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	04
UM038	* Unit Mgr-Environmental Plng	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	04
UM011	* Unit Mgr-Facility Management	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	04
UM045	* Unit Mgr-Finance Services	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM012	* Unit Mgr-Fleet Services	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
UM043	* Unit Mgr-Grants & Research	073	\$ 80.08-109.38	\$13,881-18,959	\$166,566-227,510	01
UM016	* Unit Mgr-IT Infrastructure	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM033	* Unit Mgr-IT Program Mgt Office	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	04
UM017	* Unit Mgr-IT Project Planning	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM032	* Unit Mgr-IT Security	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM013	* Unit Mgr-Implemnt Proj&Studies	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM014	* Unit Mgr-Imported Supply	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM015	* Unit Mgr-Info Security Svcs	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM037	* Unit Mgr-Laboratory Services	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM023	* Unit Mgr-Land Management	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	04
UM018	* Unit Mgr-Manufacturing Svcs	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM029	* Unit Mgr-Microbiology	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM019	* Unit Mgr-Ops Planning&Program	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM036	* Unit Mgr-Ops Proj & Asset Mgmt	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	04
UM021	* Unit Mgr-Planning and Acquistn	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	04
UM020	* Unit Mgr-Power&EquipReliabilty	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM040	* Unit Mgr-PowerCompl&Programs	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM035	* Unit Mgr-Rates, Charges&FinPlan	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM024	* Unit Mgr-Risk Management	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
UM041	* Unit Mgr-Safety&Environ Svcs	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM034	* Unit Mgr-Security	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM025	* Unit Mgr-System Analysis	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	04
UM026	* Unit Mgr-System Operations	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM027	* Unit Mgr-Water Purification	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM028	* Unit Mgr-Water Treatment Plant	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
XA63	Videographer I	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
XA64	Videographer II	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
YA101	Water Quality Specialist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
XA66	Water Quality Technician I	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
XA67	Water Quality Technician II	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA68	Water Quality Technician III	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA70A	Water Sampling Field Tech	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
Z38	* Workers Compensation Manager	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
T13	Wtr Treatment Plant Specialist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
TA18	Wtr Trtment Plant Operator I	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
TA19	Wtr Trtment Plant Operator II	040	\$ 42.35- 55.76	\$ 7,341- 9,665	\$ 88,088-115,981	02
TA20	Wtr Trtment Plant Operator III	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02

Metropolitan Water District of Southern California  
SALARY SCHEDULE

Report ID: MHR828

Page No. 11

Run Date 03/20/2025

Run Time 13:01:46

Effective Date: 06/23/2024

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
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Unit Code

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00 - Executive  
01 - Unrepresented  
02 - AFSCME Local 1902  
03 - Supervisors Association  
04 - Management&Professional Assoc  
05 - Assoc of Conf Employees

\* Not Eligible for Overtime

O&amp;M Tech Titles

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+ O&M Tech I  
S03A (Grade 27): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
S03 (Grade 28): Electrical, HVAC, Machinist, Mechanical  
S03P (Grade 28 - Apprentice): Electrical, Mechanical  
+ O&M Tech II  
S02A (Grade 31): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
S02 (Grade 32): Electrical, HVAC, Machinist, Mechanical  
S02P (Grade 32 - Apprentice): Electrical, Mechanical  
+ O&M Tech III  
T10A (Grade 35): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
T10 (Grade 36): Electrical, HVAC, Machinist, Mechanical  
T10P (Grade 36 - Apprentice): Electrical, Mechanical  
+ O&M Tech IV  
T03A (Grade 41): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
T03 (Grade 42): Electrical, HVAC, Machinist, Mechanical  
T03FS (Grade 42): Welder-Fabricator/Field Services

End of Report

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 1

Run Date 03/20/2025

Run Time 12:59:08

Effective Date: 01/29/2025

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA01	Accountant	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
VA01	Accounting Tech I	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
VA02	Accounting Tech II	034	\$ 35.95- 47.27	\$ 6,231- 8,193	\$ 74,776- 98,322	02
YA04	Admin Analyst	044	\$ 47.27- 62.25	\$ 8,193-10,790	\$ 98,322-129,480	02
YC01	Admin Analyst I (C)	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	05
YC02	Admin Analyst II (C)	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	05
YC03	* Admin Analyst III (C)	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	05
VA04	Admin Assistant I	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
VC01	Admin Assistant I (C)	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	05
VA05	Admin Assistant II	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
VC02	Admin Assistant II (C)	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	05
VA06	Admin Assistant III	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	02
VC03	Admin Assistant III (C)	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	05
UA04	Admin Secretary	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
PM034	* Agricultural Liaison	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
937	Aircraft Pilot	047	\$ 48.68- 64.04	\$ 8,438-11,100	\$101,254-133,203	03
TA12	Aqueduct & Power Dispatcher	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02
T11	Aqueduct Pump Specialist	046	\$ 49.92- 65.76	\$ 8,653-11,398	\$103,834-136,781	02
YC62	* Assistant Ethics Officer	071	\$ 98.25-128.69	\$17,030-22,306	\$204,360-267,675	05
YA08	Assoc Biologist	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YA16	Assoc Chemist	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YC18	* Assoc Dpty General Counsel (C)	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
YA26	Assoc Engineer	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	02
YA30	Assoc Environmental Specialist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA51	Assoc IT Proj Contr Specialist	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	02
YA71	Assoc Limnologist	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YA76	Assoc Microbiologist	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YA84	Assoc Proj Controls Specialist	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA97	Assoc Resource Specialist	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
WC02	Assoc Security Specialist (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
YA100	Assoc Water Quality Specialist	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YA07	Asst Biologist	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YC63	* Asst Board Administrator	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
YA15	Asst Chemist	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA24	Asst Engineer I	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YA25	Asst Engineer II	046	\$ 49.92- 65.76	\$ 8,653-11,398	\$103,834-136,781	02
YA28	Asst Env Specialist I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA29	Asst Env Specialist II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
Z12	* Asst GM Strategic Wtr Initiatv	093	\$137.69-188.11	\$23,866-32,606	\$286,395-391,269	01
985	* Asst General Auditor	081	\$ 99.44-135.87	\$17,236-23,551	\$206,835-282,610	01
032	* Asst General Counsel	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z55	* Asst General Counsel (C)	078	\$118.61-155.54	\$20,559-26,960	\$246,709-323,523	05
024	* Asst General Manager/CAO	093	\$137.69-188.11	\$23,866-32,606	\$286,395-391,269	01
Z14	* Asst General Manager/CEAO	093	\$137.69-188.11	\$23,866-32,606	\$286,395-391,269	01
006	* Asst General Manager/CFO	093	\$137.69-188.11	\$23,866-32,606	\$286,395-391,269	01
002	* Asst General Manager/COO	094	\$141.43-193.30	\$24,515-33,505	\$294,174-402,064	01
Z02	* Asst Group Manager	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
YA50	Asst IT Proj Contrl Specialist	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
YC66	* Asst Legislative Representative	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	05
YA70	Asst Limnologist	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA75	Asst Microbiologist	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA83	Asst Proj Controls Specialist	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
YA95	Asst Resource Specialist I	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA96	Asst Resource Specialist II	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02
Z04C	* Asst Section Manager II (C)	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	05
TA15	Asst System Operator	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
Z95	* Asst Treasurer	057	\$ 67.56- 88.30	\$11,710-15,305	\$140,525-183,664	04
UM044	* Asst Treasury and Debt Manager	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
Z52	* Asst Unit Mgr-Conveyance&Distr	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
YA99	Asst Water Quality Specialist	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
UM001	* AsstContrl/Unit Mgr-Accounting	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM039	* AsstContrl/Unit Mgr-FinclRptng	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
Z68	* Bay-Delta InitiativesPolicyMgr	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
YA09	Biologist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
Z64	* Board Administrator	072	\$ 77.95-106.50	\$13,511-18,460	\$162,136-221,520	01
Z78	* Board Executive Officer	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
U04	* Board Executive Secretary	072	\$ 77.95-106.50	\$13,511-18,460	\$162,136-221,520	01
YC06	* Board Specialist (C)	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	05
Z65	* Budget and Treasury Manager	081	\$ 99.44-135.87	\$17,236-23,551	\$206,835-282,610	01
Z09	* Business Outreach Manager	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 2

Run Date 03/20/2025

Run Time 12:59:08

Effective Date: 01/29/2025

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA12	Buyer I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA13	Buyer II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YA17	Chemist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
SA06	Chief Cook	024	\$ 27.23- 35.95	\$ 4,720- 6,231	\$ 56,638- 74,776	02
YC65	* Chief EEO Investigator	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	05
Z71	* Chief EEO Officer	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
XA47	Chief Photographer	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
122	* Chief of Party	054	\$ 59.01- 77.21	\$10,228-13,383	\$122,741-160,597	03
Z80	* Chief of Staff	099	\$162.01-221.39	\$28,082-38,374	\$336,981-460,491	01
Z72	* ChiefSustRslncy&InnovOfficer	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
Z42	* Class & Comp Manager	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	05
SA04	Commercial Truck Driver A	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
SA05A	Commercial Truck Driver B	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
Z86	* Compliance & Reporting Manager	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	04
XA01A	Construction Inspector I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA02A	Construction Inspector II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA03A	Construction Inspector III	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
XA04A	Construction Inspector IV	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
XA05A	Construction Inspector V	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	02
Z36	* Controller	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	05
T04	Conveyance&Distribtn Specialist	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
XA06	Crane Certification Tech I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA07	Crane Certification Tech II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA09	Cross Connection Technician	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
Z73	* DEI Officer	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
PM030	* Debt Management Specialist	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
YA20	Deputy Auditor I	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
YA21	Deputy Auditor II	036	\$ 38.02- 49.92	\$ 6,590- 8,653	\$ 79,082-103,834	02
YA22	Deputy Auditor III	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02
Z75	* Deputy Chief EEO Officer	080	\$ 96.73-132.21	\$16,767-22,916	\$201,198-274,997	01
Z77	* Deputy DEI Officer	080	\$ 96.73-132.21	\$16,767-22,916	\$201,198-274,997	01
YC60	* Deputy Ethics Officer	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
Z57	* Deputy General Auditor	077	\$ 89.18-121.88	\$15,458-21,126	\$185,498-253,510	01
YC19	* Deputy General Counsel (C)	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
XA11	Designer I	032	\$ 34.02- 44.73	\$ 5,897- 7,753	\$ 70,762- 93,038	02
XA12	Designer II	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
XA13	Designer III	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	02
Z41	* Director of Info Tech Services	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
T14	Diver-Inland Commercial	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YC61	* DptyEthicsOfcr Adv,Comp&Policy	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
PM036	* DvrstyEqty&InclsnOut&EngageMgr	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
Z25	* EEO Manager	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	05
YC25	EHS Field Specialist I (C)	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	05
YC26	EHS Field Specialist II (C)	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	05
YC27	EHS Field Specialist III (C)	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,798	05
T12	Electrical Specialist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
168	* Electronic Tech Supervisor	055	\$ 60.68- 79.27	\$10,518-13,740	\$126,214-164,882	03
YC42	* Employee Relations Specialist	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	05
YA27	Engineer	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	02
XA20A	Engineering Tech I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA21A	Engineering Tech II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA22A	Engineering Tech III	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA31	Environmental Specialist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
Z59	* Equal Emp Compliance&Policy Co	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
Z16	* Ethics Officer	FR			\$323,045	00
YC35	* Ethics Policy Analyst	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
Z81	* Exec Advisor: WtrRes&CapImprvs	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
002A	* ExecOff&AsstGM/Wtr&TechResrcs	097	\$153.49-209.70	\$26,605-36,348	\$319,259-436,176	01
VC04	Executive Assistant I (C)	044	\$ 47.27- 62.25	\$ 8,193-10,790	\$ 98,322-129,480	05
VC05	Executive Assistant II (C)	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	05
VC13	* Executive Assistant to the GC	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	05
VC14	* Executive Assistant to the GM	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	05
021	* Executive Legislative Rep	081	\$ 99.44-135.87	\$17,236-23,551	\$206,835-282,610	01
Z56	* Executive Legislative Rep (C)	073	\$103.73-135.87	\$17,980-23,551	\$215,758-282,610	05
Z74	* Executive Office Manager	067	\$ 68.19- 93.12	\$11,820-16,141	\$141,835-193,690	01
061	* Executive Secretary	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	04
017	* Executive Strategist	073	\$103.73-135.87	\$17,980-23,551	\$215,758-282,610	05
ES01	* Executive Strategist	081	\$ 99.44-135.87	\$17,236-23,551	\$206,835-282,610	01
SA07	Facilities Maint Assistant	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
TA14	Facilities Maint Mechanic	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

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Run Date 03/20/2025

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA32	Fleet Coordinator	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
VA17	Fleet Dispatch Coordinator	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
VA16	Fleet Dispatcher	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
041	* General Auditor	FR			\$322,754	00
031	* General Counsel	FR			\$411,174	00
706	General Maintenance Asst	021	\$ 25.10- 33.06	\$ 4,351- 5,730	\$ 52,208- 68,765	02
001	* General Manager	FR			\$494,998	00
YC22	* Government&Regional Aff Rep(C)	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	05
XA24	Graphic Technician I	034	\$ 35.95- 47.27	\$ 6,231- 8,193	\$ 74,776- 98,322	02
XA25	Graphic Technician II	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA26	Graphic Technician III	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
SA08	Grounds Maintenance Worker	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
Z01	* Group Manager	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z29	* Group Manager-Bay Delta Intivs	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z60	* Group Manager-Engineering Svcs	089	\$123.47-168.79	\$21,401-29,257	\$256,818-351,083	01
Z58	* Group Manager-External Affairs	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z54	* Group Manager-Human Resources	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z66	* Group Manager-Info Technology	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
Z61	* Group Manager-Real Property	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z62	* Group Manager-Water Resrc Mgmt	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
Z63	* Group Manager-Water System Ops	089	\$123.47-168.79	\$21,401-29,257	\$256,818-351,083	01
Z82	* Group Mgr-Conveyance&Distrbtn	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
Z76	* Group Mgr-Finance&Admnstration	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
Z83	* Group Mgr-IntOpsPlng&Supp Svcs	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
Z85	* Group Mgr-Treatment&Water Qlty	088	\$120.20-164.22	\$20,835-28,465	\$250,016-341,578	01
VC06	HR Assistant I (C)	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	05
VC07	HR Assistant II (C)	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	05
VC08	HR Assistant III (C)	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	05
UMA03	* HR Strategic Partner	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,142	05
Z40	* HRIS Manager	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	05
YC30	Human Resources Analyst I (C)	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	05
YC31	Human Resources Analyst II (C)	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	05
YC32	* Human Resources Analyst III(C)	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	05
VC09	Human Resources Coordinator	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	05
Z22	* Human Resources Manager I	075	\$ 84.45-115.43	\$14,638-20,008	\$175,656-240,094	01
Z23	* Human Resources Manager II	078	\$ 91.62-125.20	\$15,881-21,701	\$190,570-260,416	01
Z24	* Human Resources Manager III	081	\$ 99.44-135.87	\$17,236-23,551	\$206,835-282,610	01
Z03D	* Human Resources Section Mgr	080	\$ 96.73-132.21	\$16,767-22,916	\$201,198-274,997	01
T08	Hydroelectric Specialist I	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
T05	Hydroelectric Specialist II	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
530	* Hydroelectric Supervisor	058	\$ 65.77- 85.92	\$11,400-14,893	\$136,829-178,714	03
Y12	* IT Architect-Enterprsr Software	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
YA106	IT Business Analyst I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA107	IT Business Analyst II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA108	IT Business Analyst III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
XA27A	IT Communication Tech I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA28A	IT Communication Tech II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA29A	IT Communication Tech III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YA38	IT Enterprise App Analyst I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA39	IT Enterprise App Analyst II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA40	IT Enterprise App Analyst III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YA33	IT GIS Analyst I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA34	IT GIS Analyst II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA35	IT GIS Analyst III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YA42	IT Infrastructure Adminstr I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA43	IT Infrastructure Adminstr II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA44	IT Infrastructure Adminstr III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YA46	IT Network Engineer I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA47	IT Network Engineer II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA48	IT Network Engineer III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YA52	IT Project Controls Specialist	044	\$ 47.27- 62.25	\$ 8,193-12,790	\$ 98,322-129,480	02
YA54	IT Quality Analyst I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA55	IT Quality Analyst II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA56	IT Quality Analyst III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
PM032	* IT Service Manager	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
YA58	IT Software Developer I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA59	IT Software Developer II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA60	IT Software Developer III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
Y05	* IT Specialist -Disaster Recvry	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
XA31A	IT Support Analyst I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02



## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

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Run Date 03/20/2025

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
XA32A	IT Support Analyst II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
XA33A	IT Support Analyst III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
YA62	IT System Administrator I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA63	IT System Administrator II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA64	IT System Administrator III	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
Y18	* Info Gov&Ent Content Mgmt Spec	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
YC11	Info Tech Analyst I (C)	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	05
YC12	Info Tech Analyst II (C)	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	05
YC13	* Info Tech Analyst III (C)	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	05
Y14	* Info Technology Architect	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
Y06	* Inland Feeder Projects Admintr	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
Y10	* Inspection Trip Manager	061	\$ 75.23- 98.25	\$13,040-17,030	\$156,478-204,360	04
Y17	* Inspection Trip Specialist	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
TM089	* Inspection Trips Team Manager	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
184	Inspector IV	050	\$ 52.86- 69.40	\$ 9,162-12,029	\$109,949-144,352	03
XA16	Instrumnt&Cntrl Tech I	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
XA17	Instrumnt&Cntrl Tech II	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	02
XA18	Instrumnt&Cntrl Tech III	044	\$ 47.27- 62.25	\$ 8,193-10,790	\$ 98,322-129,480	02
XA19	Instrumnt&Cntrl Tech Specialst	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
716	Inventory Coordinator	045	\$ 46.06- 60.68	\$ 7,984-10,518	\$ 95,805-126,214	03
PM033	* Investment Mgmt Specialist	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
XA35A	Lab Info Systems Specialist I	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
XA36A	Lab Info Systems Specialist II	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
UA16	Laboratory Assistant I	025	\$ 28.07- 36.99	\$ 4,865- 6,412	\$ 58,386- 76,939	02
UA17	Laboratory Assistant II	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
XA40	Laboratory Technologist I	034	\$ 35.95- 47.27	\$ 6,231- 8,193	\$ 74,776- 98,322	02
XA41	Laboratory Technologist II	036	\$ 38.02- 49.92	\$ 6,590- 8,653	\$ 79,082-103,834	02
YA110	Land Surveyor	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
705	Landscape Maint Coordinator	044	\$ 44.81- 59.01	\$ 7,767-10,228	\$ 93,205-122,741	03
XA42A	Landscape Maintenance Tech I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA43A	Landscape Maintenance Tech II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
VA08	Law Clerk	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
Z30	* Law Office Administrator (C)	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
YA67	Legal Analyst	044	\$ 47.27- 62.25	\$ 8,193-10,790	\$ 98,322-129,480	02
VA09	Legal Assistant I	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
VA10	Legal Assistant II	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
VA11	Legal Assistant III	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
UC01	Legal Secretary I (C)	028	\$ 30.40- 40.10	\$ 5,269- 6,951	\$ 63,232- 83,408	05
UC02	Legal Secretary II (C)	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	05
YA104	Legal Technology Specialist	047	\$ 51.36- 67.56	\$ 8,902-11,710	\$106,829-140,525	02
Y09	* Legislative Representative	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	05
YA72	Limnologist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
SA09	Lodging Assistant I	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
SA10	Lodging Assistant II	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
UA08	Mailroom Assistant I	016	\$ 21.91- 28.82	\$ 3,798- 4,995	\$ 45,573- 59,946	02
UA09	Mailroom Assistant II	021	\$ 25.10- 33.06	\$ 4,351- 5,730	\$ 52,208- 68,765	02
UA10	Mailroom Assistant III	026	\$ 28.82- 38.02	\$ 4,995- 6,590	\$ 59,946- 79,082	02
620	Maintenance Mechanic I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
612	Maintenance Worker I	025	\$ 28.07- 36.99	\$ 4,865- 6,412	\$ 58,386- 76,939	02
613	Maintenance Worker II	029	\$ 31.30- 41.22	\$ 5,425- 7,145	\$ 65,104- 85,738	02
614	Maintenance Worker III	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
Z39	* Manager of Admin Services	070	\$ 95.68-125.20	\$16,585-21,701	\$199,014-260,416	05
Z70	* Manager of Bay-Delta Programs	082	\$102.10-139.54	\$17,697-24,187	\$212,368-290,243	01
Z33	* Manager of Colo RiverResources	086	\$113.86-155.54	\$19,736-26,960	\$236,829-323,523	01
Z35	* Manager of Financial Services	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	05
SM020	* Manager of Treasury&Debt Mgmt	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
Z79	* MgrBay-Delta Science&RegStrtgy	082	\$102.10-139.54	\$17,697-24,187	\$212,368-290,243	01
M81	* Mgt Pr Admin Analyst	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	04
YA77	Microbiologist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
186	* Microcomputer Technology Supv	060	\$ 69.40- 90.69	\$12,029-15,720	\$144,352-188,635	03
636	* O & M Supervisor	056	\$ 62.33- 81.53	\$10,804-14,132	\$129,646-169,582	03
S03	+ O&M Tech I	028	\$ 30.40- 40.10	\$ 5,269- 6,951	\$ 63,232- 83,408	02
S03A	+ O&M Tech I	027	\$ 29.59- 39.03	\$ 5,129- 6,765	\$ 61,547- 81,182	02
S03P	+ O&M Tech I	028	\$ 30.40- 40.10	\$ 5,269- 6,951	\$ 63,232- 83,408	02
S02	+ O&M Tech II	032	\$ 34.02- 44.73	\$ 5,897- 7,753	\$ 70,762- 93,038	02
S02A	+ O&M Tech II	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
S02P	+ O&M Tech II	032	\$ 34.02- 44.73	\$ 5,897- 7,753	\$ 70,762- 93,038	02
T10	+ O&M Tech III	036	\$ 38.02- 49.92	\$ 6,590- 8,653	\$ 79,082-103,834	02
T10A	+ O&M Tech III	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
T10P	+ O&M Tech III	036	\$ 38.02- 49.92	\$ 6,590- 8,653	\$ 79,082-103,834	02

## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

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Run Date 03/20/2025

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
T03	+ O&M Tech IV	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
T03A	+ O&M Tech IV	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
T03FS	+ O&M Tech IV	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA80	Oc Health Safety Specialist I	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
YA81	Oc Health Safety Specialist II	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA82	Oc Health Safety Specialist III	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
927	* Occ Safety & Health Spec	054	\$ 62.25- 81.45	\$10,790-14,118	\$129,480-169,416	04
UA11	Office Assistant	026	\$ 28.82- 38.02	\$ 4,995- 6,590	\$ 59,946- 79,082	02
Z53	* Operations Program Manager	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	04
SA11	Ops and Maintenance Assistant	021	\$ 25.10- 33.06	\$ 4,351- 5,730	\$ 52,208- 68,765	02
Z44	* Org Develop & Training Manager	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	05
VA18	Payroll Specialist	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
VA20	Payroll Technician I	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
VA19	Payroll Technician II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
XA45	Photographer I	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
XA46	Photographer II	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
XA48	Planner Scheduler	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
139	* Plant Laboratory Supervisor	055	\$ 60.68- 79.27	\$10,518-13,740	\$126,214-164,882	03
519	* Plant Operations Supervisor	058	\$ 65.77- 85.92	\$11,400-14,893	\$136,802-178,714	03
Y20	* Postdoctoral Research Assoc	046	\$ 49.92- 65.76	\$ 8,653-11,398	\$103,834-136,781	04
T06	Power Line Specialist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
PM028	* Power Planning Specialist	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
YA03	Pr Accountant	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
YA06	Pr Admin Analyst	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	02
YC56	* Pr Admin Analyst	066	\$ 66.48- 90.65	\$11,523-15,713	\$138,278-188,552	01
YC05	* Pr Admin Analyst (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
Y16	* Pr Architect	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
216	* Pr Auditor	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
YC44	* Pr Benefits Analyst (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
YA11	Pr Biologist	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	02
245	* Pr Buyer	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	04
YA19	Pr Chemist	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	02
YC50	* Pr Class & Comp Analyst (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
XA15	Pr Designer	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YC21	* Pr Dpty General Counsel (C)	074	\$106.50-139.54	\$18,460-24,187	\$221,520-290,243	05
Y08	* Pr Dpty General Counsel-LbrRlt	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
YC48	* Pr EEO Analyst (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
YC40	* Pr Emp Relations Specialist	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
115	* Pr Engineer	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
165	* Pr Engineering Technician	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
925	* Pr Environmental Spec	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
YC24	* Pr Government&Region AffRep(C)	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
YA111	* Pr Graphic Art Designer	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	02
YC52	* Pr HR Training Specialist (C)	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	05
YC46	* Pr HRIS Analyst (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
231	* Pr Info Tech Analyst	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	04
YC15	* Pr Info Tech Analyst (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
YC64	* Pr Info Tech Network Engineer	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
Y07	* Pr Land Surveyor	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
YA69	Pr Legal Analyst	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	02
022	* Pr Legislative Representative	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	05
YA74	Pr Limnologist	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	02
YA79	Pr Microbiologist	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	02
YA105	Pr Project Controls Specialist	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	02
289	* Pr Public Affairs Rep	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
275	* Pr Real Estate Rep	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	04
YC54	* Pr Recruitment Specialist (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
933	* Pr Resource Specialist	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
223	* Pr Systems Analyst	054	\$ 62.25- 81.45	\$10,790-14,118	\$129,480-169,416	04
YC17	* Pr Training Administrator (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
YC10	* Pr Training Specialist (C)	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	05
YA112	Pr Treasury Analyst	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	02
XA71	* Pr Videographer	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	02
YA103	Pr Water Quality Specialist	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	02
S01	Pre-Apprentice	017	\$ 22.54- 29.59	\$ 3,907- 5,129	\$ 46,883- 61,547	02
PMA04	* Prgm Mgr-Outreach PrjLaborAgrt	070	\$ 95.68-125.20	\$16,585-21,701	\$199,014-260,416	05
PM031	* Prgrm Mgr-Audit	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
PM021	* Prgrm Mgr-Bay-Delta Initiative	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
PM002	* Prgrm Mgr-Business Continuity	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
PM027	* Prgrm Mgr-Business Outreach	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 6

Run Date 03/20/2025

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
PM038	* Prgrm Mgr-Climate Action Plan	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
PM037	* Prgrm Mgr-Climate Adaptn Plng	071	\$ 98.25-128.69	\$17,030-22,306	\$204,360-267,675	04
PMA03	* Prgrm Mgr-CmtyRlts Delta/PV	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
PMA02	* Prgrm Mgr-Community Relations	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
PM004	* Prgrm Mgr-Corporate Resources	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
PM029	* Prgrm Mgr-Creative Design	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
PM005	* Prgrm Mgr-Dam Safety Initiatvcs	071	\$ 98.25-128.69	\$17,030-22,306	\$204,360-267,675	04
PM006	* Prgrm Mgr-Emergency Management	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
PM026	* Prgrm Mgr-Engineering	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	04
PM007	* Prgrm Mgr-Fleet	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
PM009	* Prgrm Mgr-Info Technology	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
PM035	* Prgrm Mgr-Innovation	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
PM013	* Prgrm Mgr-Power Sched&Trading	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
PM014	* Prgrm Mgr-Press Office	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
PM015	* Prgrm Mgr-Pure Wtr So Califor	071	\$ 98.25-128.69	\$17,030-22,306	\$204,360-267,675	04
PM022	* Prgrm Mgr-Real Property	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
PM023	* Prgrm Mgr-Safety&RegCompliance	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
PM039	* Prgrm Mgr-Safety,Reg&Training	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
PM017	* Prgrm Mgr-Water Resource	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
PM019	* Prgrm Mgr-Web	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
XA50	Production Planner	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
Z13D	* Program Manager I	068	\$ 70.06- 95.68	\$12,144-16,585	\$145,725-199,014	01
Z13E	* Program Manager II	071	\$ 75.88-103.73	\$13,153-17,980	\$157,830-215,758	01
Z13F	* Program Manager III	074	\$ 82.31-112.28	\$14,267-19,462	\$171,205-233,542	01
YA85	Project Controls Specialist	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02
TA25	Property Maintenance Specialist	044	\$ 47.27- 62.25	\$ 8,193-10,790	\$ 98,322-129,480	02
TA24	Property Maintenance Tech I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
TA23	Property Maintenance Tech II	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
YA87	Public Affairs Rep I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
YA88	Public Affairs Rep II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
TA21	Pump Plant Maint Operator I	032	\$ 34.02- 44.73	\$ 5,897- 7,753	\$ 70,762- 93,038	02
TA22	Pump Plant Maint Operator II	036	\$ 38.02- 49.92	\$ 6,590- 8,653	\$ 79,082-103,834	02
T01	Pump Plant Specialist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA90	Quality Assurance Officer	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	02
YA91	Real Estate Representative I	037	\$ 39.03- 51.36	\$ 6,765- 8,902	\$ 81,182-106,829	02
YA92	Real Estate Representative II	042	\$ 44.73- 58.94	\$ 7,753-10,216	\$ 93,038-122,595	02
YA93	Real Estate Representative III	046	\$ 49.92- 65.76	\$ 8,653-11,398	\$103,834-136,781	02
UA12	Reprographics Technician I	023	\$ 26.53- 34.94	\$ 4,599- 6,056	\$ 55,182- 72,675	02
UA13	Reprographics Technician II	028	\$ 30.40- 40.10	\$ 5,269- 6,951	\$ 63,232- 83,408	02
UA14	Reprographics Technician III	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
YA98	Resource Specialist	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	02
Z84	* SafetySecurity&ProOfficer	085	\$110.82-151.38	\$19,209-26,239	\$230,506-314,870	01
Z03B	* Section Manager I (C)	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	05
Z03C	* Section Manager II (C)	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	05
SM005	* Section Mgr-Business Outreach	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
SM014	* Section Mgr-Conveyance&Distrbn	073	\$103.73-135.87	\$17,980-23,551	\$215,758-282,610	04
SM002	* Section Mgr-Customer&Comm Svcs	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
SM015	* Section Mgr-Engineering Svcs	073	\$103.73-135.87	\$17,980-23,551	\$215,758-282,610	04
SM009	* Section Mgr-Environ Planning	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM022	* Section Mgr-Facility&FleetMgmt	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM003	* Section Mgr-Legislative Svcs	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
SM004	* Section Mgr-Media Services	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
SM006	* Section Mgr-MembrSvc&PubOutrch	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
SM011	* Section Mgr-Ops Support Svcs	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM012	* Section Mgr-Power Ops&Planning	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM018	* Section Mgr-Real Property	071	\$ 98.25-128.69	\$17,030-22,306	\$204,360-267,675	04
SM007	* Section Mgr-Rev, Rates &Budget	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
SM019	* Section Mgr-Revenue & Budget	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM010	* Section Mgr-SafetyReg&TechTrng	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM021	* Section Mgr-Sustain&Resilience	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM013	* Section Mgr-Water Ops&Planning	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM016	* Section Mgr-Water Quality	073	\$103.73-135.87	\$17,980-23,551	\$215,758-282,610	04
SM008	* Section Mgr-Water Resource Mgt	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	04
SM017	* Section Mgr-Water Treatment	073	\$103.73-135.87	\$17,980-23,551	\$215,758-282,610	04
WC01	Security Specialist (C)	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	05
Z32	* Senior Audit Manager	076	\$ 86.79-118.61	\$15,044-20,559	\$180,523-246,709	01
V02	* Special Asst to the GM	072	\$ 77.95-106.50	\$13,511-18,460	\$162,136-221,520	01
Z16A	* Special Projects Manager	072	\$100.96-132.21	\$17,500-22,916	\$209,997-274,997	05
YA02	Sr Accountant	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02
VA03	Sr Accounting Tech	039	\$ 41.22- 54.20	\$ 7,145- 9,395	\$ 85,738-112,736	02

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 7

Run Date 03/20/2025

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
YA05	Sr Admin Analyst	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
YC04	* Sr Admin Analyst (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
Y01	* Sr Architect	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
YC43	* Sr Benefits Analyst (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
YA10	Sr Biologist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
YC07	* Sr Board Specialist (C)	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	05
YA14	Sr Buyer	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA18	Sr Chemist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
YC49	* Sr Class & Comp Analyst (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
XA08	Sr Crane Certification Tech	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
XA10	Sr Cross Connection Tech	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
Z11	* Sr Dep Gen Counsel Lbr Reltns	079	\$ 94.15-128.69	\$16,319-22,306	\$195,832-267,675	01
YA23	Sr Deputy Auditor	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
XA14	Sr Designer	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
YC20	* Sr Dpty General Counsel (C)	071	\$ 98.25-128.69	\$17,030-22,306	\$204,360-267,675	05
YC47	* Sr EEO Analyst (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
YC28	* Sr EHS Field Specialist (C)	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	05
YC41	* Sr Emp Relations Specialist	054	\$ 62.25- 81.45	\$10,790-14,118	\$129,480-169,416	05
114	* Sr Engineer	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
XA23A	Sr Engineering Technician	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
924	* Sr Environmental Specialist	060	\$ 69.40- 90.69	\$12,029-15,720	\$144,352-188,635	03
YC04A	* Sr Financial Analyst (C)	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	05
YC23	* Sr Government&Region AffRep(C)	057	\$ 67.56- 88.30	\$11,710-15,305	\$140,525-183,664	05
YA37	Sr Graphic Art Designer	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YC51	* Sr HR Training Specialist (C)	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	05
YC45	* Sr HRIS Analyst (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
YA109	Sr IT Business Analyst	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
XA30A	Sr IT Communication Technician	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	02
YA41	Sr IT Enterprise App Analyst	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
YA36	Sr IT GIS Analyst	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
YA45	Sr IT Infrastructure Adminstr	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
YA49	Sr IT Network Engineer	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
YA53	Sr IT Proj Controls Specialist	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
YA57	Sr IT Quality Analyst	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
YA61	Sr IT Software Developer	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
XA34A	Sr IT Support Analyst	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	02
YA65	Sr IT System Administrator	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
201	* Sr Info Systems Auditor	055	\$ 64.01- 83.63	\$11,095-14,496	\$133,141-173,950	04
YC14	* Sr Info Tech Analyst (C)	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	05
XA37A	Sr Lab Info Systems Specialist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
YA66	Sr Land Surveyor	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	02
XA44A	Sr Landscape Maintenance Tech	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA68	Sr Legal Analyst	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
UC03	Sr Legal Secretary (C)	040	\$ 42.35- 55.76	\$ 7,341- 9,665	\$ 88,088-115,981	05
YA117	Sr Legal Technology Specialist	052	\$ 58.94- 77.22	\$10,216-13,385	\$122,595-160,618	02
YC67	* Sr Legislative Representative	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	05
YA73	Sr Limnologist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
YA78	Sr Microbiologist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
928	* Sr Occup Safety & Health Spec	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
XA49	Sr Planner Scheduler	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA86	Sr Project Controls Specialist	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	02
YA89	Sr Public Affairs Rep	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA94	Sr Real Estate Representative	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	02
YC53	* Sr Recruitment Specialist (C)	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	05
UA15	Sr Reprographic Technician	034	\$ 35.95- 47.27	\$ 6,231- 8,193	\$ 74,776- 98,322	02
155	* Sr Research Chemist	059	\$ 67.59- 88.27	\$11,716-15,300	\$140,587-183,602	03
932	* Sr Resource Specialist	060	\$ 69.40- 90.69	\$12,029-15,720	\$144,352-188,635	03
WC03	Sr Security Specialist	054	\$ 62.25- 81.45	\$10,790-14,118	\$129,480-169,416	05
XA56	Sr System Operations Tech	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
TA17	Sr System Operator	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
XA62A	Sr Technical Writer	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
YC16	* Sr Training Administrator (C)	051	\$ 57.26- 75.23	\$ 9,925-13,040	\$119,101-156,478	05
YC09	* Sr Training Specialist (C)	050	\$ 55.76- 73.22	\$ 9,665-12,691	\$115,981-152,298	05
YA113	Sr Treasury Analyst	049	\$ 54.20- 71.31	\$ 9,395-12,360	\$112,736-148,325	02
XA65	Sr Videographer	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YA102	Sr Water Quality Specialist	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
XA69	Sr Water Quality Technician	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
V01	* Staff Assistant to the GM	072	\$ 77.95-106.50	\$13,511-18,460	\$162,136-221,520	01
Z43	* Staffing Manager	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	05
VA12	Storekeeper I	026	\$ 28.82- 38.02	\$ 4,995- 6,590	\$ 59,946- 79,082	02

## Metropolitan Water District of Southern California

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## SALARY SCHEDULE

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Run Date 03/20/2025

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Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
VA13	Storekeeper II	031	\$ 33.06- 43.52	\$ 5,730- 7,543	\$ 68,765- 90,522	02
VA14	Storekeeper III	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
Y19	* Strategic Comm&Policy Advisor	081	\$ 99.44-135.87	\$17,236-23,551	\$206,835-282,610	01
PMA01	* Strategic Program Mgr, HR	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
Y13	Student Intern	022	\$ 20.02- 27.23	\$ 3,470- 4,720	\$ 41,642- 56,638	01
S04	Student Intern Desert	010	\$ 18.58- 24.42	\$ 3,221- 4,233	\$ 38,646- 50,794	02
UA18	Student Youth Intern	014	\$ 16.05- 21.91	\$ 2,782- 3,798	\$ 33,384- 45,573	01
260	* Supervising Admin Analyst	049	\$ 51.38- 67.59	\$ 8,906-11,716	\$106,870-140,587	03
XA51A	Survey and Mapping Tech I	036	\$ 38.02- 49.92	\$ 6,590- 8,653	\$ 79,082-103,834	02
XA52A	Survey and Mapping Tech II	040	\$ 42.35- 55.76	\$ 7,341- 9,665	\$ 88,088-115,981	02
XA53A	Survey and Mapping Tech III	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
XA54A	Survey and Mapping Tech IV	053	\$ 60.57- 79.35	\$10,499-13,754	\$125,986-165,048	02
XA55	System Operations Technician	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
TA16	System Operator	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02
Z06A	* Team Manager I	056	\$ 62.33- 81.53	\$10,804-14,132	\$129,646-169,582	03
Z06B	* Team Manager II	057	\$ 64.04- 83.70	\$11,100-14,508	\$133,203-174,096	03
Z06C	* Team Manager III	059	\$ 67.59- 88.27	\$11,716-15,300	\$140,587-183,602	03
Z06D	* Team Manager IV	060	\$ 69.40- 90.69	\$12,029-15,720	\$144,352-188,635	03
Z06R	* Team Manager IV (C)	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	05
Z06E	* Team Manager V	061	\$ 71.31- 93.13	\$12,360-16,143	\$148,325-193,710	03
Z06S	* Team Manager V (C)	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
Z06F	* Team Manager VI	065	\$ 79.27-103.67	\$13,740-17,969	\$164,882-215,634	03
Z06G	* Team Manager VII	065	\$ 79.27-103.67	\$13,740-17,969	\$164,882-215,634	03
TM085	* Team Mgr-Accounts Payable	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM086	* Team Mgr-Accounts Receivable	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM001	* Team Mgr-Admin Svcs Bus Mgmt	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM080	* Team Mgr-Budget	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	04
TM002	* Team Mgr-Business Applications	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM061	* Team Mgr-Business Intel System	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM084	* Team Mgr-Capital Invstmnt Plan	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM003	* Team Mgr-Chemistry	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM079	* Team Mgr-Community Relations	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM005	* Team Mgr-Construction Mgmt I	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
TM004	* Team Mgr-Construction Mgmt II	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM064	* Team Mgr-ConstructionContracts	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM006	* Team Mgr-Control Systems Apps	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM007	* Team Mgr-Corrosion Control	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM078	* Team Mgr-Creative Design	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM008	* Team Mgr-Database	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM009	* Team Mgr-Design	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM073	* Team Mgr-Design Support	057	\$ 67.56- 88.30	\$11,710-15,305	\$140,587-183,664	04
TM072	* Team Mgr-Design Technology	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
TM081	* Team Mgr-Education	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM013	* Team Mgr-Eng Compliance	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM012	* Team Mgr-Engineering Administr	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM014	* Team Mgr-Enterprise Apps	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM022	* Team Mgr-Enterprise GIS & CAD	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM015	* Team Mgr-EnterprsrWaterSysPrgrm	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
TM065	* Team Mgr-Environ Planning	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM016	* Team Mgr-Environ Prgrm Support	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM011	* Team Mgr-Ext Affairs Bus Mgmt	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM019	* Team Mgr-Facility Operations	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM018	* Team Mgr-Facility Planning	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM020	* Team Mgr-Field Survey	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
TM033	* Team Mgr-FinanceRpt&PlantAsset	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM021	* Team Mgr-Geodetics and Mapping	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
TM023	* Team Mgr-Graphic Design	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
TMA01	* Team Mgr-HR Business Support	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	05
TM024	* Team Mgr-Health&SafetyPrgrmSup	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM025	* Team Mgr-Hydraulics&SysMdlng	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM026	* Team Mgr-Hydroelectric	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM027	* Team Mgr-IT Administration	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	04
TM074	* Team Mgr-IT Business Analysis	061	\$ 75.23- 98.25	\$13,040-17,030	\$156,478-204,360	04
TM077	* Team Mgr-IT Client Systems Spt	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
TM082	* Team Mgr-IT Network Systems	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM066	* Team Mgr-IT Prgrm Project Sppt	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
TM028	* Team Mgr-IT Quality Assurance	061	\$ 75.23- 98.25	\$13,040-17,030	\$156,478-204,360	04
TM010	* Team Mgr-IT Service Desk	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
TM055	* Team Mgr-IT Telecommunication	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM067	* Team Mgr-Info Security	061	\$ 75.23- 98.25	\$13,040-17,030	\$156,478-204,360	04

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 9

Run Date 03/20/2025

Effective Date: 01/29/2025

Run Time 12:59:08

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
TM046	* Team Mgr-InternalCntr&WaterInv	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM029	* Team Mgr-Inventory Control	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	04
TM075	* Team Mgr-Laboratory Support	057	\$ 64.04- 83.70	\$11,100-14,508	\$133,203-174,096	03
TM068	* Team Mgr-LandPlanning&Managemt	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM088	* Team Mgr-Legislative Services	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM030	* Team Mgr-Limnology & Reservoir	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM031	* Team Mgr-Maint Engineering	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM032	* Team Mgr-Materials&Metallurgy	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	04
TM034	* Team Mgr-Microbiology	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM090	* Team Mgr-Operational Reg Svcs	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM035	* Team Mgr-Operations App Svcs	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM036	* Team Mgr-Operations Compliance	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM076	* Team Mgr-Operations Planning	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM037	* Team Mgr-Ops Control Center	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM087	* Team Mgr-Payroll	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	04
TM060	* Team Mgr-Power Ops& Scheduling	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM038	* Team Mgr-Procurement	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM039	* Team Mgr-Prof Contracting Svcs	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM040	* Team Mgr-Program Management	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM041	* Team Mgr-Project Controls	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	04
TM063	* Team Mgr-Property Management	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM042	* Team Mgr-Pump Plant	061	\$ 75.23- 98.25	\$13,040-17,030	\$156,478-204,360	04
TM043	* Team Mgr-QltyAsrn&CompSampling	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM044	* Team Mgr-Real Prop Bus Mgmt	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM045	* Team Mgr-RecordsMgt&ImagingSvc	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM069	* Team Mgr-Resource Development	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM070	* Team Mgr-Resource Planning	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM062	* Team Mgr-Right of Way Acquistn	063	\$ 79.35-103.73	\$13,754-17,980	\$165,048-215,758	04
TM047	* Team Mgr-Safety of Dams&Geotch	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM017	* Team Mgr-Safety&RegSvcSiteSupt	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TMA02	* Team Mgr-SafetyRegTechTraining	060	\$ 73.22- 95.68	\$12,691-16,585	\$152,298-199,014	05
TM048	* Team Mgr-Security Management	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM049	* Team Mgr-Server Administration	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM050	* Team Mgr-Substructures	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM051	* Team Mgr-Supply Acquisition	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
TM053	* Team Mgr-Technical Control	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM054	* Team Mgr-Technical Writing	058	\$ 69.38- 90.65	\$12,026-15,713	\$144,310-188,552	04
TM071	* Team Mgr-Treasury Operations	062	\$ 77.22-100.96	\$13,385-17,500	\$160,618-209,997	04
TM058	* Team Mgr-WRM Business Mgmt	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM059	* Team Mgr-WSO Business Mgmt	059	\$ 71.31- 93.12	\$12,360-16,141	\$148,325-193,690	04
TM056	* Team Mgr-Warehouse	056	\$ 65.76- 86.02	\$11,398-14,910	\$136,781-178,922	04
TM057	* Team Mgr-Water Efficiency	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
TM083	* Team Mgr-WaterReuse&ProcessDev	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
XA57	Technical Illustrator I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA58	Technical Illustrator II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA59A	Technical Writer I	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA60A	Technical Writer II	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA61A	Technical Writer III	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
YC55	* Training Administrator	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	05
VC10	Training Assistant I	030	\$ 32.20- 42.35	\$ 5,581- 7,341	\$ 66,976- 88,088	05
VC11	Training Assistant II	034	\$ 35.95- 47.27	\$ 6,231- 8,193	\$ 74,776- 98,322	05
VC12	Training Assistant III	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	05
Y15	* Training Logistics Specialist	059	\$ 67.59- 88.27	\$11,716-15,300	\$140,587-183,602	03
YC08	* Training Specialist (C)	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	05
ASM01	* Treasurer	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
YA116	Treasury Analyst I	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
YA115	Treasury Analyst II	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
YA114	Treasury Analyst III	044	\$ 47.27- 62.25	\$ 8,193-10,790	\$ 98,322-129,480	02
Z05J	* Unit Manager V (C)	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
UM002	* Unit Mgr-Application Services	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	04
UM003	* Unit Mgr-Apprentice&TechTrain	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04
UM004	* Unit Mgr-Audit	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
UMA01	* Unit Mgr-Benefits Services	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
UM031	* Unit Mgr-Budget	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM030	* Unit Mgr-Chemistry	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UMA02	* Unit Mgr-ClassComp&Recruitment	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
UM005	* Unit Mgr-Construction Services	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM006	* Unit Mgr-Contracting Services	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM007	* Unit Mgr-Conveyance&Distribtn	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM008	* Unit Mgr-Document Services	064	\$ 81.45-106.50	\$14,118-18,460	\$169,416-221,520	04

## Metropolitan Water District of Southern California

Report ID: MHR828

## SALARY SCHEDULE

Page No. 10

Run Date 03/20/2025

Run Time 12:59:08

Effective Date: 01/29/2025

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
UM042	* Unit Mgr-DvrstyEqty&IncWkfcDev	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM009	* Unit Mgr-Education	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM010	* Unit Mgr-Engineering Services	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	04
UM038	* Unit Mgr-Environmental Plng	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	04
UM011	* Unit Mgr-Facility Management	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	04
UM045	* Unit Mgr-Finance Services	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM012	* Unit Mgr-Fleet Services	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
UM043	* Unit Mgr-Grants & Research	073	\$ 80.08-109.38	\$13,881-18,959	\$166,566-227,510	01
UM016	* Unit Mgr-IT Infrastructure	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM033	* Unit Mgr-IT Program Mgt Office	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	04
UM017	* Unit Mgr-IT Project Planning	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM032	* Unit Mgr-IT Security	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM013	* Unit Mgr-Implemnt Proj&Studies	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM014	* Unit Mgr-Imported Supply	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM015	* Unit Mgr-Info Security Svcs	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM037	* Unit Mgr-Laboratory Services	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM023	* Unit Mgr-Land Management	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	04
UM018	* Unit Mgr-Manufacturing Svcs	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM029	* Unit Mgr-Microbiology	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM019	* Unit Mgr-Ops Planning&Program	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM036	* Unit Mgr-Ops Proj & Asset Mgmt	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	04
UM021	* Unit Mgr-Planning and Acquistn	067	\$ 88.30-115.43	\$15,305-20,008	\$183,664-240,094	04
UM020	* Unit Mgr-Power&EquipReliabilty	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM040	* Unit Mgr-PowerCompl&Programs	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM035	* Unit Mgr-Rates, Charges&FinPlan	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	04
UM024	* Unit Mgr-Risk Management	065	\$ 83.63-109.38	\$14,496-18,959	\$173,950-227,510	04
UM041	* Unit Mgr-Safety&Environ Svcs	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM034	* Unit Mgr-Security	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM025	* Unit Mgr-System Analysis	069	\$ 93.12-121.88	\$16,141-21,126	\$193,690-253,510	04
UM026	* Unit Mgr-System Operations	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM027	* Unit Mgr-Water Purification	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
UM028	* Unit Mgr-Water Treatment Plant	068	\$ 90.65-118.61	\$15,713-20,559	\$188,552-246,709	04
XA63	Videographer I	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
XA64	Videographer II	041	\$ 43.52- 57.26	\$ 7,543- 9,925	\$ 90,522-119,101	02
YA101	Water Quality Specialist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
XA66	Water Quality Technician I	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
XA67	Water Quality Technician II	038	\$ 40.10- 52.75	\$ 6,951- 9,143	\$ 83,408-109,720	02
XA68	Water Quality Technician III	043	\$ 46.01- 60.57	\$ 7,975-10,499	\$ 95,701-125,986	02
XA70A	Water Sampling Field Tech	033	\$ 34.94- 46.01	\$ 6,056- 7,975	\$ 72,675- 95,701	02
Z38	* Workers Compensation Manager	066	\$ 86.02-112.28	\$14,910-19,462	\$178,922-233,542	05
T13	Wtr Treatment Plant Specialist	048	\$ 52.75- 69.38	\$ 9,143-12,026	\$109,720-144,310	02
TA18	Wtr Trtment Plant Operator I	035	\$ 36.99- 48.60	\$ 6,412- 8,424	\$ 76,939-101,088	02
TA19	Wtr Trtment Plant Operator II	040	\$ 42.35- 55.76	\$ 7,341- 9,665	\$ 88,088-115,981	02
TA20	Wtr Trtment Plant Operator III	045	\$ 48.60- 64.01	\$ 8,424-11,095	\$101,088-133,141	02



Metropolitan Water District of Southern California  
SALARY SCHEDULE

Report ID: MHR828

Page No. 11

Run Date 03/20/2025

Run Time 12:59:08

Effective Date: 01/29/2025

Classification Code	Title	Salary Grade	Hourly Range	Monthly Range	Annual Range	Unit Code
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Unit Code

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00 - Executive  
01 - Unrepresented  
02 - AFSCME Local 1902  
03 - Supervisors Association  
04 - Management&Professional Assoc  
05 - Assoc of Conf Employees

\* Not Eligible for Overtime

O&amp;M Tech Titles

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+ O&M Tech I  
S03A (Grade 27): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
S03 (Grade 28): Electrical, HVAC, Machinist, Mechanical  
S03P (Grade 28 - Apprentice): Electrical, Mechanical  
+ O&M Tech II  
S02A (Grade 31): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
S02 (Grade 32): Electrical, HVAC, Machinist, Mechanical  
S02P (Grade 32 - Apprentice): Electrical, Mechanical  
+ O&M Tech III  
T10A (Grade 35): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
T10 (Grade 36): Electrical, HVAC, Machinist, Mechanical  
T10P (Grade 36 - Apprentice): Electrical, Mechanical  
+ O&M Tech IV  
T03A (Grade 41): Carpenter, Coater, Equipment Operator, Fleet, Plumber, Welder-Fabricator  
T03 (Grade 42): Electrical, HVAC, Machinist, Mechanical  
T03FS (Grade 42): Welder-Fabricator/Field Services

End of Report



Organization, Personnel and Effectiveness Committee

# Approve Employee Salary Schedule Pursuant to CalPERS Regulations

Item 7-10

April 7, 2025

## Purpose and Background

- Metropolitan's Board is required by CalPERS to annually approve and adopt a salary schedule.
- Doing so does not amend or revise Memoranda of Understanding (MOUs), which have already been approved by the Board.

## Governing Authority

- California Code of Regulations, Section 570.5
- Pay rate for calculating pensions specifically limited to amount listed on a *pay schedule*
- *Pay schedule* must
  - Be approved and adopted by the Board
  - Identify the position title for every employee
  - Show the pay rate for each identified position
  - Indicate the effective date
  - Meet public posting requirements

## Changes to Salary Schedule for 2025

- Implements changes from the Board-approved MOUs
- Implements Board-approved salary changes for Department Heads
- Implements any newly created job titles/classifications

# Board Options

- Option #1

Approve the attached salary schedules

## Option #2

Do not approve the salary schedule

# Staff Recommendation

- Option #1  
Approve the attached salary schedules.







- **Board of Directors**  
***One Water and Adaptation Committee***

4/8/2025 Board Meeting

7-11

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## Subject

Authorize the General Manager to extend California Contractor Forbearance for Intentionally Created Surplus; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

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## Executive Summary

Staff seeks authorization for the General Manager to extend forbearance for Intentionally Created Surplus (ICS) to match the period of time covered by the 2007 Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations for Lake Powell and Lake Mead. California forbearance for ICS currently terminates on December 31, 2025, for the creation of ICS and on December 31, 2035, for delivery of ICS. This extension would provide forbearance for ICS creation through December 31, 2026, and through December 31, 2036, for delivery of ICS.

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## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Authorize the General Manager to extend California Contractor Forbearance for Intentionally Created Surplus.

**Fiscal Impact:** None

**Business Analysis:** Metropolitan would extend its forbearance for ICS in the Lower Basin Forbearance Agreement to match the 2007 Interim Guidelines for Coordinated Operations of Lake Powell and Lake Mead.

#### Option #2

Direct the General Manager to not extend California Contractor Forbearance for Intentionally Created Surplus.

**Fiscal Impact:** None

**Business Analysis:** Metropolitan would not extend its forbearance for ICS which would increase uncertainty for ICS creation through 2026 and ICS delivery through 2036.

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## Alternatives Considered

No alternatives were considered.

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## Applicable Policy

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

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## Related Board Action(s)/Future Action(s)

By Minute Item 47327 in December 2007, Metropolitan's Board approved agreements that included forbearance of ICS Exhibits through December 31, 2025.

## California Environmental Quality Act (CEQA)

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### CEQA determination for Option #1:

The proposed action is exempt from CEQA because it involves an agreement associated with the operation of existing public water conveyance facilities, involving negligible or no expansion of existing or former use and no possibility of significantly impacting the physical environment. (State CEQA Guidelines Section 15301.)

### CEQA determination for Option #2:

None required

## Details and Background

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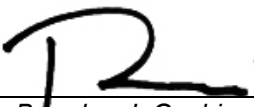
### Background

The Record of Decision for the 2007 Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations for Lake Powell and Lake Mead (2007 Interim Guidelines) govern Colorado River water supply and reservoir operating decisions, including the creation of ICS. These guidelines terminate on December 31, 2025. However, since the Annual Operating Plan for 2026 is adopted in 2025, the operations for 2026 will be determined under the 2007 Interim Guidelines. Therefore, the 2007 Interim Guidelines will effectively govern the system through 2026, with the accounting and delivery of ICS through 2036. The 2007 Lower Colorado River Basin Intentionally Created Surplus Forbearance Agreement (2007 Forbearance Agreement), to which Metropolitan and other Colorado River contractors are parties, also terminates on December 31, 2025. However, the 2007 Forbearance Agreement does not have the same mechanism to effect 2026 operations. Thus, despite terminating at the same time, in practice, there is a one-year discrepancy between the 2007 Interim Guidelines and the 2007 Forbearance Agreement regarding the creation and delivery of ICS.

### Extending California Forbearance

California contractor forbearance of ICS is necessary because, under the California priority system, Colorado River water conserved by a higher-priority user is available to the next lower-priority user. For additional background on the purpose and mechanics of forbearance by Metropolitan, please see the June 2024 presentation on that subject available at:

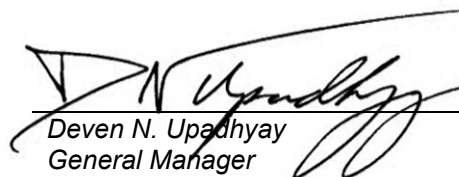
<https://mwdh2o.legistar.com/View.ashx?M=F&ID=13012478&GUID=5C7533D3-F668-4FC6-A12E-EACEF0DF52DD>. Therefore, to ensure Metropolitan's ability to create and deliver ICS through the period in which the 2007 Interim Guidelines effectively govern the Colorado River, staff recommends extending the period of time covered by the 2007 Forbearance Agreement. This extension would provide forbearance for the creation of ICS through 2026 and for delivery of ICS through 2036.



Brandon J. Goshi  
Acting Manager,  
Water Resource Management

3/24/2025

Date



Deven N. Upadhyay  
General Manager

3/24/2025

Date



One Water and Adaptation Committee

# Authorize Forbearance of Intentionally Created Surplus in 2026

Item 7-11

April 7, 2025

# Item 7-11

## Authorize Forbearance of Intentionally Created Surplus in 2026

### Subject

Authorize the General Manager to extend California Forbearance for Intentionally Created Surplus; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

### Purpose

To obtain Board approval to extend California Forbearance for Intentionally Created Surplus (ICS) in 2026

### Recommendation and Fiscal Impact

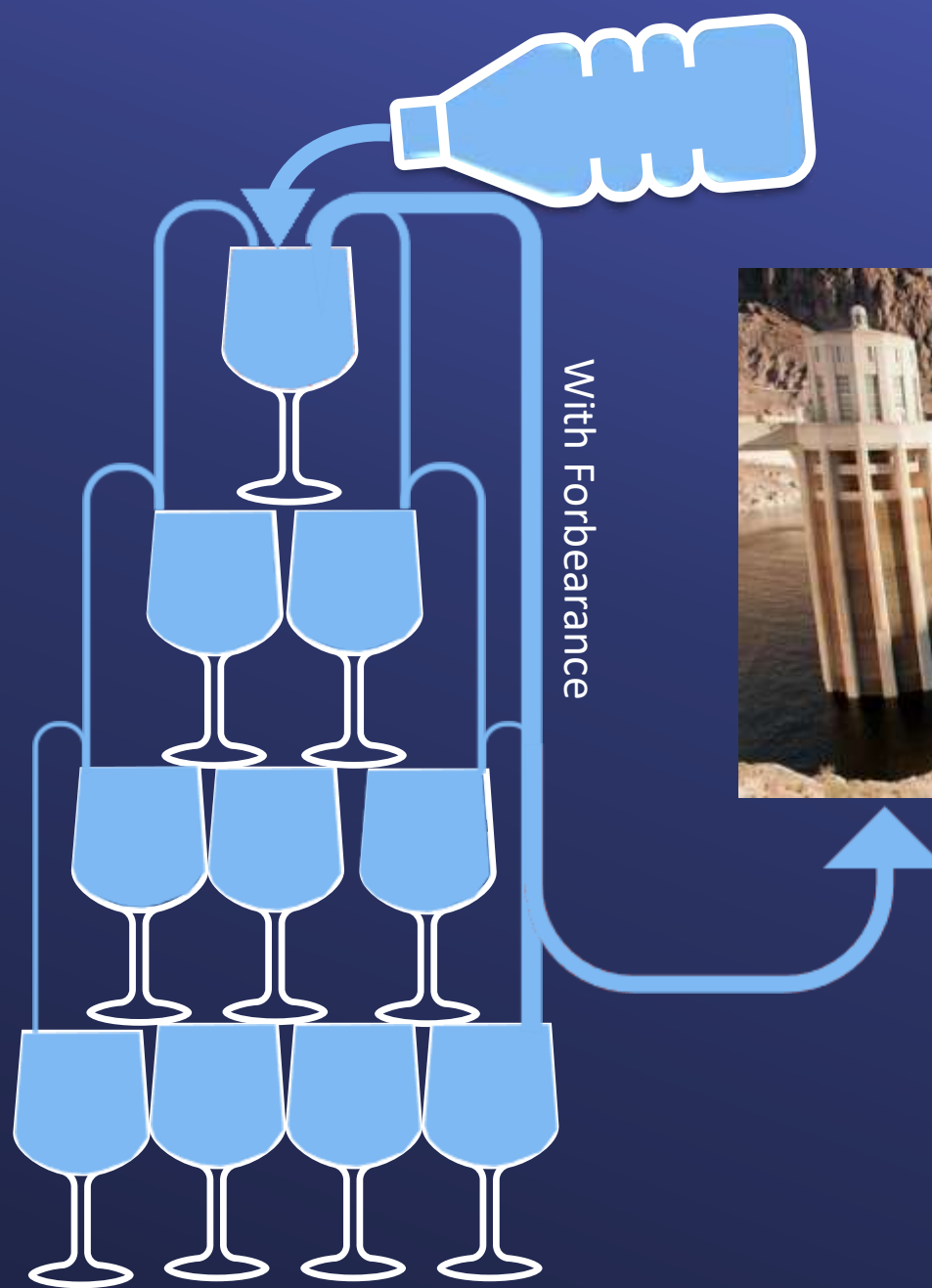
Authorize forbearance the General Manager to extend California Contractor Forbearance for Intentionally Created Surplus

### Budget

No budget impact



# Forbearance Allows Conserved Water To be Moved Out of Priority



# Metropolitan's Forbearance is Necessary

Forbearance agreements are the mechanism for ensuring conserved water stays in Lake Mead under the priority system



# Extend California Contractor Forbearance for ICS through 2026

	2007 Interim Guidelines	ICS Forbearance Agreement
Date Agreement Signed	December 13, 2007	December 13, 2007
Expiration Date	December 31, 2025	December 31, 2025
Does it Effect Operations post-Expiration?	Yes	No

Extension achieves consistency  
between agreements effective  
periods

# Board Options

- Option #1

Authorize the General Manager to extend California Contractor Forbearance for Intentionally Created Surplus.

- Option #2

Direct the not to extend California Contractor Forbearance for Intentionally Created Surplus

# Staff Recommendation

- Option #1





- **Board of Directors**  
***One Water and Adaptation Committee***

4/8/2025 Board Meeting

7-12

## Subject

Authorize the General Manager to terminate the Foothill Area Conjunctive Use Program Agreement; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

Staff recommends that the General Manager be authorized to enter into agreements to terminate six inactive Conjunctive Use Program (CUP) agreements. The six inactive agreements include Compton, Foothill Area, Live Oak Basin, Long Beach, Long Beach Expansion into Lakewood, and Orange County CUPs. The six programs have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes. Staff has coordinated with the member agencies involved with the listed projects, and the consensus of both member agencies and staff is to terminate the agreements.

The subject of this board action is to terminate the Foothill CUP agreement. Termination of the Foothill CUP agreement will reduce Metropolitan costs in the current biennium by approximately \$17,000 and \$35,000 in future years due to the elimination of administrative fee payments that would be made by Metropolitan if the agreement remains in effect. A summary of the CUP programs is provided in **Attachment 1**.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Authorize the General Manager to terminate the Foothill Area Conjunctive Use Program Agreement.

**Fiscal Impact:** Terminating the agreement would relieve Metropolitan of administrative fees and result in a reduction of budgeted Supply Program costs of \$16,882 in FY2025/26 and a total reduction of \$51,923 through the term of the existing agreement.

**Business Analysis:** This action will reduce Metropolitan costs in the current biennium by approximately \$17,000 and \$35,000 in future years due to the elimination of administrative fee payments that would have been made by Metropolitan if the agreements had remained in effect.

#### Option #2

Do not authorize the General Manager to terminate the Foothill Area CUP agreement, which would allow the Foothill Area CUP agreement to terminate on its current schedule.

**Fiscal Impact:** Cost savings or increased revenue in this biennium will not be achieved.

**Business Analysis:** Not terminating now will leave this agreement on its original schedule, and no cost savings or increased revenue will be realized in this biennium. Revenue generation would be deferred to 2028.

## Applicable Policy

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

Metropolitan Water District Administrative Code Section 4209: Contracts

Metropolitan Water District Administrative Code Section 4507: Billing and Payment of Water Deliveries

By Minute Item 43514, dated April 13, 1999, the Board adopted the Water Surplus and Drought Management Plan.

By Minute Item 43860, dated Jan. 11, 2000, the Board approved strategies for implementing Groundwater Storage Programs within Metropolitan's service area.

By Minute Item 44210, dated Oct. 17, 2000, the Board adopted Resolution 8706 to accept the grant for funds from Proposition 13.

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### **Related Board Action(s)/Future Action(s)**

By Minute Item 44427, dated April 10, 2001, the Board gave authority to finalize agreement terms for Groundwater Conjunctive Use Projects using Proposition 13 funds.

By Minute Item 44871, dated May 14, 2002, the Board approved the Long Beach CUP.

By Minute Item 45035, dated October 8, 2002, the Board approved the Live Oak Basin CUP.

By Minute Item 45205, dated February 11, 2003, the Board approved the Foothill Area CUP.

Board Report dated May 11, 2004, reporting on the selection of Groundwater Storage Programs using remaining Proposition 13 funds.

By Minute Item 46073, dated January 11, 2005, the Board approved the Compton CUP.

By Minute Item 46301, dated July 12, 2005, the Board approved the Long Beach CUP Phase 2 expansion into Lakewood.

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### **Summary of Outreach Completed**

Presented to Member Agency Managers Meeting on February 11, 2025

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### **California Environmental Quality Act (CEQA)**

#### **CEQA determination for Option #1:**

The proposed action is not defined as a project under CEQA because it will not result in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment. (State CEQA Guidelines Section 15378(a)).

#### **CEQA determination for Option #2:**

None required

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### **Details and Background**

#### **Background**

The purpose of the CUP program is to store water during wet years and extract the stored water during dry years upon a call by Metropolitan. Since 2002, more than 350,000 acre-feet has been stored in the nine CUP programs. Also, the CUP program has generated a total of about 266,000 acre-feet of yield that has benefited Metropolitan during drought and emergencies.

Metropolitan seeks ways to streamline the current program and identify measures to reduce costs and generate revenue in the CUP program. To achieve this goal, Metropolitan proposes to terminate six inactive CUP programs during this fiscal year to reduce future administrative and reimbursement costs and to generate revenue. This proposed action would terminate the Foothill Area CUP agreement.

## History of the CUP Program

The 1996 Integrated Resources Plan (IRP) identified groundwater storage as an important part of Metropolitan's future water resource mix. The IRP also identified that the remaining need for long-term storage is 450,000 acre-feet, with 150,000 acre-feet per year of dry-year production.

In January 2000 (Board Item 9-5), the Board approved a hybrid framework for the development of in-region dry-year CUP. This hybrid framework for CUP included two components:

- **A case-by-case approach** where member agencies could submit proposals to Metropolitan based upon their needs and expected benefits, or Metropolitan may approach a member agency based upon an assessment of potential regional benefits; and
- **A request for proposal (RFP) approach** where member agencies would submit proposals that would be competitively ranked against specific criteria. This approach tries to standardize all Groundwater Storage Programs; however, experience has shown that not all local groundwater programs are alike. Local issues such as water quality, basin adjudication or management, and local and regional benefits are all unique, making it difficult to rank projects using specific criteria.

In January 2000, the Board also established principles for the development of conjunctive use in the service area. These principles are summarized in **Attachment 1**.

In March 2000, 65 percent of California voters approved Proposition 13 (Prop. 13), authorizing the state of California to sell \$1.97 billion in general obligation bonds for water-related projects throughout the state. In May 2020, the Governor's Annual Budget Act appropriated to the Department of Water Resources local assistance grant funds from Prop 13. From these funds, the state allocated \$45 million to Metropolitan to help finance Southern state Water Reliability Projects targeting conjunctive use projects within the Metropolitan's service area.

In November 2000, Metropolitan released an RFP for the CUP Program. Nine CUP programs were selected and approved by the Board and received funding from Prop 13 in the amount of \$45 million and Metropolitan in the amount of \$27 million. These CUP programs included: the Chino Basin, Compton, Elsinore, Foothill Area, Live Oak, Long Beach, Long Beach Expansion into Lakewood, Orange County, and Upper Claremont CUPs. Each CUP agreement has a term of 25 years with termination between 2027 and 2031, depending upon when the agreement was executed. This proposed action would terminate the Foothill Area CUP. Without this action, the Foothill Area CUP would terminate on February 11, 2028. Each agreement also includes provisions for capital facilities needed to perform for the program. Program facilities included treatment facilities, new wells, conveyance systems, and recharge facilities. The final disbursement of the Prop 13 and Metropolitan funding for the completion of all funded CUP facilities was achieved in May 2009.

The total storage of the CUP programs is 211,889 acre-feet with a dry-year yield of 70,296 acre-feet per year. The current balance in the CUP program is 83,607 acre-feet. Storage amounts for all the CUP programs are shown in **Attachment 1**.

## Need for Action

Six CUP programs have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes. Over time, Metropolitan has developed alternative approaches and programs for coordinated groundwater storage management that can continue to provide regional benefits that have previously come from these inactive CUP programs. Metropolitan has discussed the termination of these programs with the affected member agencies. As a result of these discussions, the program partners have expressed interest in terminating their programs early. The six inactive agreements include Compton, Foothill Area, Live Oak Basin, Long Beach, Long Beach Expansion into Lakewood, and Orange County CUPs. Regional dry-year storage levels are currently at a record high of 3.8 million acre-feet. The proposed action is not likely to significantly impact the availability of dry-year supplies. Further, termination of the inactive programs does not impact the requirements of the Prop 13 funding received and disbursed to the participating agencies for the development of the programs.



**Proposed Action and General Terms**

Staff recommends that the Board authorize the General Manager to enter into agreements to terminate six inactive CUP agreements. New agreements are currently required to allow for termination of the existing agreements. This proposed action would terminate the Foothill Area CUP agreement. The existing CUP agreements do not include standard termination language, which would have allowed the parties to initiate early terminations upon written notice.

**General Terms**

The following conditions will apply to the agreements:

- Metropolitan and the six participating member agencies will enter into individual agreements.
- Termination of the six agreements will be effective by June 30, 2025.
- The participating member agency would not be required to pay back any funds received from Metropolitan during the term of the agreement.
- No money would be due upon termination by either party unless there is water remaining in a CUP account.
- Since there is no water in the Foothill CUP account, no money is due.

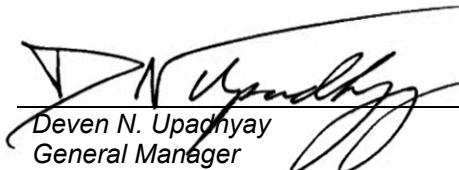
**Project Milestone(s)**

Termination of the Foothill Area CUP will be effective June 30, 2025.

  
\_\_\_\_\_  
Brandon J. Goshi  
Interim Manager,  
Water Resource Management

3/24/2025

Date

  
\_\_\_\_\_  
Deven N. Upadhyay  
General Manager

3/24/2025

Date

**Attachment 1 – Summary of Conjunctive Use Programs**

Ref# wrm12707942

### Summary of Conjunctive Use Programs

<b>Program</b>	<b>Current Balance (AF)</b>	<b>Start Date</b>	<b>Original Termination Date</b>	<b>Active or Inactive</b>	<b>Proposed Termination Date</b>
<b>Chino</b>	63,838	2003	2028	Active	—
<b>Compton</b>	0	2005	2030	Inactive	2025
<b>Elsinore</b>	11,891	2006	2031	Active	—
<b>Foothill Area</b>	0	2003	2028	Inactive	2025
<b>Live Oak</b>	0	2002	2027	Inactive	2025
<b>Long Beach Phase 1</b>	6,678	2002	2027	Inactive	2025
<b>Long Beach Phase 2 (Lakewood)</b>	0	2005	2030	Inactive	2025
<b>Orange County</b>	0	2003	2028	Inactive	2025
<b>Upper Claremont</b>	1,200	2005	2030	Active	—
<b>Total</b>	<b>83,607</b>	—	—	—	—



One Water and Adaptation Committee

# Authorize the General Manager to Terminate Conjunctive Use Program Agreements

Items 7-12, 7-13, 7-14, 7-15, 7-16, and 7-17

April 7, 2025

## Items 7-12 through 7-17

### Termination of Six CUP Agreements

#### Subject

Authorize the General Manager to terminate Conjunctive Use Program agreements; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA.

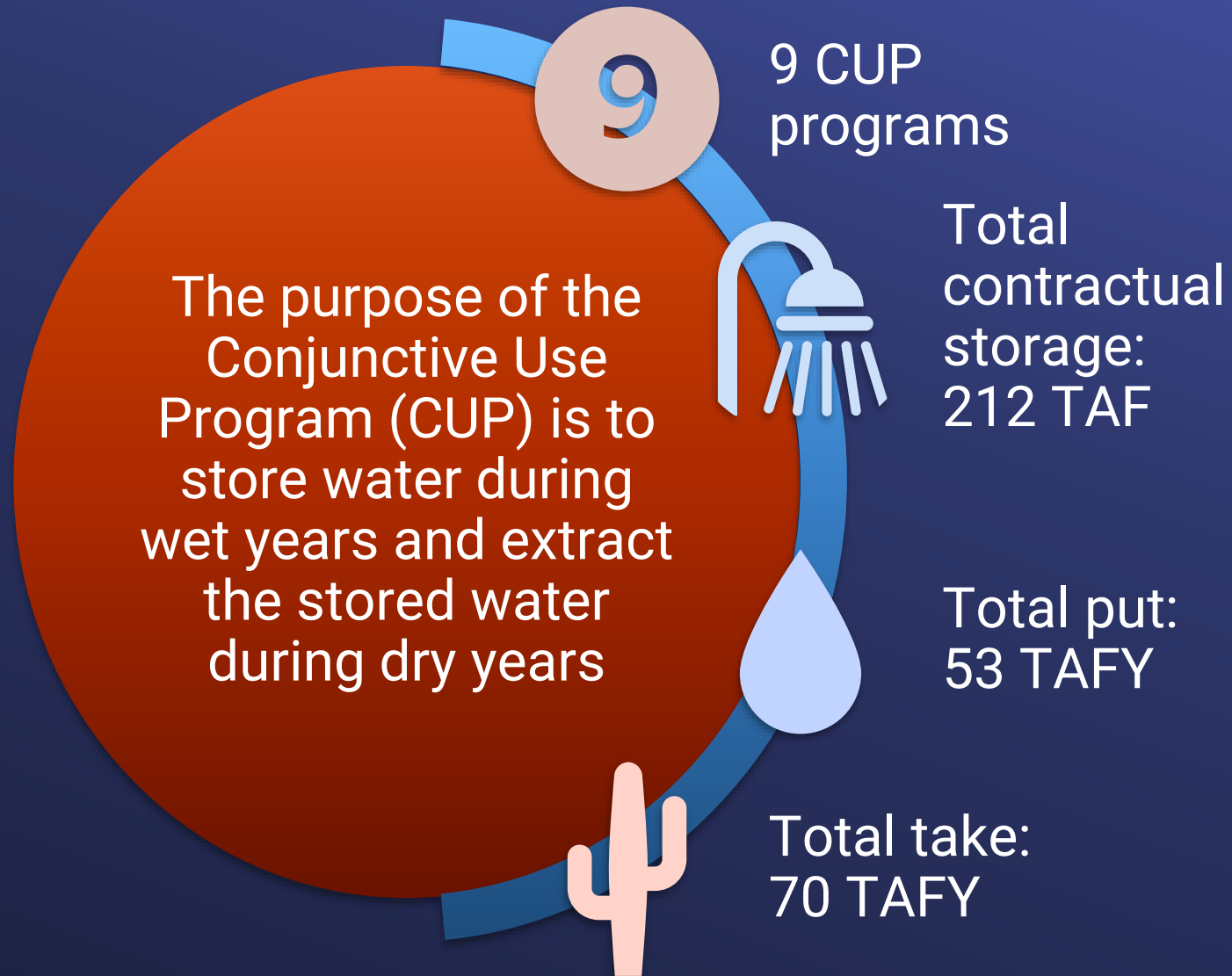
#### Purpose

Request Board approval to terminate inactive Conjunctive Use Program agreements

#### Next Steps

Execute Conjunctive Use Program termination agreements with member agencies

# Overview



# History of Conjunctive Use Program (CUP)

## Approval

- Board adopted principles for CUP Program in 2000
- Voters approve Proposition 13 (Prop 13) in 2000
- Metropolitan releases RFQ for proposed CUP programs

## Agreements & Funding

- 9 CUP agreements are executed from 2002-2006
- 25-year term
- \$45 million from the Department of Water Resources (DWR) from Prop 13
- \$27 million from Metropolitan

## Ongoing Operations

- 350,000 acre-feet has been stored in CUP program since 2002
- 266,000 acre-feet of dry-year yield that has benefited Metropolitan during drought and emergencies.

# Conjunctive Use Programs Proposed for Termination

- Compton
- Foothill Area
- Live Oak
- Long Beach Phase 1
- Long Beach Phase 2 (Lakewood)
- Orange County



# Need for Termination Agreements

- The six CUP programs identified for termination have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes.
- Metropolitan and the six CUP program participants have mutually agreed to early termination.
- The original agreements do not include Metropolitan's standard termination language, which allows either party to terminate early upon written notice. Therefore, a new termination agreement is needed.

# Terms of Termination


Metropolitan and the six participating CUP programs will enter into individual mutual agreements.



Termination of the six agreements will be effective June 30, 2025.



The member agencies would not be required to pay back any funds received from Metropolitan during the term of the agreement.



If water is remaining in the CUP account, a lump-sum sale of the amount remaining in the account would occur on June 30, 2025, plus a share of the projected cost to extract the stored water.

# Benefits of Termination to Metropolitan in this Biennium



## Cost savings

- \$2.1 million
- Savings of future annual administrative fees
- Cost share of future O&M and power credits

## Additional Revenue

- \$9.3 million
- Sale of remaining water in Long Beach CUP account (6,678 AF) in this biennium

# Options

- Option 1 - Authorize the General Manager to terminate the following Conjunctive Use Program agreements.
  - Compton
  - Foothill Area
  - Live Oak
  - Long Beach Phase 1
  - Long Beach Phase 2 (Lakewood)
  - Orange County
- Option 2 - Do not authorize the General Manager to terminate the CUP agreements, which would allow the CUP agreements to terminate on their current schedule.

# Staff Recommendation

- Option 1





- **Board of Directors**  
***One Water and Adaptation Committee***

4/8/2025 Board Meeting

7-13

## Subject

Authorize the General Manager to terminate the Live Oak Basin Conjunctive Use Program Agreement; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

Staff recommends that the General Manager be authorized to enter into agreements to terminate six inactive Conjunctive Use Program (CUP) agreements. The six inactive agreements include Compton, Foothill Area, Live Oak Basin, Long Beach, Long Beach Expansion into Lakewood, and Orange County CUPs. The six programs have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes. Staff has coordinated with the member agencies involved with the listed projects, and the consensus of both member agencies and staff is to terminate the agreements.

The subject of this board action is to terminate the Live Oak CUP agreement with the Three Valleys Municipal Water District. Termination of the Live Oak CUP agreement will reduce Metropolitan costs in the current biennium by approximately \$4,000 and \$4,000 in future years due to the elimination of administrative fee payments that would be made by Metropolitan if the agreement remains in effect. A summary of the CUP programs is provided in **Attachment 1**.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Authorize the General Manager to terminate the Live Oak Basin Conjunctive Use Program Agreement.

**Fiscal Impact:** Terminating the agreement would relieve Metropolitan of administrative fees and result in a reduction of budgeted Supply Program costs of \$4,000 in FY2025/26 and a total reduction of \$8,000 through the term of the existing agreement.

**Business Analysis:** This action will reduce Metropolitan costs in the current biennium by approximately \$4,000 and \$4,000 in future years due to the elimination of administrative fee payments that would have been made by Metropolitan if the agreements had remained in effect.

#### Option #2

Do not authorize the General Manager to terminate the Live Oak CUP agreement, which would allow the Live Oak CUP agreement to terminate on its current schedule.

**Fiscal Impact:** Cost savings or increased revenue in this biennium will not be achieved.

**Business Analysis:** Not terminating now will leave this agreement on its original schedule, and no cost savings or increased revenue will be realized in this biennium. Revenue generation would be deferred to 2027.



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**Applicable Policy**

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Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

Metropolitan Water District Administrative Code Section 4209: Contracts

Metropolitan Water District Administrative Code Section 4507: Billing and Payment of Water Deliveries

By Minute Item 43514, dated April 13, 1999, the Board adopted the Water Surplus and Drought Management Plan

By Minute Item 43860, dated Jan. 11, 2000, the Board approved strategies for implementing Groundwater Storage Programs within Metropolitan's service area.

By Minute Item 44210, dated Oct. 17, 2000, the Board adopted Resolution 8706 to accept the grant for funds from Proposition 13.

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**Related Board Action(s)/Future Action(s)**

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By Minute Item 44427, dated April 10, 2001, the Board gave authority to finalize agreement terms for Groundwater Conjunctive Use Projects using Proposition 13 funds.

By Minute Item 44871, dated May 14, 2002, the Board approved the Long Beach CUP.

By Minute Item 45035, dated October 8, 2002, the Board approved the Live Oak Basin CUP.

By Minute Item 45205, dated February 11, 2003, the Board approved the Foothill Area CUP.

Board Report dated May 11, 2004, reporting on the selection of Groundwater Storage Programs using remaining Proposition 13 funds.

By Minute Item 46073, dated January 11, 2005, the Board approved the Compton CUP.

By Minute Item 46301, dated July 12, 2005, the Board approved the Long Beach CUP Phase 2 expansion into Lakewood.

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**Summary of Outreach Completed**

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Presented to Member Agency Managers Meeting on February 11, 2025

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**California Environmental Quality Act (CEQA)**

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**CEQA determination for Option #1:**

The proposed action is not defined as a project under CEQA because it will not result in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment. (State CEQA Guidelines Section 15378(a)).

**CEQA determination for Option #2:**

None required

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**Details and Background**

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**Background**

The purpose of the CUP program is to store water during wet years and extract the stored water during dry years upon a call by Metropolitan. Since 2002, more than 350,000 acre-feet has been stored in the nine CUP programs. Also, the CUP program has generated a total of about 266,000 acre-feet of yield that has benefited Metropolitan during drought and emergencies.

Metropolitan seeks ways to streamline the current program and identify measures to reduce costs and generate revenue in the CUP program. To achieve this goal, Metropolitan proposes to terminate six inactive CUP programs

during this fiscal year to reduce future administrative and reimbursement costs and to generate revenue. This proposed action would terminate the Live Oak CUP agreement.

### **History of the CUP Program**

The 1996 Integrated Resources Plan (IRP) identified groundwater storage as an important part of Metropolitan's future water resource mix. The IRP also identified that the remaining need for long-term storage is 450,000 acre-feet, with 150,000 acre-feet per year of dry-year production.

In January 2000 (Board Item 9-5), the Board approved a hybrid framework for the development of in-region dry-year CUP. This hybrid framework for CUP included two components:

- **A case-by-case approach** where member agencies could submit proposals to Metropolitan based upon their needs and expected benefits, or Metropolitan may approach a member agency based upon an assessment of potential regional benefits; and
- **A request for proposal (RFP) approach** where member agencies would submit proposals that would be competitively ranked against specific criteria. This approach tries to standardize all Groundwater Storage Programs; however, experience has shown that not all local groundwater programs are alike. Local issues such as water quality, basin adjudication or management, and local and regional benefits are all unique, making it difficult to rank projects using specific criteria.

In January 2000, the Board also established principles for the development of conjunctive use in the service area. These principles are summarized in **Attachment 1**.

In March 2000, 65 percent of California voters approved Proposition 13 (Prop. 13), authorizing the state of California to sell \$1.97 billion in general obligation bonds for water-related projects throughout the state. In May 2020, the Governor's Annual Budget Act appropriated to the Department of Water Resources local assistance grant funds from Prop 13. From these funds, the state allocated \$45 million to Metropolitan to help finance Southern state Water Reliability Projects targeting conjunctive use projects within the Metropolitan's service area.

In November 2000, Metropolitan released an RFP for the CUP Program. Nine CUP programs were selected and approved by the Board and received funding from Prop 13 in the amount of \$45 million and Metropolitan in the amount of \$27 million. These CUP programs included: the Chino Basin, Compton, Elsinore, Foothill Area, Live Oak, Long Beach, Long Beach Expansion into Lakewood, Orange County, and Upper Claremont CUPs. Each CUP agreement has a term of 25 years with termination between 2027 and 2031, depending upon when the agreement was executed. Each agreement also includes provisions for capital facilities needed to perform for the program. Program facilities included treatment facilities, new wells, conveyance systems, and recharge facilities. The final disbursement of the Prop 13 and Metropolitan funding for the completion of all funded CUP facilities was achieved in May 2009.

The total storage of the CUP programs is 211,889 acre-feet with a dry-year yield of 70,296 acre-feet per year. The current balance in the CUP program is 83,607 acre-feet. Storage amounts for all the CUP programs are shown in **Attachment 1**.

### **Need for Action**

Six CUP programs have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes. Over time, Metropolitan has developed alternative approaches and programs for coordinated groundwater storage management that can continue to provide regional benefits that have previously come from these inactive CUP programs. Metropolitan has discussed the termination of these programs with the affected member agencies. As a result of these discussions, the program partners have expressed interest in terminating their programs early. The six inactive agreements include Compton, Foothill Area, Live Oak Basin, Long Beach, Long Beach Expansion into Lakewood, and Orange County CUPs. This action would terminate the Live Oak CUP agreement. Without this action, the Live Oak CUP agreement would terminate on October 21, 2027. Regional dry-year storage levels are currently at a record high of 3.8 million acre-feet. The proposed action is not likely to significantly impact the availability of dry-year supplies.

Further, termination of the inactive programs does not impact the requirements of the Prop 13 funding received and disbursed to the participating agencies for the development of the programs.

### **Proposed Action and General Terms**

Staff recommends that the Board authorize the General Manager to enter into agreements to terminate six inactive CUP agreements. New agreements are currently required to allow for termination of the existing agreements. The existing CUP agreements do not include standard termination language, which would have allowed the parties to initiate early terminations upon written notice.

### **General Terms**

The following conditions will apply to the agreements:

- Metropolitan and the six participating member agencies will enter into individual agreements.
- Termination of the Live Oak CUP agreement will be effective by June 30, 2025.
- The participating member agency would not be required to pay back any funds received from Metropolitan during the term of the agreement.
- No money would be due upon termination by either party unless there is water remaining in a CUP account.
- No water is remaining in the Live Oak CUP account. Therefore, no reimbursement for extraction costs will be required.

### ***Project Milestone***

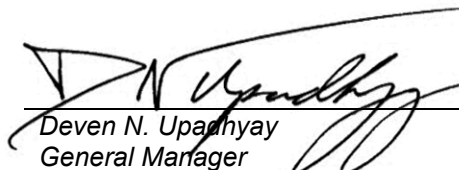
Termination of the Live Oak CUP will be effective June 30, 2025.



Brandon J. Goshi  
Interim Manager,  
Water Resource Management

3/24/2025

Date



Deven N. Upadhyay  
General Manager

3/24/2025

Date

### **Attachment 1 – Summary of Conjunctive Use Programs**

Ref# wrm12701210

### Summary of Conjunctive Use Programs

<b>Program</b>	<b>Current Balance (AF)</b>	<b>Start Date</b>	<b>Original Termination Date</b>	<b>Active or Inactive</b>	<b>Proposed Termination Date</b>
<b>Chino</b>	63,838	2003	2028	Active	—
<b>Compton</b>	0	2005	2030	Inactive	2025
<b>Elsinore</b>	11,891	2006	2031	Active	—
<b>Foothill Area</b>	0	2003	2028	Inactive	2025
<b>Live Oak</b>	0	2002	2027	Inactive	2025
<b>Long Beach Phase 1</b>	6,678	2002	2027	Inactive	2025
<b>Long Beach Phase 2 (Lakewood)</b>	0	2005	2030	Inactive	2025
<b>Orange County</b>	0	2003	2028	Inactive	2025
<b>Upper Claremont</b>	1,200	2005	2030	Active	—
<b>Total</b>	<b>83,607</b>	—	—	—	—



One Water and Adaptation Committee

# Authorize the General Manager to Terminate Conjunctive Use Program Agreements

Items 7-12, 7-13, 7-14, 7-15, 7-16, and 7-17

April 7, 2025

## Items 7-12 through 7-17

### Termination of Six CUP Agreements

#### Subject

Authorize the General Manager to terminate Conjunctive Use Program agreements; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA.

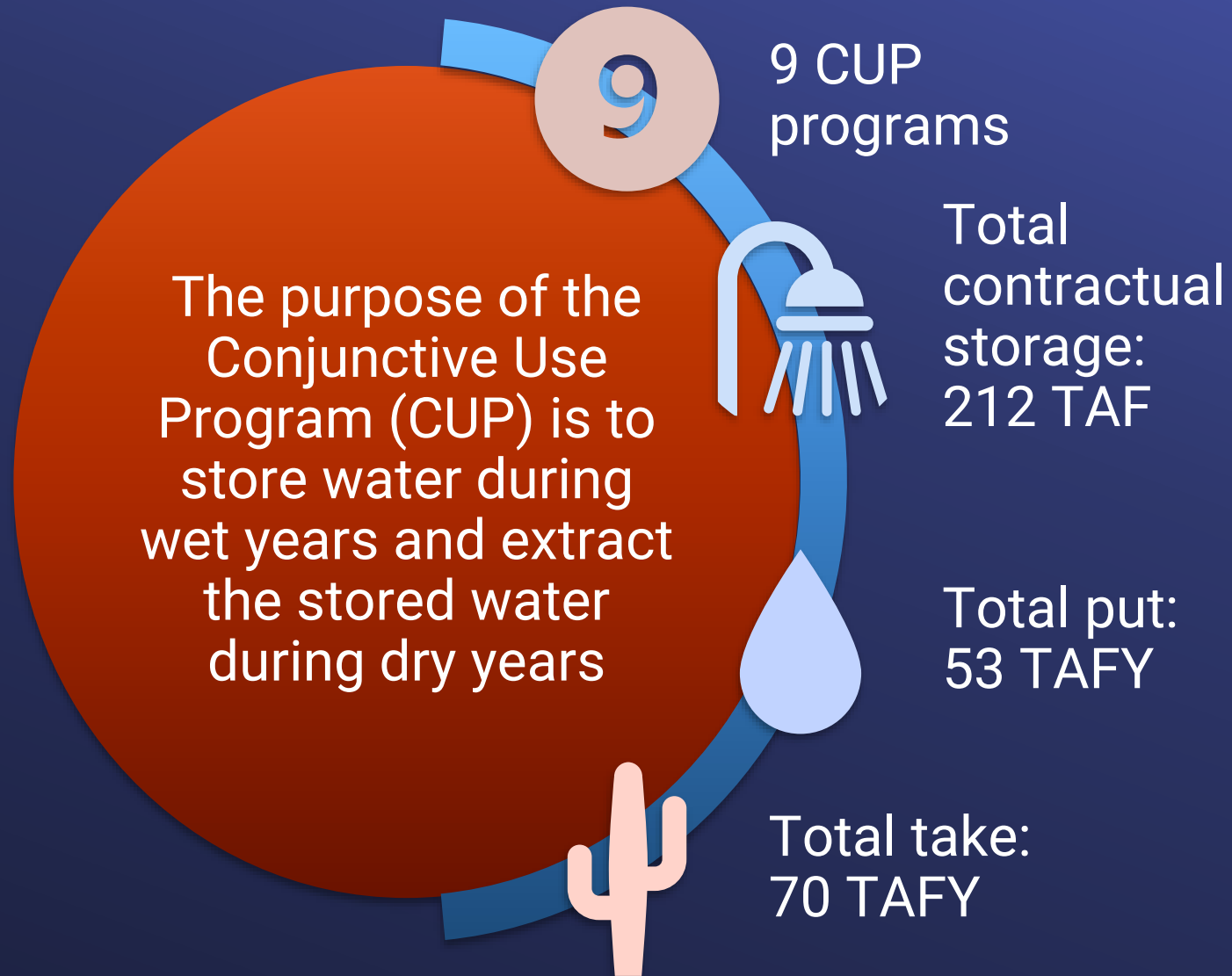
#### Purpose

Request Board approval to terminate inactive Conjunctive Use Program agreements

#### Next Steps

Execute Conjunctive Use Program termination agreements with member agencies

# Overview





# History of Conjunctive Use Program (CUP)

## Approval

- Board adopted principles for CUP Program in 2000
- Voters approve Proposition 13 (Prop 13) in 2000
- Metropolitan releases RFQ for proposed CUP programs

## Agreements & Funding

- 9 CUP agreements are executed from 2002-2006
- 25-year term
- \$45 million from the Department of Water Resources (DWR) from Prop 13
- \$27 million from Metropolitan

## Ongoing Operations

- 350,000 acre-feet has been stored in CUP program since 2002
- 266,000 acre-feet of dry-year yield that has benefited Metropolitan during drought and emergencies.

# Conjunctive Use Programs Proposed for Termination

- Compton
- Foothill Area
- Live Oak
- Long Beach Phase 1
- Long Beach Phase 2 (Lakewood)
- Orange County

# Need for Termination Agreements

- The six CUP programs identified for termination have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes.
- Metropolitan and the six CUP program participants have mutually agreed to early termination.
- The original agreements do not include Metropolitan's standard termination language, which allows either party to terminate early upon written notice. Therefore, a new termination agreement is needed.

# Terms of Termination


Metropolitan and the six participating CUP programs will enter into individual mutual agreements.



Termination of the six agreements will be effective June 30, 2025.

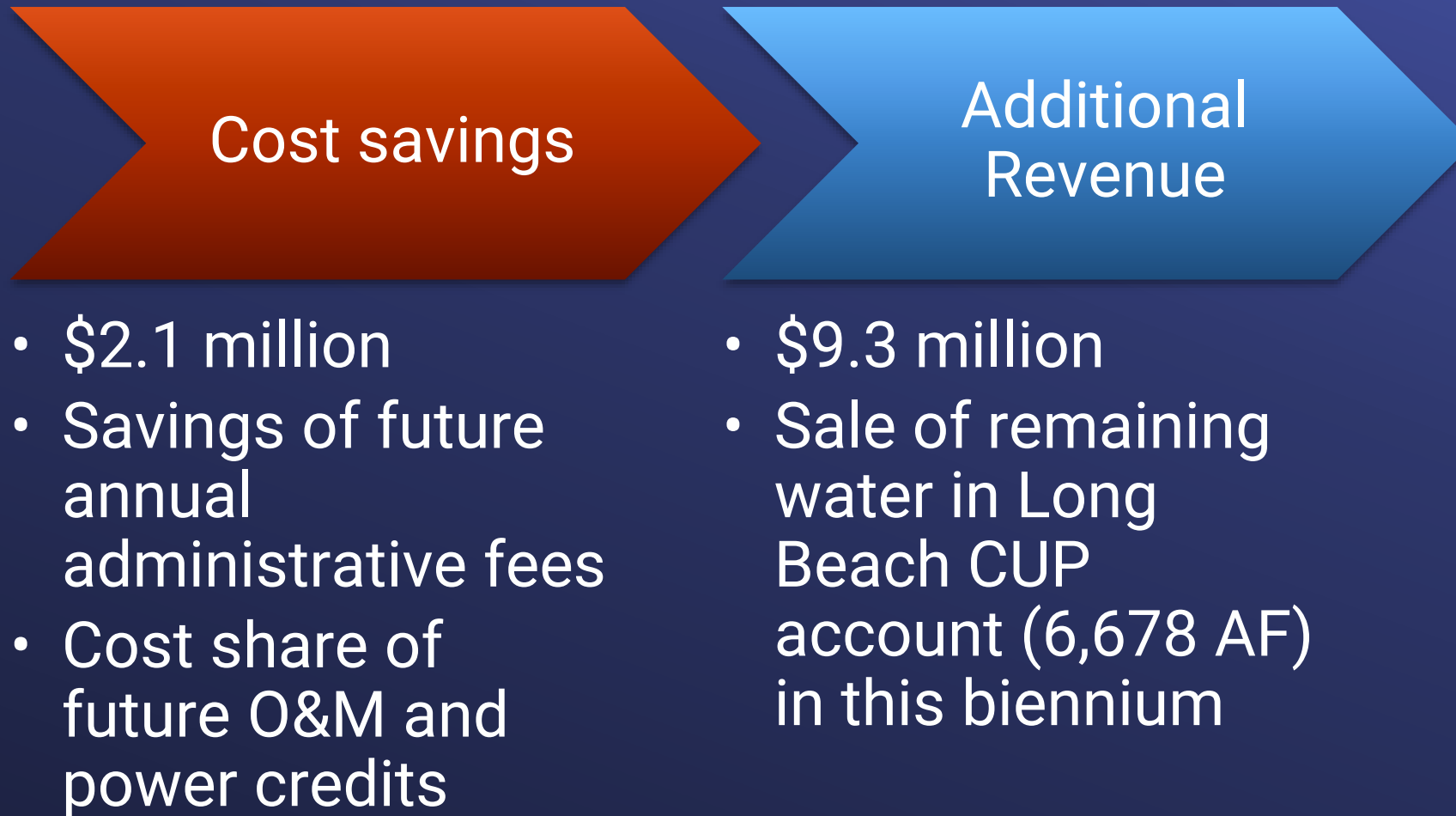


The member agencies would not be required to pay back any funds received from Metropolitan during the term of the agreement.



If water is remaining in the CUP account, a lump-sum sale of the amount remaining in the account would occur on June 30, 2025, plus a share of the projected cost to extract the stored water.

# Benefits of Termination to Metropolitan in this Biennium



# Options

- Option 1 - Authorize the General Manager to terminate the following Conjunctive Use Program agreements.
  - Compton
  - Foothill Area
  - Live Oak
  - Long Beach Phase 1
  - Long Beach Phase 2 (Lakewood)
  - Orange County
- Option 2 - Do not authorize the General Manager to terminate the CUP agreements, which would allow the CUP agreements to terminate on their current schedule.

# Staff Recommendation

- Option 1







- **Board of Directors**  
***One Water and Adaptation Committee***

4/8/2025 Board Meeting

7-14

## Subject

Authorize the General Manager to terminate the Long Beach Conjunctive Use Program Agreement; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

Staff recommends that the General Manager be authorized to enter into agreements to terminate six inactive Conjunctive Use Program (CUP) agreements. The six inactive agreements include Compton, Foothill Area, Live Oak Basin, Long Beach, Long Beach Expansion into Lakewood, and Orange County CUPs. The six programs have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes. Staff has coordinated with the member agencies involved with the listed projects, and the consensus of both member agencies and staff is to terminate the agreements.

The subject of this board action is to terminate the Long Beach CUP agreement. Termination of the Long Beach CUP agreement will reduce Metropolitan costs in the current biennium by approximately \$26,000 and \$27,000 in future years due to the elimination of administrative fee payments, and approximately \$1.6 million in avoided costs related to the sharing of extraction costs that would otherwise be made by Metropolitan to Long Beach if the agreement were to remain in effect. This action will also result in \$9.3 million in additional revenue from the sale of the remaining water to Long Beach in the current biennium. A summary of the CUP programs is provided in **Attachment 1**.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Authorize the General Manager to terminate the Long Beach Conjunctive Use Program Agreement.

**Fiscal Impact:** Terminating the agreement would relieve Metropolitan of administrative fees and result in a reduction of budgeted Supply Program costs of \$26,409 in FY2024/25 and \$53,478 through the term of the existing agreement. In addition, the cost-sharing agreement for financial credits offsetting O&M and power costs will result in a total reduction of \$1.6 million in expected expenditures from the Supply Program budget.

**Business Analysis:** This action will reduce Metropolitan costs in the current biennium by approximately \$1.7 due to the elimination of administrative fee payments and share of the extraction credits that would have been made by Metropolitan if the agreements had remained in effect. In addition, Metropolitan would generate an additional \$9.3 million in revenue due to the sale of the 6,678 acre-feet remaining in the account.

#### Option #2

Do not authorize the General Manager to terminate the Long Beach CUP agreement, which would allow the Long Beach CUP agreement to terminate on its current schedule.

**Fiscal Impact:** Cost savings or increased revenue in this biennium will not be achieved.

**Business Analysis:** Not terminating now will leave this agreement on its original schedule, and no cost savings or increased revenue will be realized in this biennium. Revenue generation would be deferred to 2027.

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## **Applicable Policy**

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

Metropolitan Water District Administrative Code Section 4209: Contracts

Metropolitan Water District Administrative Code Section 4507: Billing and Payment of Water Deliveries

By Minute Item 43514, dated April 13, 1999, the Board adopted the Water Surplus and Drought Management Plan

By Minute Item 43860, dated Jan. 11, 2000, the Board approved strategies for implementing Groundwater Storage Programs within Metropolitan's service area.

By Minute Item 44210, dated Oct. 17, 2000, the Board adopted Resolution 8706 to accept the grant for funds from Proposition 13.

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## **Related Board Action(s)/Future Action(s)**

By Minute Item 44427, dated April 10, 2001, the Board gave authority to finalize agreement terms for Groundwater Conjunctive Use Projects using Proposition 13 funds.

By Minute Item 44871, dated May 14, 2002, the Board approved the Long Beach CUP.

By Minute Item 45035, dated October 8, 2002, the Board approved the Live Oak Basin CUP.

By Minute Item 45205, dated February 11, 2003, the Board approved the Foothill Area CUP.

Board Report dated May 11, 2004, reporting on the selection of Groundwater Storage Programs using remaining Proposition 13 funds.

By Minute Item 46073, dated January 11, 2005, the Board approved the Compton CUP.

By Minute Item 46301, dated July 12, 2005, the Board approved the Long Beach CUP Phase 2 expansion into Lakewood.

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## **Summary of Outreach Completed**

Presented to Member Agency Managers Meeting on February 11, 2025

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## **California Environmental Quality Act (CEQA)**

### **CEQA determination for Option #1:**

The proposed action is not defined as a project under CEQA because it will not result in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment. (State CEQA Guidelines Section 15378(a)).

### **CEQA determination for Option #2:**

None required

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## **Details and Background**

### **Background**

The purpose of the CUP program is to store water during wet years and extract the stored water during dry years upon a call by Metropolitan. Since 2002, more than 350,000 acre-feet has been stored in the nine CUP programs. Also, the CUP program has generated a total of about 266,000 acre-feet of yield that has benefited Metropolitan during drought and emergencies.

Metropolitan seeks ways to streamline the current program and identify measures to reduce costs and generate revenue in the CUP program. To achieve this goal, Metropolitan proposes to terminate six inactive CUP programs during this fiscal year to reduce future administrative and reimbursement costs and to generate revenue. This proposed action would terminate the Long Beach CUP.

### **History of the CUP Program**

The 1996 Integrated Resources Plan (IRP) identified groundwater storage as an important part of Metropolitan's future water resource mix. The IRP also identified that the remaining need for long-term storage is 450,000 acre-feet, with 150,000 acre-feet per year of dry-year production.

In January 2000 (Board Item 9-5), the Board approved a hybrid framework for the development of in-region dry-year CUP. This hybrid framework for CUP included two components:

- **A case-by-case approach** where member agencies could submit proposals to Metropolitan based upon their needs and expected benefits, or Metropolitan may approach a member agency based upon an assessment of potential regional benefits; and
- **A request for proposal (RFP) approach** where member agencies would submit proposals that would be competitively ranked against specific criteria. This approach tries to standardize all Groundwater Storage Programs; however, experience has shown that not all local groundwater programs are alike. Local issues such as water quality, basin adjudication or management, and local and regional benefits are all unique, making it difficult to rank projects using specific criteria.

In January 2000, the Board also established principles for the development of conjunctive use in the service area. These principles are summarized in **Attachment 1**.

In March 2000, 65 percent of California voters approved Proposition 13 (Prop. 13), authorizing the state of California to sell \$1.97 billion in general obligation bonds for water-related projects throughout the state. In May 2020, the Governor's Annual Budget Act appropriated to the Department of Water Resources local assistance grant funds from Prop 13. From these funds, the state allocated \$45 million to Metropolitan to help finance Southern state Water Reliability Projects targeting conjunctive use projects within the Metropolitan's service area.

In November 2000, Metropolitan released an RFP for the CUP Program. Nine CUP programs were selected and approved by the Board and received funding from Prop 13 in the amount of \$45 million and Metropolitan in the amount of \$27 million. These CUP programs included: the Chino Basin, Compton, Elsinore, Foothill Area, Live Oak, Long Beach, Long Beach Expansion into Lakewood, Orange County, and Upper Claremont CUPs. Each CUP agreement has a term of 25 years with termination between 2027 and 2031, depending upon when the agreement was executed. Without this action, the Long Beach CUP agreement will terminate on June 30, 2027. Each agreement also includes provisions for capital facilities needed to perform for the program. Program facilities included treatment facilities, new wells, conveyance systems, and recharge facilities. The final disbursement of the Prop 13 and Metropolitan funding for the completion of all funded CUP facilities was achieved in May 2009.

The total storage of the CUP programs is 211,889 acre-feet with a dry-year yield of 70,296 acre-feet per year. The current balance in the CUP program is 83,607 acre-feet. Storage amounts for all the CUP programs are shown in **Attachment 1**.

### **Need for Action**

Six CUP programs have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes. Over time, Metropolitan has developed alternative approaches and programs for coordinated groundwater storage management that can continue to provide regional benefits that have previously come from these inactive CUP programs. Metropolitan has discussed the termination of these programs with the affected member agencies. As a result of these discussions, the program partners have expressed interest in terminating their programs early. The six inactive agreements include Compton, Foothill Area, Live Oak Basin, Long Beach, Long Beach Expansion into Lakewood, and Orange County CUPs. This

action would terminate the Long Beach CUP agreement. Regional dry-year storage levels are currently at a record high of 3.8 million acre-feet. The proposed action is not likely to significantly impact the availability of dry-year supplies. Further, termination of the inactive programs does not impact the requirements of the Prop 13 funding received and disbursed to the participating agencies for the development of the programs.

### **Proposed Action and General Terms**

Staff recommends that the Board authorize the General Manager to enter into agreements to terminate six inactive CUP agreements. New agreements are currently required to allow for termination of the existing agreements. The existing CUP agreements do not include standard termination language, which would have allowed the parties to initiate early terminations upon written notice.


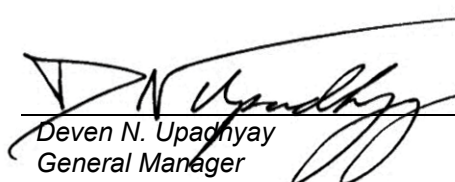
### **General Terms**

The following conditions will apply to the agreements:

- Metropolitan and the six participating member agencies will enter into individual agreements.
- Termination of the Long Beach CUP agreement will be effective by June 30, 2025.
- The participating member agency would not be required to pay back any funds received from Metropolitan during the term of the agreement.
- No money would be due upon termination by either party unless there is water remaining in a CUP account.
- If water is remaining in the CUP account, a lump-sum sale of the amount remaining in the account at the full-service rate would occur on June 30, 2025, with Metropolitan providing a share of the projected cost to extract the stored water. The Long Beach CUP currently has a balance of 6,678 acre-feet. The City of Long Beach would purchase the full 6,678 acre-feet at the full-service treated water rate. Metropolitan would agree to share the operations and maintenance, and power credits with the City of Long Beach for producing the 6,678 acre-feet of water remaining in the Long Beach account.

### ***Project Milestone***

Termination of the Long Beach CUP will be effective June 30, 2025.

 _____ Brandon J. Goshi Interim Manager, Water Resource Management	3/24/2025 _____ Date
 _____ Deven N. Upadhyay General Manager	3/24/2025 _____ Date

### **Attachment 1 – Summary of Conjunctive Use Programs**

Ref# wrm12700431

**Summary of Conjunctive Use Programs**

<b>Program</b>	<b>Current Balance (AF)</b>	<b>Start Date</b>	<b>Original Termination Date</b>	<b>Active or Inactive</b>	<b>Proposed Termination Date</b>
<b>Chino</b>	63,838	2003	2028	Active	—
<b>Compton</b>	0	2005	2030	Inactive	2025
<b>Elsinore</b>	11,891	2006	2031	Active	—
<b>Foothill Area</b>	0	2003	2028	Inactive	2025
<b>Live Oak</b>	0	2002	2027	Inactive	2025
<b>Long Beach Phase 1</b>	6,678	2002	2027	Inactive	2025
<b>Long Beach Phase 2 (Lakewood)</b>	0	2005	2030	Inactive	2025
<b>Orange County</b>	0	2003	2028	Inactive	2025
<b>Upper Claremont</b>	1,200	2005	2030	Active	—
<b>Total</b>	<b>83,607</b>	—	—	—	—



One Water and Adaptation Committee

# Authorize the General Manager to Terminate Conjunctive Use Program Agreements

Items 7-12, 7-13, 7-14, 7-15, 7-16, and 7-17

April 7, 2025



## Items 7-12 through 7-17

### Termination of Six CUP Agreements

#### Subject

Authorize the General Manager to terminate Conjunctive Use Program agreements; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA.

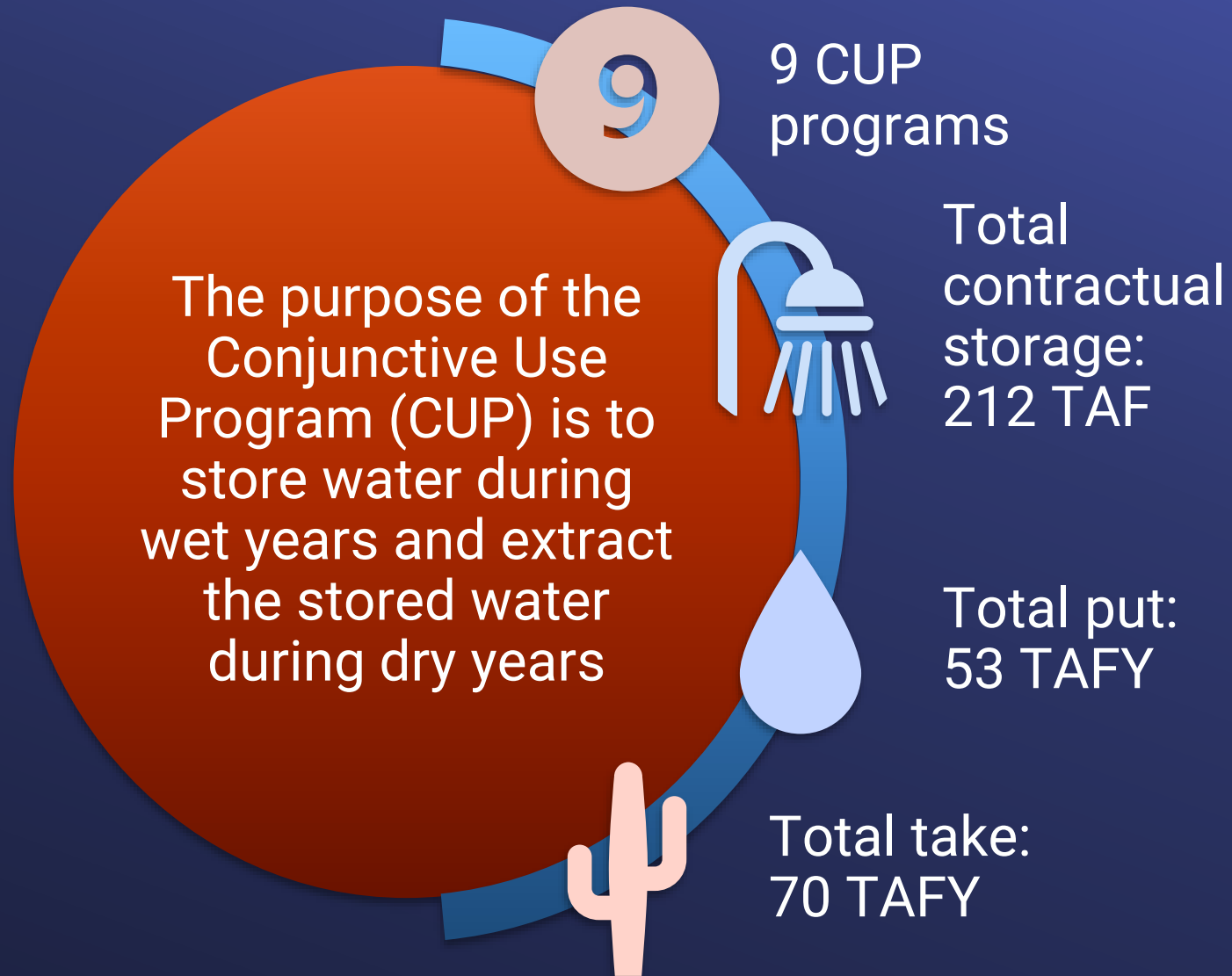
#### Purpose

Request Board approval to terminate inactive Conjunctive Use Program agreements

#### Next Steps

Execute Conjunctive Use Program termination agreements with member agencies

# Overview



# History of Conjunctive Use Program (CUP)

## Approval

- Board adopted principles for CUP Program in 2000
- Voters approve Proposition 13 (Prop 13) in 2000
- Metropolitan releases RFQ for proposed CUP programs

## Agreements & Funding

- 9 CUP agreements are executed from 2002-2006
- 25-year term
- \$45 million from the Department of Water Resources (DWR) from Prop 13
- \$27 million from Metropolitan

## Ongoing Operations

- 350,000 acre-feet has been stored in CUP program since 2002
- 266,000 acre-feet of dry-year yield that has benefited Metropolitan during drought and emergencies.

# Conjunctive Use Programs Proposed for Termination

- Compton
- Foothill Area
- Live Oak
- Long Beach Phase 1
- Long Beach Phase 2 (Lakewood)
- Orange County

# Need for Termination Agreements

- The six CUP programs identified for termination have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes.
- Metropolitan and the six CUP program participants have mutually agreed to early termination.
- The original agreements do not include Metropolitan's standard termination language, which allows either party to terminate early upon written notice. Therefore, a new termination agreement is needed.

# Terms of Termination


Metropolitan and the six participating CUP programs will enter into individual mutual agreements.



Termination of the six agreements will be effective June 30, 2025.



The member agencies would not be required to pay back any funds received from Metropolitan during the term of the agreement.



If water is remaining in the CUP account, a lump-sum sale of the amount remaining in the account would occur on June 30, 2025, plus a share of the projected cost to extract the stored water.

# Benefits of Termination to Metropolitan in this Biennium



## Cost savings

- \$2.1 million
- Savings of future annual administrative fees
- Cost share of future O&M and power credits

## Additional Revenue

- \$9.3 million
- Sale of remaining water in Long Beach CUP account (6,678 AF) in this biennium



# Options

- Option 1 - Authorize the General Manager to terminate the following Conjunctive Use Program agreements.
  - Compton
  - Foothill Area
  - Live Oak
  - Long Beach Phase 1
  - Long Beach Phase 2 (Lakewood)
  - Orange County
- Option 2 - Do not authorize the General Manager to terminate the CUP agreements, which would allow the CUP agreements to terminate on their current schedule.

# Staff Recommendation

- Option 1





- **Board of Directors**  
***One Water and Adaptation Committee***

4/8/2025 Board Meeting

7-15

## Subject

Authorize the General Manager to terminate the Long Beach Expansion into Lakewood Conjunctive Use Program Agreement; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

Staff recommends that the General Manager be authorized to enter into agreements to terminate six inactive Conjunctive Use Program (CUP) agreements. The six inactive agreements include Compton, Foothill Area, Live Oak Basin, Long Beach, Long Beach Expansion into Lakewood, and Orange County CUPs. The six programs have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes. Staff has coordinated with the member agencies involved with the listed projects, and the consensus of both member agencies and staff is to terminate the agreements.

The subject of this board action is to terminate the Long Beach Expansion into the Lakewood CUP agreement. Termination of the Long Beach Expansion into Lakewood CUP agreement will reduce Metropolitan costs in the current biennium by approximately \$6,000 and \$7,000 in future years due to the elimination of administrative fee payments that would be made by Metropolitan if the agreement remains in effect. A summary of the CUP programs is provided in **Attachment 1**.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Authorize the General Manager to terminate the Long Beach Expansion into the Lakewood Conjunctive Use Program Agreement.

**Fiscal Impact:** Terminating the agreement would relieve Metropolitan of administrative fees and result in a reduction of budgeted Supply Program costs of \$6,119 in FY 2025/26 and a total reduction of \$12,391 through the term of the existing agreement.

**Business Analysis:** This action will reduce Metropolitan costs in the current biennium by approximately \$6,000 and \$7,000 in future years due to the elimination of administrative fee payments that would have been made by Metropolitan if the agreement had remained in effect.

#### Option #2

Do not authorize the General Manager to terminate the Long Beach Extension into the Lakewood Conjunctive Use Program Agreement, which would allow the Long Beach-Lakewood CUP Agreement to terminate on its current schedule.

**Fiscal Impact:** Cost savings or increased revenue in this biennium will not be achieved.

**Business Analysis:** Not terminating now will leave this agreement on its original schedule, and no cost savings or increased revenue will be realized in this biennium. Revenue generation would be deferred to 2031.

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### **Applicable Policy**

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

Metropolitan Water District Administrative Code Section 4209: Contracts

Metropolitan Water District Administrative Code Section 4507: Billing and Payment of Water Deliveries

By Minute Item 43514, dated April 13, 1999, the Board adopted the Water Surplus and Drought Management Plan

By Minute Item 43860, dated Jan. 11, 2000, the Board approved strategies for implementing Groundwater Storage Programs within Metropolitan's service area.

By Minute Item 44210, dated Oct. 17, 2000, the Board adopted Resolution 8706 to accept the grant for funds from Proposition 13.

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### **Related Board Action(s)/Future Action(s)**

By Minute Item 44427, dated April 10, 2001, the Board gave authority to finalize agreement terms for Groundwater Conjunctive Use Projects using Proposition 13 funds.

By Minute Item 44871, dated May 14, 2002, the Board approved the Long Beach CUP.

By Minute Item 45035, dated October 8, 2002, the Board approved the Live Oak Basin CUP.

By Minute Item 45205, dated February 11, 2003, the Board approved the Foothill Area CUP.

Board Report dated May 11, 2004, reporting on the selection of Groundwater Storage Programs using remaining Proposition 13 funds.

By Minute Item 46073, dated January 11, 2005, the Board approved the Compton CUP.

By Minute Item 46301, dated July 12, 2005, the Board approved the Long Beach CUP Phase 2 expansion into Lakewood.

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### **Summary of Outreach Completed**

Presented to Member Agency Managers Meeting on February 11, 2025

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### **California Environmental Quality Act (CEQA)**

#### **CEQA determination for Option #1:**

The proposed action is not defined as a project under CEQA because it will not result in either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment. (State CEQA Guidelines Section 15378(a)).

#### **CEQA determination for Option #2:**

None required

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### **Details and Background**

#### **Background**

The purpose of the CUP program is to store water during wet years and extract the stored water during dry years upon a call by Metropolitan. Since 2002, more than 350,000 acre-feet has been stored in the nine CUP programs. Also, the CUP program has generated a total of about 266,000 acre-feet of yield that has benefited Metropolitan during drought and emergencies.

Metropolitan seeks ways to streamline the current program and identify measures to reduce costs and generate revenue in the CUP program. To achieve this goal, Metropolitan proposes to terminate six inactive CUP programs during this fiscal year to reduce future administrative and reimbursement costs and to generate revenue.

### **History of the CUP Program**

The 1996 Integrated Resources Plan (IRP) identified groundwater storage as an important part of Metropolitan's future water resource mix. The IRP also identified that the remaining need for long-term storage is 450,000 acre-feet, with 150,000 acre-feet per year of dry-year production.

In January 2000 (Board Item 9-5), the Board approved a hybrid framework for the development of in-region dry-year CUP. This hybrid framework for CUP included two components:

- **A case-by-case approach** where member agencies could submit proposals to Metropolitan based upon their needs and expected benefits, or Metropolitan may approach a member agency based upon an assessment of potential regional benefits; and
- **A request for proposal (RFP) approach** where member agencies would submit proposals that would be competitively ranked against specific criteria. This approach tries to standardize all Groundwater Storage Programs; however, experience has shown that not all local groundwater programs are alike. Local issues such as water quality, basin adjudication or management, and local and regional benefits are all unique, making it difficult to rank projects using specific criteria.

In January 2000, the Board also established principles for the development of conjunctive use in the service area. These principles are summarized in **Attachment 1**.

In March 2000, 65 percent of California voters approved Proposition 13 (Prop. 13), authorizing the state of California to sell \$1.97 billion in general obligation bonds for water-related projects throughout the state. In May 2020, the Governor's Annual Budget Act appropriated to the Department of Water Resources local assistance grant funds from Prop 13. From these funds, the state allocated \$45 million to Metropolitan to help finance Southern state Water Reliability Projects targeting conjunctive use projects within the Metropolitan's service area.

In November 2000, Metropolitan released an RFP for the CUP Program. Nine CUP programs were selected and approved by the Board and received funding from Prop 13 in the amount of \$45 million and Metropolitan in the amount of \$27 million. These CUP programs included: the Chino Basin, Compton, Elsinore, Foothill Area, Live Oak, Long Beach, Long Beach Expansion into Lakewood, Orange County, and Upper Claremont CUPs. Each CUP agreement has a term of 25 years with termination between 2027 and 2031, depending upon when the agreement was executed. Without this action, the Long Beach-Lakewood CUP agreement will terminate on April 10, 2031. Each agreement also includes provisions for capital facilities needed to perform for the program. Program facilities included treatment facilities, new wells, conveyance systems, and recharge facilities. The final disbursement of the Prop 13 and Metropolitan funding for the completion of all funded CUP facilities was achieved in May 2009.

The total storage of the CUP programs is 211,889 acre-feet with a dry-year yield of 70,296 acre-feet per year. The current balance in the CUP program is 83,607 acre-feet. Storage amounts for all the CUP programs are shown in **Attachment 1**.

### **Need for Action**

Six CUP programs have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes. Over time, Metropolitan has developed alternative approaches and programs for coordinated groundwater storage management that can continue to provide regional benefits that have previously come from these inactive CUP programs. Metropolitan has discussed the termination of these programs with the affected member agencies. As a result of these discussions, the program partners have expressed interest in terminating their programs early. The six inactive agreements include Compton, Foothill Area, Live Oak Basin, Long Beach, Long Beach-Lakewood, and Orange County CUPs. This action would terminate the Long Beach-Lakewood CUP agreement. Regional dry-year storage levels are currently

at a record high of 3.8 million acre-feet. The proposed action is not likely to significantly impact the availability of dry-year supplies. Further, termination of the inactive programs does not impact the requirements of the Prop 13 funding received and disbursed to the participating agencies for the development of the programs.

### **Proposed Action and General Terms**

Staff recommends that the Board authorize the General Manager to enter into agreements to terminate six inactive CUP agreements. This action would terminate the Long Beach-Lakewood CUP. New agreements are currently required to allow for the termination of the existing agreements. The existing CUP agreements do not include standard termination language, which would have allowed the parties to initiate early terminations upon written notice.


### **General Terms**

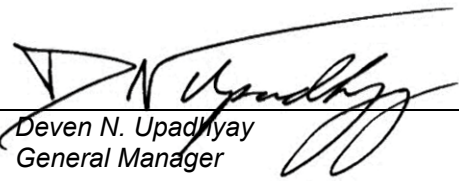
The following conditions will apply to the agreements:

- Metropolitan and the six participating member agencies will enter into individual agreements.
- Termination of the Long Beach-Lakewood CUP agreement will be effective by June 30, 2025.
- The participating member agency would not be required to pay back any funds received from Metropolitan during the term of the agreement.
- No money would be due upon termination by either party unless there is water remaining in a CUP account.
- Since there is no water remaining in the Long Beach-Lakewood CUP account, no money is due.

### ***Project Milestone***

Termination of the Long Beach CUP will be effective June 30, 2025.

  
\_\_\_\_\_  
Brandon J. Goshi  
Interim Manager,  
Water Resource Management  
3/24/2025  
Date

  
\_\_\_\_\_  
Deven N. Upadhyay  
General Manager  
3/24/2025  
Date

### **Attachment 1 – Summary of Conjunctive Use Programs**

Ref# wrm12708145



**Summary of Conjunctive Use Programs**

<b>Program</b>	<b>Current Balance (AF)</b>	<b>Start Date</b>	<b>Original Termination Date</b>	<b>Active or Inactive</b>	<b>Proposed Termination Date</b>
<b>Chino</b>	63,838	2003	2028	Active	—
<b>Compton</b>	0	2005	2030	Inactive	2025
<b>Elsinore</b>	11,891	2006	2031	Active	—
<b>Foothill Area</b>	0	2003	2028	Inactive	2025
<b>Live Oak</b>	0	2002	2027	Inactive	2025
<b>Long Beach Phase 1</b>	6,678	2002	2027	Inactive	2025
<b>Long Beach Phase 2 (Lakewood)</b>	0	2005	2030	Inactive	2025
<b>Orange County</b>	0	2003	2028	Inactive	2025
<b>Upper Claremont</b>	1,200	2005	2030	Active	—
<b>Total</b>	<b>83,607</b>	—	—	—	—



One Water and Adaptation Committee

# Authorize the General Manager to Terminate Conjunctive Use Program Agreements

Items 7-12, 7-13, 7-14, 7-15, 7-16, and 7-17

April 7, 2025

## Items 7-12 through 7-17

### Termination of Six CUP Agreements

#### Subject

Authorize the General Manager to terminate Conjunctive Use Program agreements; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA.

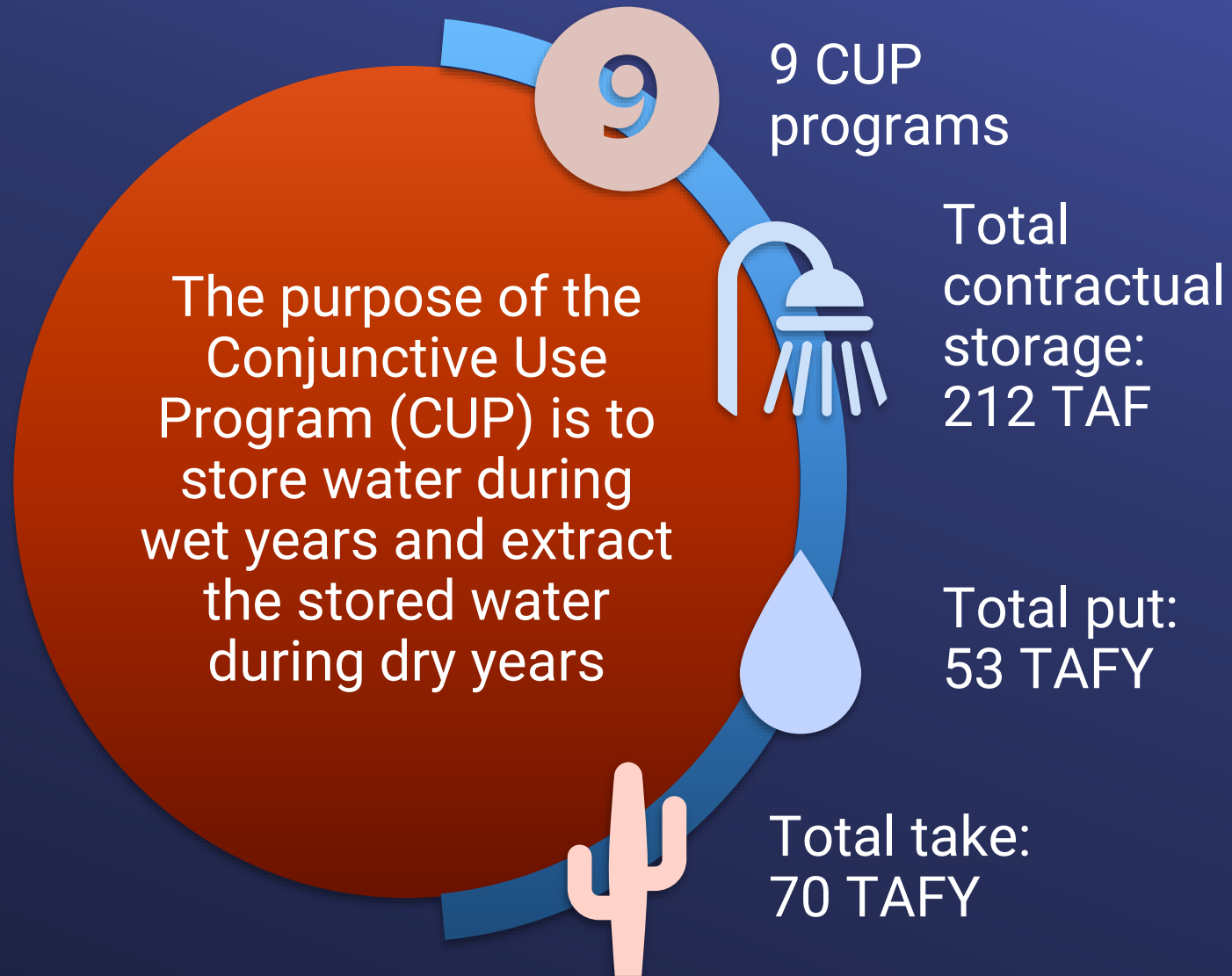
#### Purpose

Request Board approval to terminate inactive Conjunctive Use Program agreements

#### Next Steps

Execute Conjunctive Use Program termination agreements with member agencies

# Overview



# History of Conjunctive Use Program (CUP)

## Approval

- Board adopted principles for CUP Program in 2000
- Voters approve Proposition 13 (Prop 13) in 2000
- Metropolitan releases RFQ for proposed CUP programs

## Agreements & Funding

- 9 CUP agreements are executed from 2002-2006
- 25-year term
- \$45 million from the Department of Water Resources (DWR) from Prop 13
- \$27 million from Metropolitan

## Ongoing Operations

- 350,000 acre-feet has been stored in CUP program since 2002
- 266,000 acre-feet of dry-year yield that has benefited Metropolitan during drought and emergencies.

# Conjunctive Use Programs Proposed for Termination

- Compton
- Foothill Area
- Live Oak
- Long Beach Phase 1
- Long Beach Phase 2 (Lakewood)
- Orange County

# Need for Termination Agreements

- The six CUP programs identified for termination have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes.
- Metropolitan and the six CUP program participants have mutually agreed to early termination.
- The original agreements do not include Metropolitan's standard termination language, which allows either party to terminate early upon written notice. Therefore, a new termination agreement is needed.



# Terms of Termination


Metropolitan and the six participating CUP programs will enter into individual mutual agreements.



Termination of the six agreements will be effective June 30, 2025.



The member agencies would not be required to pay back any funds received from Metropolitan during the term of the agreement.



If water is remaining in the CUP account, a lump-sum sale of the amount remaining in the account would occur on June 30, 2025, plus a share of the projected cost to extract the stored water.

# Benefits of Termination to Metropolitan in this Biennium



## Cost savings

- \$2.1 million
- Savings of future annual administrative fees
- Cost share of future O&M and power credits

## Additional Revenue

- \$9.3 million
- Sale of remaining water in Long Beach CUP account (6,678 AF) in this biennium

# Options

- Option 1 - Authorize the General Manager to terminate the following Conjunctive Use Program agreements.
  - Compton
  - Foothill Area
  - Live Oak
  - Long Beach Phase 1
  - Long Beach Phase 2 (Lakewood)
  - Orange County
- Option 2 - Do not authorize the General Manager to terminate the CUP agreements, which would allow the CUP agreements to terminate on their current schedule.

# Staff Recommendation

- Option 1





- **Board of Directors**  
***One Water and Adaptation Committee (OWA)***

4/8/2025 Board Meeting

7-16

## Subject

Authorize the General Manager to terminate the Orange County Conjunctive Use Program Agreement; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

Staff recommends that the General Manager be authorized to enter into agreements to terminate six inactive Conjunctive Use Program (CUP) agreements. The six inactive agreements include Compton, Foothill Area, Live Oak Basin, Long Beach, Long Beach Expansion into Lakewood, and Orange County CUPs. The six programs have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes. Staff has coordinated with the member agencies involved with the listed projects, and the consensus of both member agencies and staff is to terminate the agreements.

The subject of this board action is to terminate the Orange County CUP agreement. Termination of the Orange County CUP agreement will reduce Metropolitan costs in the current biennium by approximately \$118,000 and \$245,000 in future years due to the elimination of administrative fee payments that would be made by Metropolitan if the agreement remains in effect. A summary of the CUP programs is provided in **Attachment 1**.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Authorize the General Manager to terminate the Orange County Conjunctive Use Program Agreement.

**Fiscal Impact:** Terminating the agreement would relieve Metropolitan of administrative fees and result in a reduction of budgeted Supply Program costs of \$118,154 in FY2025/26 and a total reduction of \$363,398 through the term of the existing agreement.

**Business Analysis:** This action will reduce Metropolitan's costs in the current biennium by approximately \$118,000 and \$245,000 in future years due to the elimination of administrative fee payments that would have been made by Metropolitan if the agreement had remained in effect.

#### Option #2

Do not authorize the General Manager to terminate the Orange County CUP agreement, which would allow the Orange County CUP agreement to terminate on its current schedule.

**Fiscal Impact:** Cost savings or increased revenue in this biennium will not be achieved.

**Business Analysis:** Not terminating now will leave this agreement on its original schedule, and no cost savings or increased revenue will be realized in this biennium. Revenue generation would be deferred to 2028.

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**Applicable Policy**

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Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

Metropolitan Water District Administrative Code Section 4209: Contracts

Metropolitan Water District Administrative Code Section 4507: Billing and Payment of Water Deliveries

By Minute Item 43514, dated April 13, 1999, the Board adopted the Water Surplus and Drought Management Plan.

By Minute Item 43860, dated Jan. 11, 2000, the Board approved strategies for implementing Groundwater Storage Programs within Metropolitan's service area.

By Minute Item 44210, dated Oct. 17, 2000, the Board adopted Resolution 8706 to accept the grant for funds from Proposition 13.

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**Related Board Action(s)/Future Action(s)**

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By Minute Item 44427, dated April 10, 2001, the Board gave authority to finalize agreement terms for Groundwater Conjunctive Use Projects using Proposition 13 funds.

By Minute Item 44871, dated May 14, 2002, the Board approved the Long Beach CUP.

By Minute Item 45035, dated October 8, 2002, the Board approved the Live Oak Basin CUP.

By Minute Item 45205, dated February 11, 2003, the Board approved the Foothill Area CUP.

Board Report dated May 11, 2004, reporting on the selection of Groundwater Storage Programs using remaining Proposition 13 funds.

By Minute Item 46073, dated January 11, 2005, the Board approved the Compton CUP.

By Minute Item 46301, dated July 12, 2005, the Board approved the Long Beach CUP Phase 2 expansion into Lakewood.

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**Summary of Outreach Completed**

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Presented to Member Agency Managers Meeting on February 11, 2025

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**California Environmental Quality Act (CEQA)**

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**CEQA determination for Option #1:**

The proposed action is not defined as a project under CEQA because it will not result in either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment. (State CEQA Guidelines Section 15378(a)).

**CEQA determination for Option #2:**

None required

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**Details and Background**

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**Background**

The purpose of the CUP program is to store water during wet years and extract the stored water during dry years upon a call by Metropolitan. Since 2002, more than 350,000 acre-feet has been stored in the nine CUP programs. Also, the CUP program has generated a total of about 266,000 acre-feet of yield that has benefited Metropolitan during drought and emergencies.

Metropolitan seeks ways to streamline the current program and identify measures to reduce costs and generate revenue in the CUP program. To achieve this goal, Metropolitan proposes to terminate six inactive CUP programs



during this fiscal year to reduce future administrative and reimbursement costs and to generate revenue. This proposed action would terminate the Orange County CUP agreement.

### **History of the CUP Program**

The 1996 Integrated Resources Plan (IRP) identified groundwater storage as an important part of Metropolitan's future water resource mix. The IRP also identified that the remaining need for long-term storage is 450,000 acre-feet, with 150,000 acre-feet per year of dry-year production.

In January 2000 (Board Item 9-5), the Board approved a hybrid framework for the development of in-region dry-year CUP. This hybrid framework for CUP included two components:

- **A case-by-case approach** where member agencies could submit proposals to Metropolitan based upon their needs and expected benefits, or Metropolitan may approach a member agency based upon an assessment of potential regional benefits; and
- **A request for proposal (RFP) approach** where member agencies would submit proposals that would be competitively ranked against specific criteria. This approach tries to standardize all Groundwater Storage Programs; however, experience has shown that not all local groundwater programs are alike. Local issues such as water quality, basin adjudication or management, and local and regional benefits are all unique, making it difficult to rank projects using specific criteria.

In January 2000, the Board also established principles for the development of conjunctive use in the service area. These principles are summarized in **Attachment 1**.

In March 2000, 65 percent of California voters approved Proposition 13 (Prop. 13), authorizing the state of California to sell \$1.97 billion in general obligation bonds for water-related projects throughout the state. In May 2020, the Governor's Annual Budget Act appropriated to the Department of Water Resources local assistance grant funds from Prop 13. From these funds, the state allocated \$45 million to Metropolitan to help finance Southern state Water Reliability Projects targeting conjunctive use projects within the Metropolitan's service area.

In November 2000, Metropolitan released an RFP for the CUP Program. Nine CUP programs were selected and approved by the Board and received funding from Prop 13 in the amount of \$45 million and Metropolitan in the amount of \$27 million. These CUP programs included: the Chino Basin, Compton, Elsinore, Foothill Area, Live Oak, Long Beach, Long Beach Expansion into Lakewood, Orange County, and Upper Claremont CUPs. Each CUP agreement has a term of 25 years with termination between 2027 and 2031, depending upon when the agreement was executed. Without this action, the Orange County CUP agreement will terminate on June 25, 2028. Each agreement also includes provisions for capital facilities needed to perform for the program. Program facilities included treatment facilities, new wells, conveyance systems, and recharge facilities. The final disbursement of the Prop 13 and Metropolitan funding for the completion of all funded CUP facilities was achieved in May 2009.

The total storage of the CUP programs is 211,889 acre-feet with a dry-year yield of 70,296 acre-feet per year. The current balance in the CUP program is 83,607 acre-feet. Storage amounts for all the CUP programs are shown in **Attachment 1**.

### **Need for Action**

Six CUP programs have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes. Over time, Metropolitan has developed alternative approaches and programs for coordinated groundwater storage management that can continue to provide regional benefits that have previously come from these inactive CUP programs. Metropolitan has discussed the termination of these programs with the affected member agencies. As a result of these discussions, the program partners have expressed interest in terminating their programs early. The six inactive agreements include Compton, Foothill Area, Live Oak Basin, Long Beach, Long Beach-Lakewood, and Orange County CUPs. This action would terminate the Orange County CUP agreement. Regional dry-year storage levels are currently at a record high of 3.8 million acre-feet. The proposed action is not likely to significantly impact the availability of

dry-year supplies. Further, termination of the inactive programs does not impact the requirements of the Prop 13 funding received and disbursed to the participating agencies for the development of the programs.

### **Proposed Action and General Terms**

Staff recommends that the Board authorize the General Manager to enter into agreements to terminate six inactive CUP agreements. This action would terminate the Orange County CUP. New agreements are currently required to allow for the termination of the existing agreements. The existing CUP agreements do not include standard termination language, which would have allowed the parties to initiate early terminations upon written notice.


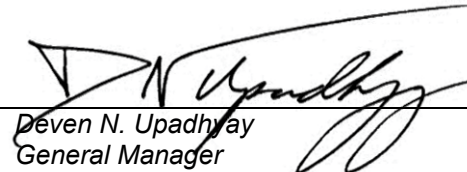
### **General Terms**

The following conditions will apply to the agreements:

- Metropolitan and the six participating member agencies will enter into individual agreements.
- Termination of the Orange County CUP agreement will be effective by June 30, 2025.
- The participating member agency would not be required to pay back any funds received from Metropolitan during the term of the agreement.
- No money would be due upon termination by either party unless there is water remaining in a CUP account.
- Since there is no water remaining in the Orange County CUP account, no money is due.

### ***Project Milestone***

Termination of the Orange County CUP will be effective June 30, 2025.

	3/24/2025
Brandon J. Goshi	Date
Interim Manager,	
Water Resource Management	
	3/24/2025
Deven N. Upadhyay	Date
General Manager	

### **Attachment 1 – Summary of Conjunctive Use Programs**

Ref# wrm12706054

**Summary of Conjunctive Use Programs**

<b>Program</b>	<b>Current Balance (AF)</b>	<b>Start Date</b>	<b>Original Termination Date</b>	<b>Active or Inactive</b>	<b>Proposed Termination Date</b>
<b>Chino</b>	63,838	2003	2028	Active	—
<b>Compton</b>	0	2005	2030	Inactive	2025
<b>Elsinore</b>	11,891	2006	2031	Active	—
<b>Foothill Area</b>	0	2003	2028	Inactive	2025
<b>Live Oak</b>	0	2002	2027	Inactive	2025
<b>Long Beach Phase 1</b>	6,678	2002	2027	Inactive	2025
<b>Long Beach Phase 2 (Lakewood)</b>	0	2005	2030	Inactive	2025
<b>Orange County</b>	0	2003	2028	Inactive	2025
<b>Upper Claremont</b>	1,200	2005	2030	Active	—
<b>Total</b>	<b>83,607</b>	—	—	—	—



One Water and Adaptation Committee

# Authorize the General Manager to Terminate Conjunctive Use Program Agreements

Items 7-12, 7-13, 7-14, 7-15, 7-16, and 7-17

April 7, 2025

## Items 7-12 through 7-17

### Termination of Six CUP Agreements

#### Subject

Authorize the General Manager to terminate Conjunctive Use Program agreements; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA.

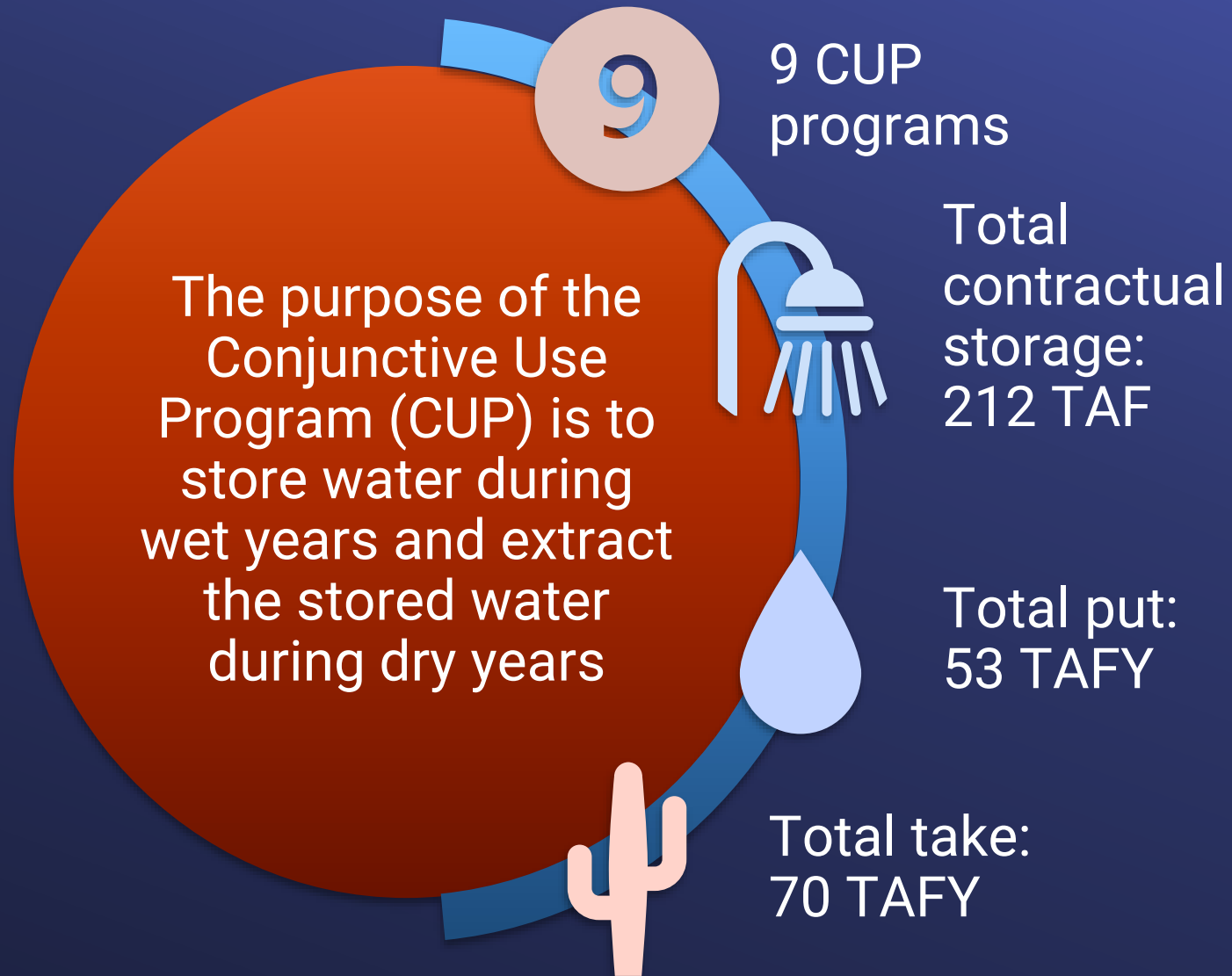
#### Purpose

Request Board approval to terminate inactive Conjunctive Use Program agreements

#### Next Steps

Execute Conjunctive Use Program termination agreements with member agencies

# Overview



# History of Conjunctive Use Program (CUP)

## Approval

- Board adopted principles for CUP Program in 2000
- Voters approve Proposition 13 (Prop 13) in 2000
- Metropolitan releases RFQ for proposed CUP programs

## Agreements & Funding

- 9 CUP agreements are executed from 2002-2006
- 25-year term
- \$45 million from the Department of Water Resources (DWR) from Prop 13
- \$27 million from Metropolitan

## Ongoing Operations

- 350,000 acre-feet has been stored in CUP program since 2002
- 266,000 acre-feet of dry-year yield that has benefited Metropolitan during drought and emergencies.



# Conjunctive Use Programs Proposed for Termination

- Compton
- Foothill Area
- Live Oak
- Long Beach Phase 1
- Long Beach Phase 2 (Lakewood)
- Orange County

# Need for Termination Agreements

- The six CUP programs identified for termination have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes.
- Metropolitan and the six CUP program participants have mutually agreed to early termination.
- The original agreements do not include Metropolitan's standard termination language, which allows either party to terminate early upon written notice. Therefore, a new termination agreement is needed.

# Terms of Termination


Metropolitan and the six participating CUP programs will enter into individual mutual agreements.



Termination of the six agreements will be effective June 30, 2025.



The member agencies would not be required to pay back any funds received from Metropolitan during the term of the agreement.



If water is remaining in the CUP account, a lump-sum sale of the amount remaining in the account would occur on June 30, 2025, plus a share of the projected cost to extract the stored water.

# Benefits of Termination to Metropolitan in this Biennium



## Cost savings

- \$2.1 million
- Savings of future annual administrative fees
- Cost share of future O&M and power credits

## Additional Revenue

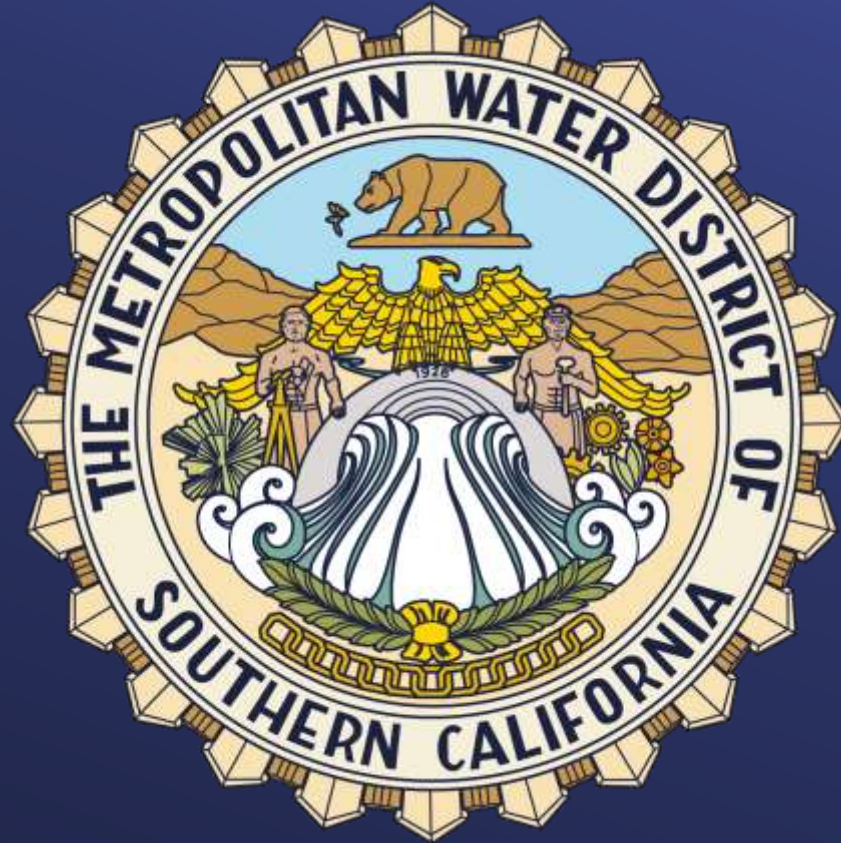
- \$9.3 million
- Sale of remaining water in Long Beach CUP account (6,678 AF) in this biennium

# Options

- Option 1 - Authorize the General Manager to terminate the following Conjunctive Use Program agreements.
  - Compton
  - Foothill Area
  - Live Oak
  - Long Beach Phase 1
  - Long Beach Phase 2 (Lakewood)
  - Orange County
- Option 2 - Do not authorize the General Manager to terminate the CUP agreements, which would allow the CUP agreements to terminate on their current schedule.

# Staff Recommendation

- Option 1







- **Board of Directors**  
***One Water and Adaptation Committee***

4/8/2025 Board Meeting

7-17

## Subject

Authorize the General Manager to terminate the Compton Conjunctive Use Program Agreement; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

Staff recommends that the General Manager be authorized to enter into agreements to terminate six inactive Conjunctive Use Program (CUP) agreements. The six inactive agreements include Compton, Foothill Area, Live Oak Basin, Long Beach, Long Beach Expansion into Lakewood, and Orange County CUPs. The six programs have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes. Staff has coordinated with the member agencies involved with the listed projects, and the consensus of both member agencies and staff is to terminate the agreements.

The subject of this board action is to terminate the Compton CUP agreement. Termination of the Compton CUP agreement will reduce Metropolitan costs in the current biennium by approximately \$4,000 and \$19,000 in future years due to the elimination of administrative fee payments that would be made by Metropolitan if the agreement remains in effect. A summary of the CUP programs is provided in **Attachment 1**.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Authorize the General Manager to terminate the Compton Conjunctive Use Program Agreement.

**Fiscal Impact:** Terminating the agreement would relieve Metropolitan of administrative fees and result in a reduction of budgeted Supply Program costs of \$4,304 in FY2025/26 and a total reduction of \$22,623 through the term of the existing agreement.

**Business Analysis:** This action will reduce Metropolitan's costs in the current biennium by approximately \$4,000 and \$19,000 in future years due to the elimination of administrative fee payments that would have been made by Metropolitan if the agreement had remained in effect.

#### Option #2

Do not authorize the General Manager to terminate the Compton CUP agreement, which would allow the Compton CUP agreement to terminate on its current schedule.

**Fiscal Impact:** Cost savings or increased revenue in this biennium will not be achieved.

**Business Analysis:** Not terminating now will leave this agreement on its original schedule, and no cost savings or increased revenue will be realized in this biennium. Revenue generation would be deferred to 2030.

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**Alternatives Considered**

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Not applicable

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**Applicable Policy**

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Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

Metropolitan Water District Administrative Code Section 4209: Contracts

Metropolitan Water District Administrative Code Section 4507: Billing and Payment of Water Deliveries

By Minute Item 43514, dated April 13, 1999, the Board adopted the Water Surplus and Drought Management Plan.

By Minute Item 43860, dated Jan. 11, 2000, the Board approved strategies for implementing Groundwater Storage Programs within Metropolitan's service area.

By Minute Item 44210, dated Oct. 17, 2000, the Board adopted Resolution 8706 to accept the grant for funds from Proposition 13.

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**Related Board Action(s)/Future Action(s)**

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By Minute Item 44427, dated April 10, 2001, the Board gave authority to finalize agreement terms for Groundwater Conjunctive Use Projects using Proposition 13 funds.

By Minute Item 44871, dated May 14, 2002, the Board approved the Long Beach CUP.

By Minute Item 45035, dated October 8, 2002, the Board approved the Live Oak Basin CUP.

By Minute Item 45205, dated February 11, 2003, the Board approved the Foothill Area CUP.

Board Report dated May 11, 2004, reporting on the selection of Groundwater Storage Programs using remaining Proposition 13 funds.

By Minute Item 46073, dated January 11, 2005, the Board approved the Compton CUP.

By Minute Item 46301, dated July 12, 2005, the Board approved the Long Beach CUP Phase 2 expansion into Lakewood.

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**Summary of Outreach Completed**

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Presented to Member Agency Managers Meeting on February 11, 2025

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**California Environmental Quality Act (CEQA)**

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**CEQA determination for Option #1:**

The proposed action is not defined as a project under CEQA because it will not result in either a direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment. (State CEQA Guidelines Section 15378(a)).

**CEQA determination for Option #2:**

None required

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**Details and Background**

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**Background**

The purpose of the CUP program is to store water during wet years and extract the stored water during dry years upon a call by Metropolitan. Since 2002, more than 350,000 acre-feet has been stored in the nine CUP programs. Also, the CUP program has generated a total of about 266,000 acre-feet of yield that has benefited Metropolitan during drought and emergencies.

Metropolitan seeks ways to streamline the current program and identify measures to reduce costs and generate revenue in the CUP program. To achieve this goal, Metropolitan proposes to terminate six inactive CUP programs during this fiscal year to reduce future administrative and reimbursement costs and to generate revenue. This proposed action would terminate the Compton CUP agreement.

### **History of the CUP Program**

The 1996 Integrated Resources Plan (IRP) identified groundwater storage as an important part of Metropolitan's future water resource mix. The IRP also identified that the remaining need for long-term storage is 450,000 acre-feet, with 150,000 acre-feet per year of dry-year production.

In January 2000 (Board Item 9-5), the Board approved a hybrid framework for the development of in-region dry-year CUP. This hybrid framework for CUP included two components:

- **A case-by-case approach** where member agencies could submit proposals to Metropolitan based upon their needs and expected benefits, or Metropolitan may approach a member agency based upon an assessment of potential regional benefits; and
- **A request for proposal (RFP) approach** where member agencies would submit proposals that would be competitively ranked against specific criteria. This approach tries to standardize all Groundwater Storage Programs; however, experience has shown that not all local groundwater programs are alike. Local issues such as water quality, basin adjudication or management, and local and regional benefits are all unique, making it difficult to rank projects using specific criteria.

In January 2000, the Board also established principles for the development of conjunctive use in the service area. These principles are summarized in **Attachment 1**.

In March 2000, 65 percent of California voters approved Proposition 13 (Prop. 13), authorizing the state of California to sell \$1.97 billion in general obligation bonds for water-related projects throughout the state. In May 2020, the Governor's Annual Budget Act appropriated to the Department of Water Resources local assistance grant funds from Prop 13. From these funds, the state allocated \$45 million to Metropolitan to help finance Southern state Water Reliability Projects targeting conjunctive use projects within the Metropolitan's service area.

In November 2000, Metropolitan released an RFP for the CUP Program. Nine CUP programs were selected and approved by the Board and received funding from Prop 13 in the amount of \$45 million and Metropolitan in the amount of \$27 million. These CUP programs included: the Chino Basin, Compton, Elsinore, Foothill Area, Live Oak, Long Beach, Long Beach Expansion into Lakewood, Orange County, and Upper Claremont CUPs. Each CUP agreement has a term of 25 years with termination between 2027 and 2031, depending upon when the agreement was executed. Without this action, the Compton CUP agreement will terminate on June 30, 2030. Each agreement also includes provisions for capital facilities needed to perform for the program. Program facilities included treatment facilities, new wells, conveyance systems, and recharge facilities. The final disbursement of the Prop 13 and Metropolitan funding for the completion of all funded CUP facilities was achieved in May 2009.

The total storage of the CUP programs is 211,889 acre-feet with a dry-year yield of 70,296 acre-feet per year. The current balance in the CUP program is 83,607 acre-feet. Storage amounts for all the CUP programs are shown in **Attachment 1**.

### **Need for Action**

Six CUP programs have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes. Over time, Metropolitan has developed alternative approaches and programs for coordinated groundwater storage management that can continue to provide regional benefits that have previously come from these inactive CUP programs. Metropolitan has discussed the termination of these programs with the affected member agencies. As a result of these discussions, the program partners have expressed interest in terminating their programs early. The six inactive agreements include Compton, Foothill Area, Live Oak Basin, Long Beach, Long Beach-Lakewood, and Orange County CUPs. This action would terminate the Orange County CUP agreement. Regional dry-year storage levels are currently at a record high of

3.8 million acre-feet. The proposed action is not likely to significantly impact the availability of dry-year supplies. Further, termination of the inactive programs does not impact the requirements of the Prop 13 funding received and disbursed to the participating agencies for the development of the programs.

### **Proposed Action and General Terms**

Staff recommends that the Board authorize the General Manager to enter into agreements to terminate six inactive CUP agreements. This action would terminate the Compton CUP. New agreements are currently required to allow for the termination of the existing agreements. The existing CUP agreements do not include standard termination language, which would have allowed the parties to initiate early terminations upon written notice.

### **General Terms**

The following conditions will apply to the agreements:

- Metropolitan and the six participating member agencies will enter into individual agreements.
- Termination of the Compton CUP agreement will be effective by June 30, 2025.
- The participating member agency would not be required to pay back any funds received from Metropolitan during the term of the agreement.
- No money would be due upon termination by either party unless there is water remaining in a CUP account.
- Since there is no water remaining in the Compton CUP account, no money is due.

### ***Project Milestone(s)***

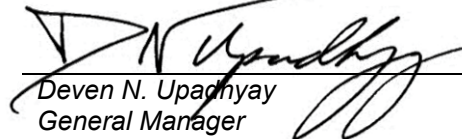
Termination of the Compton CUP will be effective June 30, 2025.



\_\_\_\_\_  
Brandon J. Goshi  
Interim Manager,  
Water Resource Management

3/24/2025

\_\_\_\_\_  
Date



\_\_\_\_\_  
Deven N. Upadhyay  
General Manager

3/24/2025

\_\_\_\_\_  
Date

### **Attachment 1 – Summary of Conjunctive Use Programs**

Ref# wrm12708186

**Summary of Conjunctive Use Programs**

<b>Program</b>	<b>Current Balance (AF)</b>	<b>Start Date</b>	<b>Original Termination Date</b>	<b>Active or Inactive</b>	<b>Proposed Termination Date</b>
<b>Chino</b>	63,838	2003	2028	Active	—
<b>Compton</b>	0	2005	2030	Inactive	2025
<b>Elsinore</b>	11,891	2006	2031	Active	—
<b>Foothill Area</b>	0	2003	2028	Inactive	2025
<b>Live Oak</b>	0	2002	2027	Inactive	2025
<b>Long Beach Phase 1</b>	6,678	2002	2027	Inactive	2025
<b>Long Beach Phase 2 (Lakewood)</b>	0	2005	2030	Inactive	2025
<b>Orange County</b>	0	2003	2028	Inactive	2025
<b>Upper Claremont</b>	1,200	2005	2030	Active	—
<b>Total</b>	<b>83,607</b>	—	—	—	—



One Water and Adaptation Committee

# Authorize the General Manager to Terminate Conjunctive Use Program Agreements

Items 7-12, 7-13, 7-14, 7-15, 7-16, and 7-17

April 7, 2025

## Items 7-12 through 7-17

### Termination of Six CUP Agreements

#### Subject

Authorize the General Manager to terminate Conjunctive Use Program agreements; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA.

#### Purpose

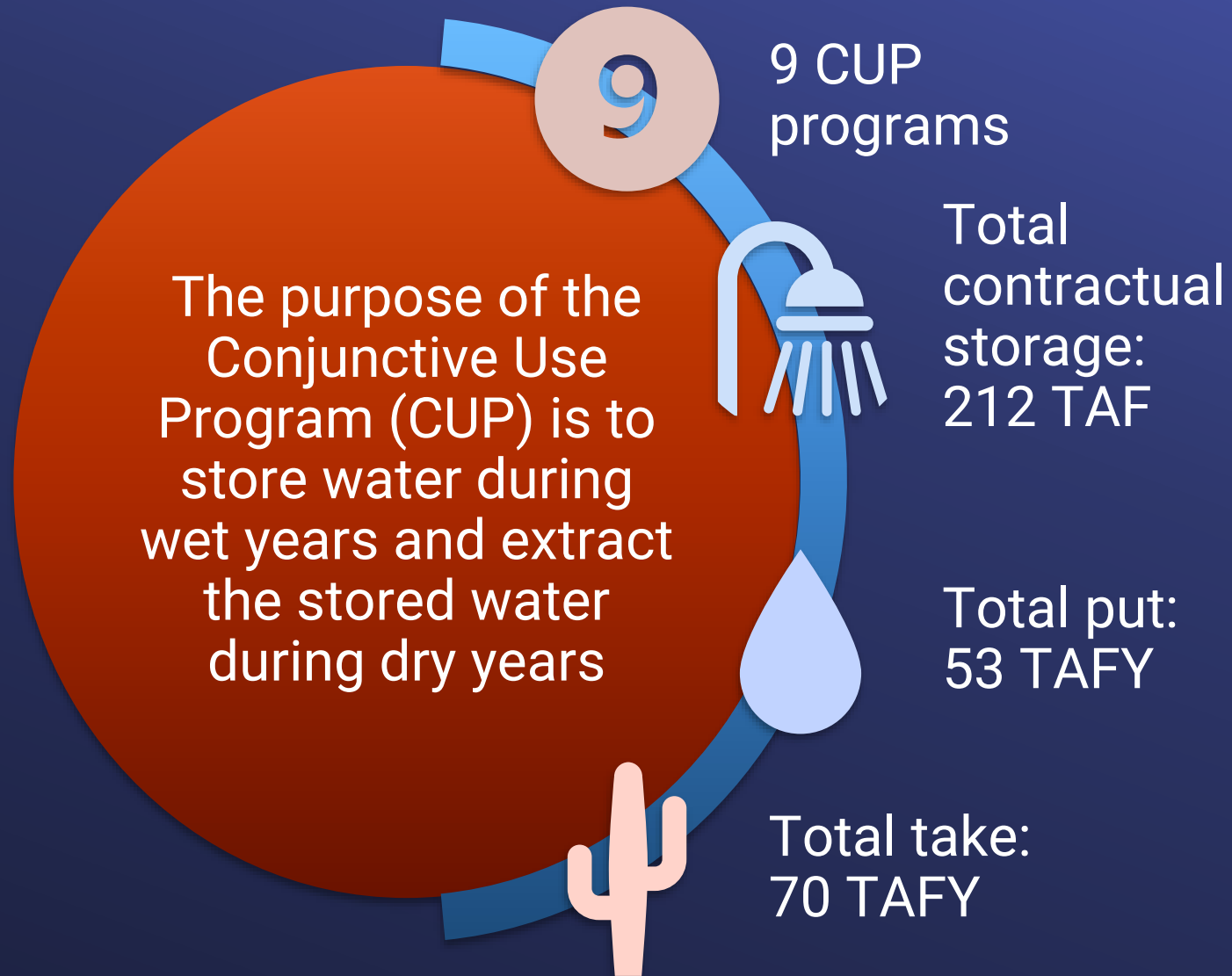
Request Board approval to terminate inactive Conjunctive Use Program agreements

#### Next Steps

Execute Conjunctive Use Program termination agreements with member agencies



# Overview



# History of Conjunctive Use Program (CUP)

## Approval

- Board adopted principles for CUP Program in 2000
- Voters approve Proposition 13 (Prop 13) in 2000
- Metropolitan releases RFQ for proposed CUP programs

## Agreements & Funding

- 9 CUP agreements are executed from 2002-2006
- 25-year term
- \$45 million from the Department of Water Resources (DWR) from Prop 13
- \$27 million from Metropolitan

## Ongoing Operations

- 350,000 acre-feet has been stored in CUP program since 2002
- 266,000 acre-feet of dry-year yield that has benefited Metropolitan during drought and emergencies.

# Conjunctive Use Programs Proposed for Termination

- Compton
- Foothill Area
- Live Oak
- Long Beach Phase 1
- Long Beach Phase 2 (Lakewood)
- Orange County

# Need for Termination Agreements

- The six CUP programs identified for termination have been inactive for a variety of reasons, including lack of local agency support, groundwater contamination concerns, or leadership changes.
- Metropolitan and the six CUP program participants have mutually agreed to early termination.
- The original agreements do not include Metropolitan's standard termination language, which allows either party to terminate early upon written notice. Therefore, a new termination agreement is needed.

# Terms of Termination


Metropolitan and the six participating CUP programs will enter into individual mutual agreements.



Termination of the six agreements will be effective June 30, 2025.



The member agencies would not be required to pay back any funds received from Metropolitan during the term of the agreement.



If water is remaining in the CUP account, a lump-sum sale of the amount remaining in the account would occur on June 30, 2025, plus a share of the projected cost to extract the stored water.

# Benefits of Termination to Metropolitan in this Biennium



## Cost savings

- \$2.1 million
- Savings of future annual administrative fees
- Cost share of future O&M and power credits

## Additional Revenue

- \$9.3 million
- Sale of remaining water in Long Beach CUP account (6,678 AF) in this biennium

# Options

- Option 1 - Authorize the General Manager to terminate the following Conjunctive Use Program agreements.
  - Compton
  - Foothill Area
  - Live Oak
  - Long Beach Phase 1
  - Long Beach Phase 2 (Lakewood)
  - Orange County
- Option 2 - Do not authorize the General Manager to terminate the CUP agreements, which would allow the CUP agreements to terminate on their current schedule.



# Staff Recommendation

- Option 1





- **Board of Directors**  
***Legal and Claims Committee***

4/8/2025 Board Meeting

7-18

## Subject

Authorize increase in the maximum amount payable under contract with outside counsel, Liebert Cassidy Whitmore, in the amount of \$200,000 for a total amount not to exceed \$450,000; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

## Executive Summary

The General Counsel entered into a contract with the law firm of Liebert Cassidy Whitmore (Liebert Cassidy) on December 1, 2023, for \$100,000 to provide advice, as requested, to the Chair of the Board and serve as counsel to the Ad Hoc Committee of the Executive Committee relative to its duties pursuant to Section 2416 (f) (5) of Metropolitan's Administrative Code regarding the investigation of allegations of Equal Employment Opportunity violations against members of the Metropolitan Board, the General Manager, General Counsel, General Auditor and Ethics Officer.

The agreement was amended on January 30, 2024, to amend the scope of work to include representation of Metropolitan in responding to and, if required, defend Metropolitan relative to requests for documents pursuant to the California Public Records Act; on August 12, 2024, to increase the maximum amount payable by \$100,000 to an amount not to exceed \$200,000 and, on December 17, 2024 to increase the maximum amount payable by \$50,000 to an amount not to exceed \$250,000.

This letter requests an increase of \$200,000 to a maximum amount payable of \$450,000 so that Liebert Cassidy can continue to provide these legal services for Metropolitan. This agreement remains in effect until terminated. While the rate of expenditure is subject to the number and nature of matters requiring assistance from the firm, it is anticipated that the requested increase will be adequate for an additional one to two years.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Authorize the General Counsel to increase the amount payable under contract with outside counsel, Liebert Cassidy Whitmore, in the amount of \$200,000 for a total amount not to exceed \$450,000.

**Fiscal Impact:** The sum of \$200,000 is added to this agreement for the provision of the authorized legal services, funded within the FY 2024/25 budget.

**Business Analysis:** Metropolitan will retain the expertise needed for the provision of advice and assistance to the Chair of the Board and the Ad Hoc Committee of the Executive Committee.

**Option #2**

Do not authorize an increase in the maximum amount payable under this agreement with Liebert Cassidy Whitmore, effectively terminating this contract when the current funds are exhausted.

**Fiscal Impact:** None

**Business Analysis:** Metropolitan will not have access to the valuable expertise and assistance provided by this law firm.

**Alternatives Considered**

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Not applicable

**Applicable Policy**

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Metropolitan Water District Administrative Code Section 6430: General Counsel's employment of attorneys to render special counsel services

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

**Related Board Action(s)/Future Action(s)**

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Not applicable

**California Environmental Quality Act (CEQA)**

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**CEQA determination for Option #1:**

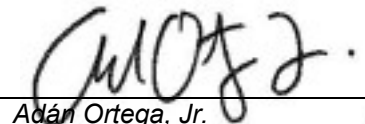
The proposed action is not defined as a project under CEQA because it will not result in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment. (State CEQA Guidelines Section 15378(a).)

**CEQA determination for Option #2:**

None required

  
 Marcia Scully  
 General Counsel

4/1/2025  
 Date

  
 Adán Ortega, Jr.  
 Chair of the Board

4/1/2025  
 Date

Ref# 112707276



## Legal & Claims Committee

# Request to Authorize Increase in Special Counsel Contract with Liebert Cassidy Whitmore

Item #7-18

April 8, 2025

# Item 7-18

## Request for Contract Increase

### Subject

Authorize increase in the maximum amount payable under contract with outside counsel, Liebert Cassidy Whitmore, in the amount of \$200,000 for a total amount not to exceed \$450,000

### Purpose

Request additional funds to continue engagement of highly qualified counsel

### Recommendation and Fiscal Impact

Approve contract increase of additional \$200,000 funded within the FY 2024/25 budget

## Special Counsel

# Request for Additional Funds for Special Counsel

- Request to increase existing contract with Liebert Cassidy Whitmore
- Retained in 2023 for maximum \$100,000
- Increased contract maximum in August and December 2024 to a maximum of \$250,000



## Specialized Legal Support

### Liebert Cassidy Whitmore

- Advise the Chair of the Board
- Serve as counsel to the Ad Hoc Committee of the Executive Committee
- Respond to certain California Public Record Act (CPRA) requests

# Board Options

- Option #1

Authorize the General Counsel to increase the amount payable under contract with outside counsel, Liebert Cassidy Whitmore in the amount of \$200,000 for a total amount not to exceed \$450,000.

- Option #2

Do not authorize an increase in the maximum amount payable under this contract with Liebert Cassidy Whitmore, effectively terminating this contract when the current funds are exhausted.

# Board Options

## Staff Recommendation:

- Option 1





- **Board of Directors**  
***Engineering, Operations, and Technology Committee***

4/8/2025 Board Meeting

8-1

## Subject

Adopt the CEQA determination that the proposed action was previously addressed in the certified 2024 Program Environmental Impact Report and authorize an increase of \$12.4 million to an agreement with La Cañada Design Group Inc. for a new not-to-exceed total amount of \$16.8 million for final design to upgrade the Michael J. McGuire Water Quality Laboratory

## Executive Summary

Metropolitan's Michael J. McGuire Water Quality Laboratory (Water Quality Laboratory) at the La Verne site conducts over 300,000 water quality analyses yearly to comply with treated water standards, support emerging contaminants studies, assess future treatment technologies, and optimize treatment and distribution system processes. Upgrades to the building are needed to increase its seismic resiliency and to efficiently address new and evolving water quality issues and regulations, by enhancing the reliability of Metropolitan's sample processing and water quality research functions.

This action authorizes an increase to an existing agreement with La Cañada Design Group Inc. (La Cañada Design Group) for final design services to upgrade Metropolitan's Water Quality Laboratory. See **Attachment 1** for the Allocation of Funds, **Attachment 2** for the List of Subconsultants, and **Attachment 3** for the Location Map.

## Proposed Action(s)/Recommendation(s) and Options

### Staff Recommendation: Option #1

#### Option #1

Adopt the CEQA determination that the proposed action was previously addressed in the certified 2024 Final Environmental Impact Report and related documentation, and that no further environmental analysis or documentation is required and authorize an increase of \$12.4 million to an agreement with La Cañada Design Group Inc. for a new not-to-exceed total amount of \$16.8 million for final design to upgrade the Michael J. McGuire Water Quality Laboratory.

**Fiscal Impact:** Expenditure of \$16.0 million in capital funds. Approximately \$6.5 million in capital funds will be incurred in the current biennium and have been previously authorized. The remaining capital expenditures will be funded from the next Capital Investment Plan budget.

**Business Analysis:** This option will enhance the reliability and extend the functional service of the Water Quality Laboratory.

#### Option #2

Do not proceed with the project at this time

**Fiscal Impact:** None

**Business Analysis:** This option would forgo an opportunity to address the functional performance and seismic resiliency of this essential facility. Several future improvements would be required in the near future

to keep the facility's functionality up to modern industry standards which would increase costs and may diminish Metropolitan's ability to comply with water quality and laboratory requirements.

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### **Alternatives Considered**

Upon completion of preliminary design for the Water Quality Laboratory upgrades, staff reassessed the availability and capability of in-house Metropolitan staff to conduct final design, considering: (1) current work assignments for in-house staff to determine the potential availability of staff to conduct this work; and (2) specialized technical expertise needs.

After assessing the current workload for in-house staff, the relative priority of this project, and the specialized technical expertise required, staff recommends the use of professional services to perform final design of the subject project. This approach will allow for the completion of this project and other capital work within their current schedule and ensure the work is conducted in the most efficient manner possible.

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### **Applicable Policy**

Metropolitan Water District Administrative Code Section 8121: General Authority of the General Manager to Enter Contracts

Metropolitan Water District Administrative Code Section 11104: Delegation of Responsibilities

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### **Related Board Action(s)/Future Action(s)**

By Minute Item 51073, dated January 9, 2018, the Board authorized final design of seismic upgrades and building improvements to the Water Quality Laboratory and the Field Engineering Building.

By Minute Item 52702, dated February 8, 2022, the Board authorized two agreements to provide preliminary design to upgrade Metropolitan's Water Quality Laboratory, and environmental support services for the planned facility upgrades at the La Verne site.

By Minute Item 52778, dated April 12, 2022, the Board appropriated a total of \$600 million for projects identified in the Capital Investment Plan for fiscal years 2022/2023 and 2023/2024.

By Minute Item 53590, dated April 9, 2024, the Board certified the Final Program Environmental Impact Report for the F.E. Weymouth Water Treatment Plant and La Verne Site Improvements Program and awarded three procurement contracts to furnish water quality equipment for Metropolitan's Water Quality Laboratory.

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### **Summary of Outreach Completed**

Metropolitan staff has conducted several meetings with the city of La Verne to discuss building codes and other requirements applicable to the design of this project. Input provided by the city of La Verne has been incorporated into the current design.

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### **California Environmental Quality Act (CEQA)**

#### **CEQA determination for Option #1:**

On April 9, 2024, the Board adopted the F.E. Weymouth Water Treatment Plant and La Verne Site Improvements Program (Program Environmental Impact Report), Mitigation Monitoring and Reporting Program, associated CEQA environmental documentation (Findings, Statement of Overriding Considerations), made the necessary findings for the Weymouth Water Quality Laboratory Seismic Upgrades Project, and approved the project itself. The present board action does not involve any changes to the approved project. Therefore, the environmental documentation previously prepared and adopted in connection with the project fully complies with CEQA, and no further environmental analysis or documentation is required.

#### **CEQA determination for Option #2:**

None required

## Details and Background

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### Background

The Michael J. McGuire Water Quality Laboratory is located on the grounds of the F.E. Weymouth Water Treatment Plant in the city of La Verne. The building houses Metropolitan's central laboratory that conducts over 300,000 water quality analyses each year to comply with treated water standards, support studies of emerging contaminants, assess future treatment technologies, and optimize treatment and distribution system processes.

The Water Quality Laboratory was constructed in two phases. The south wing of the building was constructed in 1985, and the north wing was added in 1998. Each wing was designed and constructed in accordance with the building code requirements and water quality needs of their time. Within the last 30 years, water quality requirements for safe water delivery have evolved significantly. Additionally, industry knowledge of earthquakes has greatly improved leading to the development of today's more stringent seismic design requirements. As a result, the building's internal configuration no longer meets current or future laboratory needs, and under the current seismic code, the building is vulnerable to damage in the event of a major earthquake.

In February 2022, Metropolitan's Board authorized an agreement with La Cañada Design Group for preliminary design to upgrade the Water Quality Laboratory, including laboratory functional capabilities, seismic resiliency, and expansion of the existing building footprint. During preliminary design, staff assessed required modifications of the existing structure, developed structural design criteria for the building as an essential facility, completed inspections of supporting infrastructure, and worked with the consultant to develop a layout for the expanded building footprint which incorporates enhancement of key laboratory features, including increased sample processing efficiency, reduced risk for sample cross-contamination, added laboratory space modularity, and improvements to building traffic for samples, staff, and visitors. Staff also developed a comprehensive staged approach to replace the most critical instruments for regulatory compliance, which were approaching the end of their service life.

Preliminary design activities to upgrade the Water Quality Laboratory are complete, and staff recommends proceeding with final design at this time. Temporary staff and equipment relocation is required to ensure that critical laboratory operations are not interrupted during construction. Planning activities for temporary relocations will be undertaken by staff as part of the final design phase.

### Michael J. McGuire Water Quality Laboratory Upgrades – Final Design

Planned upgrades for the Water Quality Laboratory include building expansion with an approximately 60 percent footprint increase; strengthening of the existing structure to meet current criteria for essential facilities; building amenities and utilities improving laboratory space modularity and configuration potential; sustainability upgrades and revised landscaping; parking and accessibility improvements; and new specialized laboratory equipment.

Final design phase activities include: (1) development of a staff relocation plan; (2) preparation of drawings and technical specifications with a supporting 3D model and detailed renderings; (3) development of a construction cost estimate; (4) constructability review; and (5) advertising and receipt of competitive bids. Final design will be performed by La Cañada Design Group under an existing agreement described below. Metropolitan staff and La Cañada Design Group will collectively develop the relocation plan that will be implemented while the construction is underway. Metropolitan staff will also perform project management, technical oversight, and review of the consultant's work.

A total of \$16.0 million is required for this work. Allocated funds include \$12.4 million for the final design activities by La Cañada Design Group described above. Other allocated funds for professional services include \$100,000 for value engineering, which will be performed by an on-call consultant. Allocated funds for Metropolitan staff activities include \$1.9 million for technical oversight and design review of consultant's work; \$800,000 for environmental support, project management, relocation planning, permitting, and project controls; and \$800,000 for remaining budget. **Attachment 1** provides the allocation of the required funds.

As described above, final design will be performed by La Cañada Design Group Inc. Engineering Services' performance metric target range for final design of projects with a construction cost of more than \$3 million is



9 to 12 percent. For this project, the performance metric goal for final design is 9.5 percent of the total construction cost. The total estimated cost for design is \$14.3 million, which includes \$12.4 million for La Cañada Design Group and \$1.9 million for Metropolitan design activities. The estimated cost of construction to upgrade Metropolitan's Water Quality Laboratory is anticipated to range from \$150 million to \$170 million.

***Engineering Services (La Cañada Design Group Inc.) – Amendment of Existing Agreement***

In February 2022, Metropolitan's Board authorized an agreement with La Cañada Design Group for preliminary design to upgrade Metropolitan's Water Quality Laboratory. La Cañada Design Group was prequalified through Request for Qualifications No. 1182 and was selected based on the firm's expertise in the discipline-specific technical aspects of this project, and its extensive experience with new laboratories, retrofit of laboratories, and other essential facilities of comparable size.

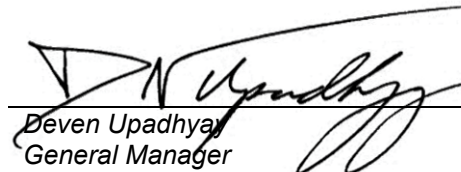
This action authorizes an increase of \$12.4 million to the existing agreement with La Cañada Design Group for a new not-to-exceed total of \$16.8 million to perform the final design to upgrade Metropolitan's Water Quality Laboratory. For this agreement, Metropolitan has established a Small Business Enterprise participation level of 25 percent. La Cañada Design Group is a certified SBE firm and thus achieves 100 percent SBE participation. The planned subconsultants for this work are listed in **Attachment 2**.

***Project Milestone***

March 2028 – Completion of final design to upgrade the Water Quality Laboratory

  
Mal Hattar  
Interim Chief Engineer  
Engineering Services

3/25/2025  
Date

  
Deven Upadhyay  
General Manager

3/25/2025  
Date

**Attachment 1 – Allocation of Funds**

**Attachment 2 – Listing of Subconsultants**

**Attachment 3 – Location Map**

Ref# es12699264

### Allocation of Funds for Upgrades to the Michael J. McGuire Water Quality Laboratory

	<b>Current Board Action (Apr. 2025)</b>
Labor	
Studies & Investigations	\$ -
Final Design	1,900,000
Owner Costs (Program mgmt., envir. monitoring)	800,000
Submittals Review & Record Drwgs.	-
Construction Inspection & Support	-
Metropolitan Force Construction	-
Materials & Supplies	-
Incidental Expenses	-
Professional/Technical Services	
La Cañada Design Group Inc.	12,400,000
Value Engineering	100,000
Right-of-Way	-
Equipment Use	-
Contracts	-
Remaining Budget	800,000
<b>Total</b>	<b>\$ 16,000,000</b>

The total amount expended to date is approximately \$10.8 million. The total estimated cost to upgrade the Michael J. McGuire Water Quality Laboratory, including the amount appropriated to date, funds allocated for the work described in this action, and future construction costs, is anticipated to range from \$210 million to \$225 million.

**The Metropolitan Water District of Southern California**  
**Subconsultants for Agreement with La Cañada Design Group Inc.**  
**Agreement No. 207660**

<b>Subconsultant and Location</b>	<b>Service Category; Specialty</b>
Hazen & Sawyer Los Angeles, CA	Laboratory Planning
Brandow & Johnston Inc. Los Angeles, CA	Civil and Structural Engineering
P2S Inc. Long Beach, CA	Mechanical Engineering, Electrical Engineering, Plumbing, Design, Low Voltage System Design, Audio-Visual Design
Cumming Group Cost Estimating Los Angeles, CA	Cost Estimating
MIG Inc. Los Angeles, CA	Landscape Architecture and Irrigation
AWC West Winter Park, FL	Specifications
ZC Sustainability Santa Monica, CA	Sustainable Design
Krai Charuwatsuntorn Long Beach, CA	3D Visualization
Oculus Light Studio Culver City, CA	Lighting
Coffman Engineers Inc. Los Angeles, CA	Fire Protection and Code
SKA Design Pasadena, CA	Signage / Wayfinding
Rowan Williams Davies & Irwin Inc. (RWDI) Culver City, CA	Acoustic Engineering
D7 Consulting Inc. Newport Beach, CA	Building Envelope / Waterproofing
Jacobs Engineering Irvine, CA	Security





Engineering, Operations, & Technology Committee

# La Verne Water Quality Laboratory Upgrades

Item 8-1

April 7, 2025

# Item 8-1

## La Verne Water Quality Laboratory Upgrades

### Subject

Adopt the CEQA determination that the proposed action was previously addressed in the certified 2024 Program Environmental Impact Report and authorize an increase of \$12.4 million to an agreement with La Cañada Design Group Inc. for a new not-to-exceed total amount of \$16.8 million for final design to upgrade the Michael J. McGuire Water Quality Laboratory

### Purpose

Enhance the reliability and extend the functional service of the Water Quality Laboratory for the next 30 years

### Recommendation and Fiscal Impact

Adopt the CEQA determination and authorize an amendment to an existing agreement for final design to upgrade Metropolitan's Water Quality Laboratory

Fiscal Impact – \$16 million

### Budgeted



# Location Map



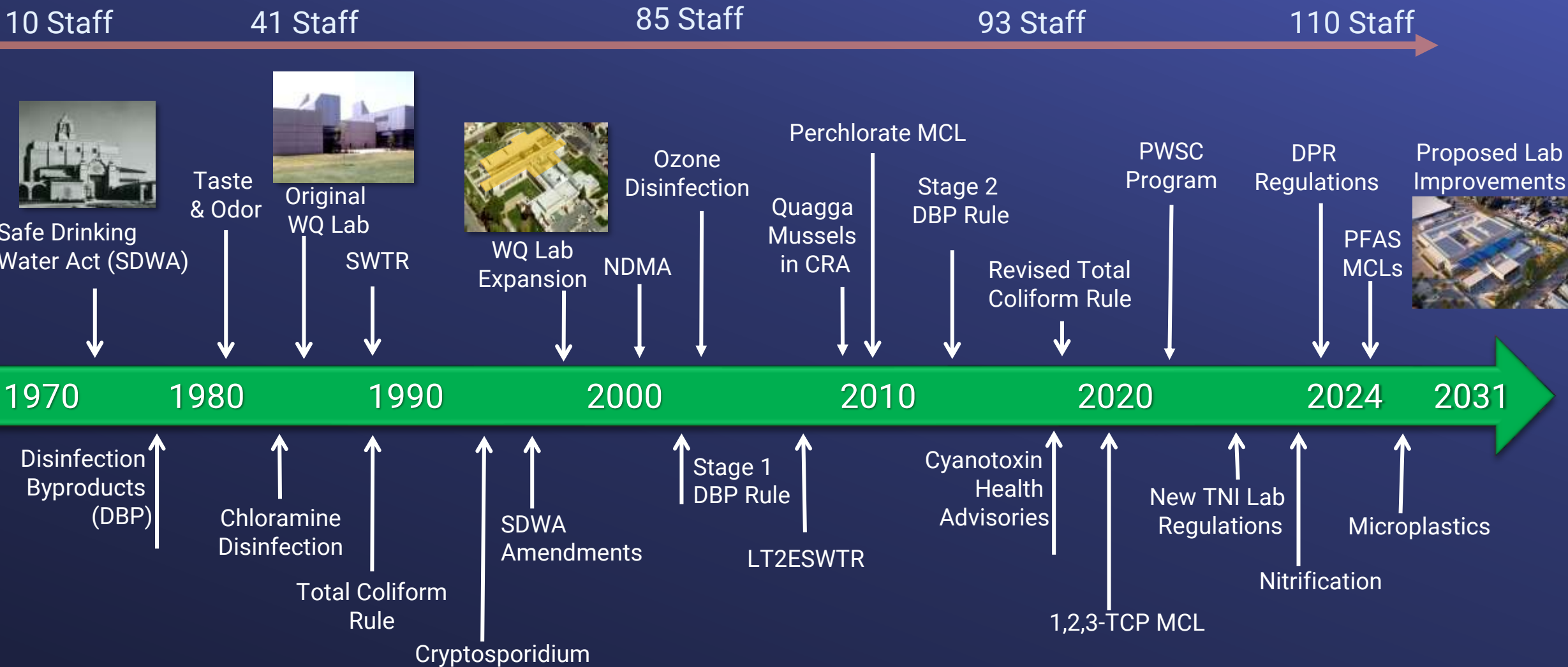


# Water Quality Laboratory – An Essential Facility

- Compliance monitoring & testing
  - Bacteria, disinfection byproducts
  - Metals & minerals, organic chemicals
- General water quality monitoring
  - pH, temperature, TDS, alkalinity, taste & odor, color
- Distribution system integrity
  - Shutdowns & repairs/maintenance
  - Nitrification monitoring (nitrite, ammonia)
- Applied research
  - Treatment processes, emerging contaminants, analytical methods, alternative source waters



# Water Quality's Expanded Functions



# Water Quality – Looking Toward the Future

- New regulated monitoring
  - PFAS, microplastics
- New contaminants, emerging DBPs
- Impacts of climate volatility
  - Turbidity, cyanotoxins
- Maintaining water quality in the distribution system
  - Variable demand & low flow
  - Nitrification
- New sources & treatment processes



Celebrating 50 Years of Water Quality, 2024



Naming the Water Quality Lab in honor of  
Dr. Michael J. McGuire – February 2025



# Current Building Limitations

- Latest improvements to the lab completed in 1998
- Spaces fully utilized or beyond capacity
- Under-utilized and inefficient spaces
- Lab areas open to common areas
- Overlap between office & lab space
- Inadequate record storage
- Vulnerable to seismic events



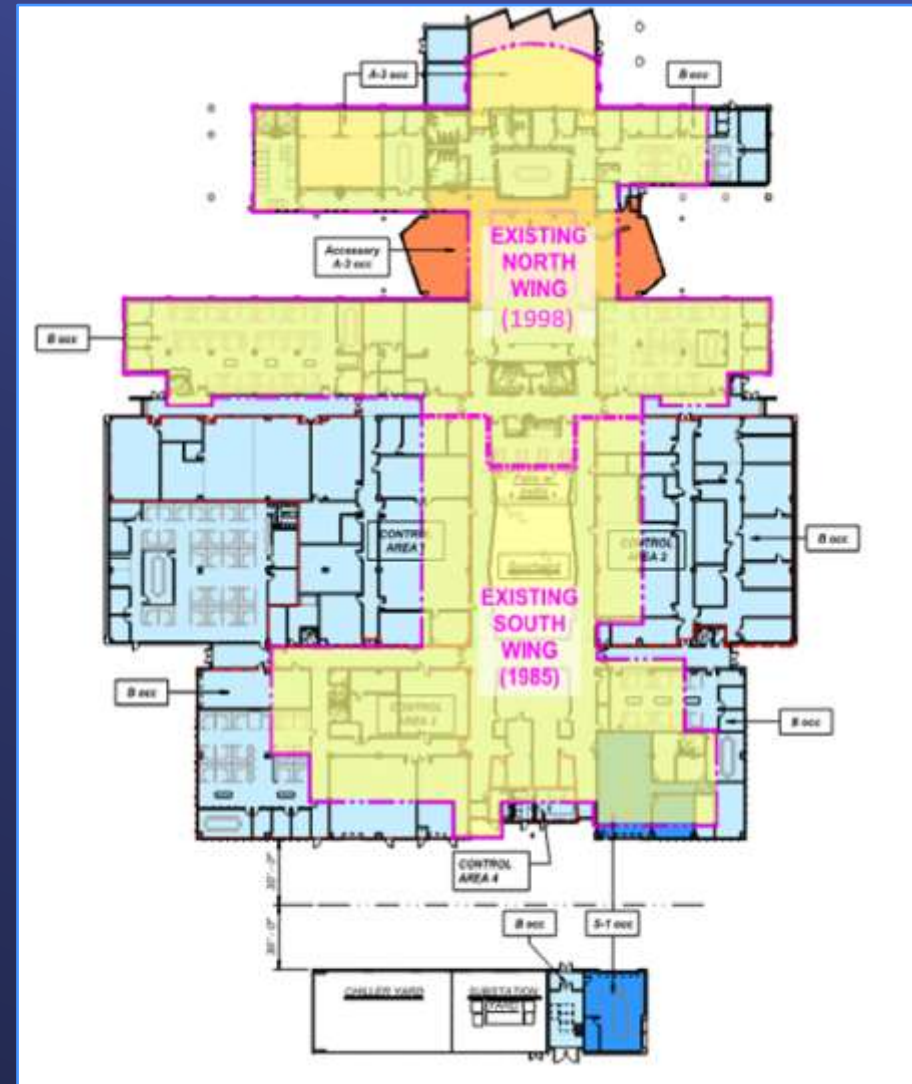
Lab Spaces Beyond Capacity



Cubicles and Documents in Hallway

# Planned Improvements – Laboratory Function

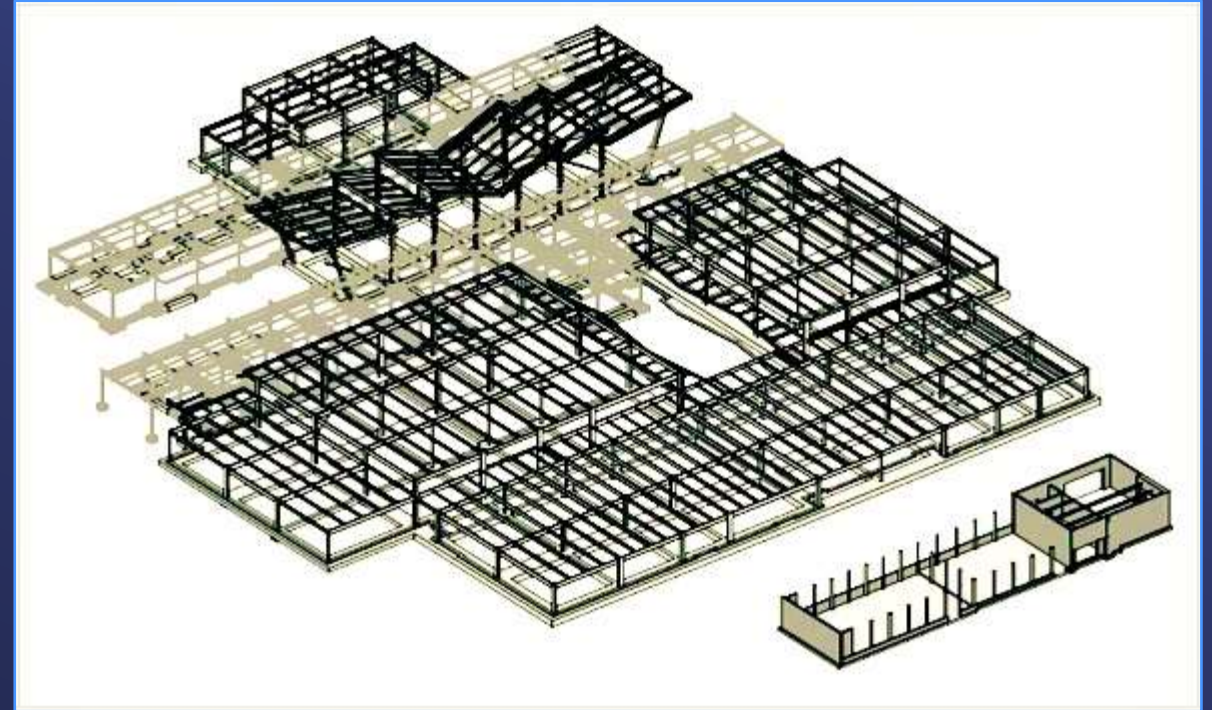
- Building expansion
- Layout optimization
  - Workflow & adjacencies
  - Public access & circulation
- Laboratory upgrades
  - Modularity & future reconfiguration
  - Reduced risk of cross-contamination
  - New specialized laboratory equipment



Existing and New Building Layout

# Planned Improvements – Seismic Upgrades

- Meet essential facility requirements
  - Maintain operability
  - Immediate occupancy after major earthquake
- Seismic strengthening of existing structure
- New structural framing at expansions



Structural Analysis Model



# Final Design Approach

- Detailed design
  - Design as an essential facility with improved seismic resiliency
  - Integrates old & new construction totaling about 95,000 sq ft
    - Shoring & protection of foundation & structural framing, connection details for foundation, walls, & roofing
  - Upgrades building systems including HVAC, fire system, & mechanical, electrical, plumbing systems
  - Addresses unique laboratory requirements (room-by-room approach)
    - 70,000 sq ft for critical lab functions
    - Specialized & individualized room requirements for building systems
- Relocation planning
  - Design of temporary laboratory space - 30,000 sq ft of swing space needed
  - Relocation of ~110 employees & equipment to support lab, office, & storage
  - Maintain laboratory accreditation



# La Verne Water Quality Laboratory Upgrades

## Alternatives Considered

- Considered Alternative – Metropolitan staff to complete all final design activities
  - Resource needs exceed staff availability, additional specialized expertise required
- Selected Alternative – Use a professional services agreement to perform final design of the subject project
  - Allows for the completion of this project & other capital work within Metropolitan staff's current schedule & ensure work is conducted in the most efficient manner possible

## La Verne Water Quality Laboratory Upgrades

### La Cañada Design Group Inc. – Agreement

- Prequalified and selected under RFQ No. 1182
- Board-authorized agreement for preliminary design
  - Preliminary design completed
- Recommended amendment for final design
  - Preparation of drawings & specifications
  - Construction cost estimate
- Amendment amount: \$12.4 M
  - New NTE amount: \$16.8 M
- SBE participation level: 25%

## La Verne Water Quality Laboratory Upgrades

### Metropolitan Scope

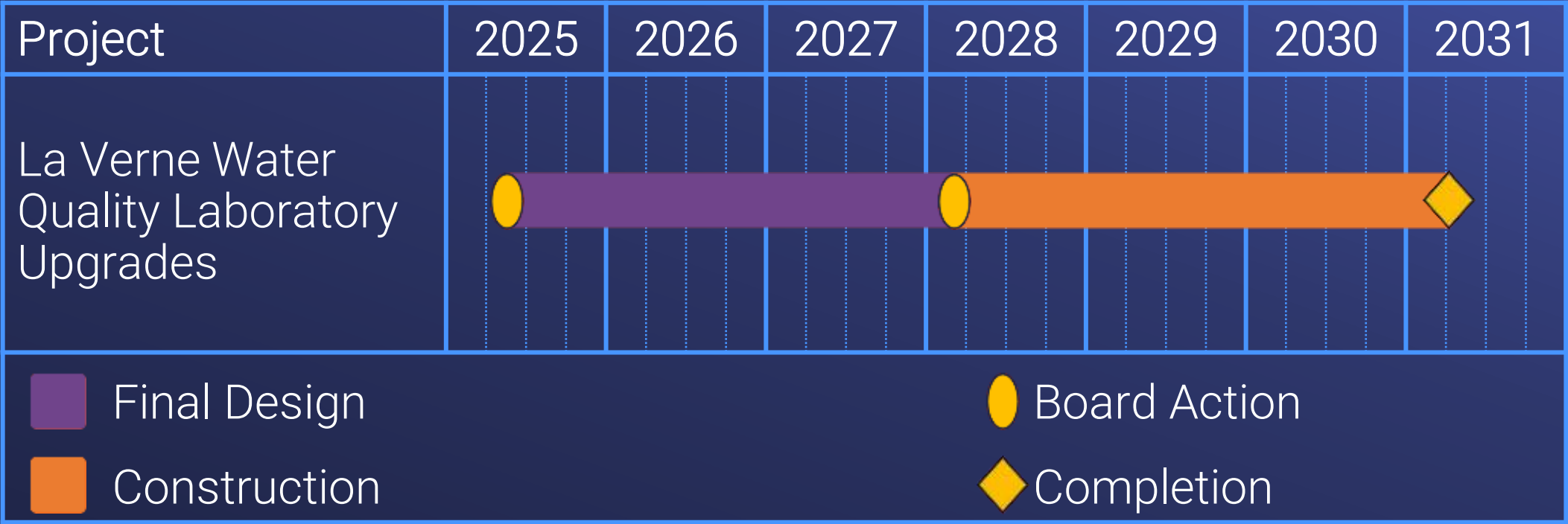
- Provide project management, technical oversight & review of consultant's work
- Provide environmental support
- Relocation planning

# Allocation of Funds

## La Verne Water Quality Laboratory Upgrades

Metropolitan Labor	
Final Design	\$ 1,900,000
Owner Costs (Proj. Mgmt., Agreement Admin., Envir. Support)	800,000
Professional/Technical Services	
La Cañada Design Group Inc.	12,400,000
Value Engineering	100,000
Remaining Budget	800,000
<hr/>	
Total \$ 16,000,000	

# Project Schedule



# Board Options

- Option #1

Adopt the CEQA determination that the proposed action was previously addressed in the certified 2024 Final Environmental Impact Report and related documentation, and that no further environmental analysis or documentation is required and authorize an increase of \$12.4 million to an agreement with La Cañada Design Group Inc. for a new not-to-exceed total amount of \$16.8 million for final design to upgrade the Michael J. McGuire Water Quality Laboratory.

- Option #2

Do not proceed with the project at this time

# Staff Recommendation

- Option #1







## Water Resource Management Group

### • Conservation Board Report April 2025

#### Summary

This report provides a summary of conservation activities and expenditures for February 2025

#### Purpose

Informational

#### Detailed Report

### Conservation Expenditures – FY2024/25 & FY2025/26 <sup>(1)</sup>

	Paid <sup>(2)</sup>	Committed <sup>(3)</sup>
Regional Devices	\$2.5 M	\$1.0 M
Member Agency Administered	\$4.3 M	\$5.0 M
Turf Replacement	\$9.4 M	\$24.9 M
Advertising	\$0.1 M	\$0.9 M
Other	\$1.3 M	\$1.3 M
<b>TOTAL</b>	<b>\$17.6 M</b>	<b>\$33.1 M</b>

(1) The Conservation Program biennial expenditure authorization is \$98.2 million.

(2) Paid as of 7/1/2024 - 2/28/2025. Financial reporting on cash basis.

(3) Committed dollars as of March 10, 2025

### Summary of Expenditures in February 2025: \$2,492,538 <sup>(1)</sup>

**Lifetime Water Savings to be achieved by all rebates in February 2025: 4,049 AF**

FY2024/25-FY2025/26: 34,200 AF lifetime water savings



#### Turf Replacement Rebates:

February: 474,252 ft<sup>2</sup> replaced

**FY2024/25-FY2025/26: 4,507,924 ft<sup>2</sup> replaced**



#### Clothes Washers:

February: 1,354 units rebated

**FY2024/25-FY2025/26: 5,759 units rebated**



#### Trees (part of Turf Replacement Program):

February: 190 trees rebated

**FY2024/25-FY2025/26: 1,459 units rebated**



#### Toilets:

February: 3,048 units rebated

**FY2024/25-FY2025/26: 11,256 units rebated**



#### Smart Controllers:

February: 589 units rebated

**FY2024/25-FY2025/26: 4,444 units rebated**



#### Sprinkler Nozzles:

February: 3,183 units rebated

**FY2024/25-FY2025/26: 13,301 units rebated**

(1) Expenditures may include advertising and Water Savings Incentive Program activity in addition to the incentives highlighted above.



Engineering, Operations, & Technology Committee

# Annual Infrastructure Resilience Update

Item 9-2

April 7, 2025

## Item 9-2 Annual Infrastructure Resilience Update

### Subject

Annual Infrastructure Resilience Update

### Purpose

- Provide updates on:
  - Strategic Infrastructure Resilience Plan (SIRP) Seismic resilience activities

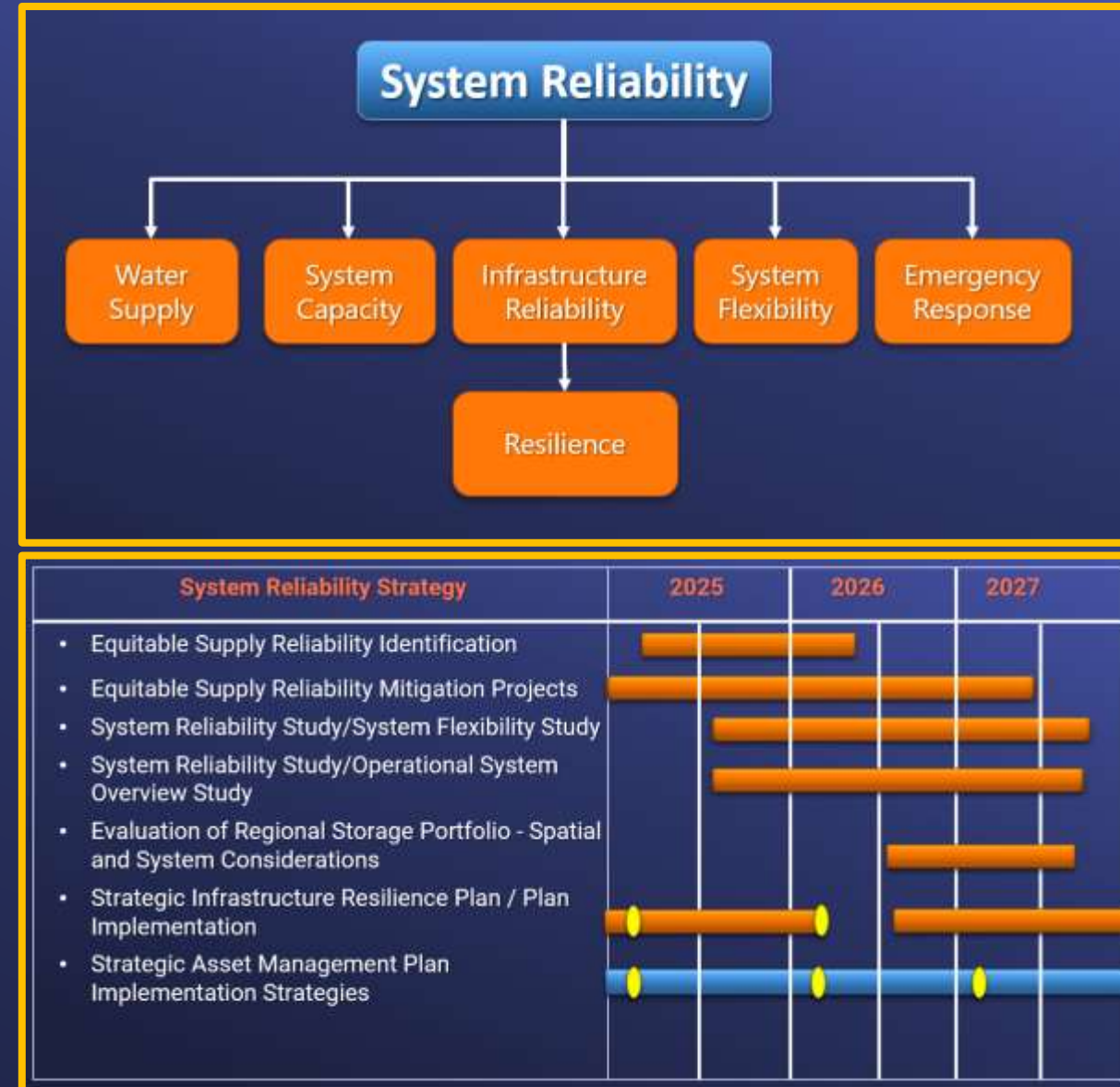
### Next Steps

- Continue development of the SIRP & inform CAMP4W
- Continue improvement of infrastructure seismic resilience



# Strategic Infrastructure Resilience Plan (SIRP)

- A component of Metropolitan's System Reliability Strategy
- SIRP - component of an integrated process to identify activities to improve Metropolitan's infrastructure
- A joint activity between SRI & Engineering
- Identified projects, programs, or activities will inform the CAMP4Water process
  - Addressed in Working Memorandum 7



# Purpose of the SIRP

- Formulate strategies to improve infrastructure resilience
- Align organization-wide resilience efforts by defining vision, goals & strategies
- Guide the development of a comprehensive resilience program & its implementation
- Ensure integration of resilience program into existing operational framework & alignment with other core programs

# SIRP Development Road Map



## Phase 1 Scope

- Initiate SIRP Development
- Identify Characteristics of Resilient Infrastructure Systems
- Identify Key Hazards
- Develop Maturity Scale
- SME Survey: Establish Resilience Maturity Levels



## Phase 2 Scope

- Establish Target Maturity Levels
- Assess Resilience Gaps
- Develop Strategies to Close the Gaps
- Establish Infrastructure Resilience Goals

## Phase 3 Scope

- Develop SIRP Implementation Plan
- Prepare SIRP final draft
- Present SIRP at the 2026 infrastructure resilience update

Increasing Threats & Consequences of Service Disruption

Improve Ability to Withstand, Adapt to & Recover From Hazard Strikes



2022

Phase 1

2023

Phase 2

2024

Phase 3

2025





# SIRP Phase 2 Development Updates

- Establish target maturity levels – completed
  - Based on survey of subject matter experts (SME)
- Determine maturity gaps
  - SME survey conducted in Phase 1 development
  - Subjectivity affected consistency of survey results
  - Establishing resilience goals that align expectations & minimize subjectivity
  - Follow-up survey in planning
- Establish infrastructure resilience goals – completed

# Maturity Gaps Assessment

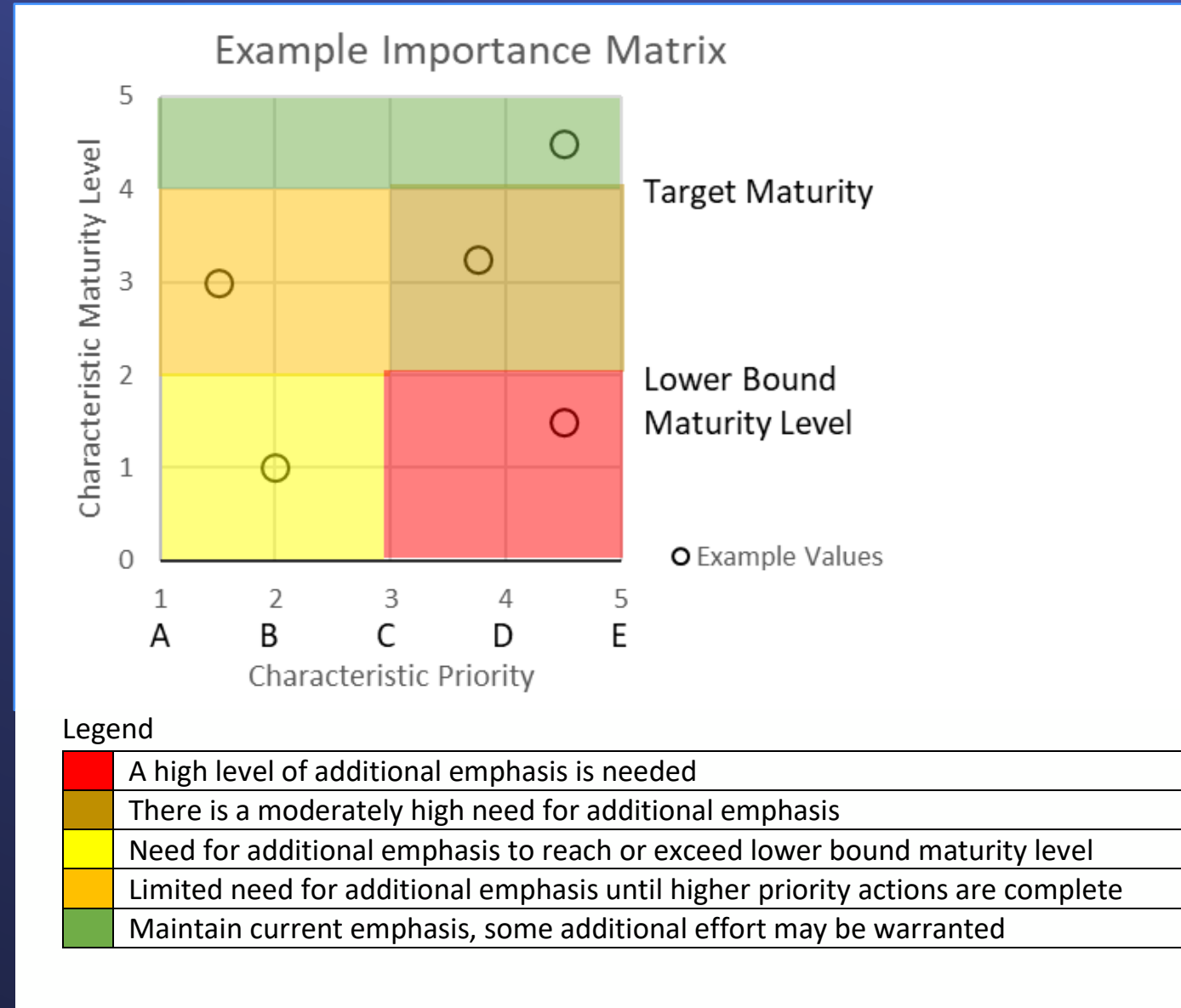
- Resilience against:
  - Natural hazards
    - Example: Earthquakes, floods, wildfires
  - Technical hazards
    - Example: Cyber attacks
  - Human-caused hazards
    - Example: Accidental infrastructure damage
  - Unanticipated Events
    - Example: Pandemic (pre-2020)
- Maturity gap analysis identifies key weaknesses in systems & prioritizes mitigation efforts

## Hazards Evaluated

- Earthquake
- Drought
- Wind
- Wildfire
- Flood
- Technical & Human-Caused Hazards
- General & Unanticipated Events

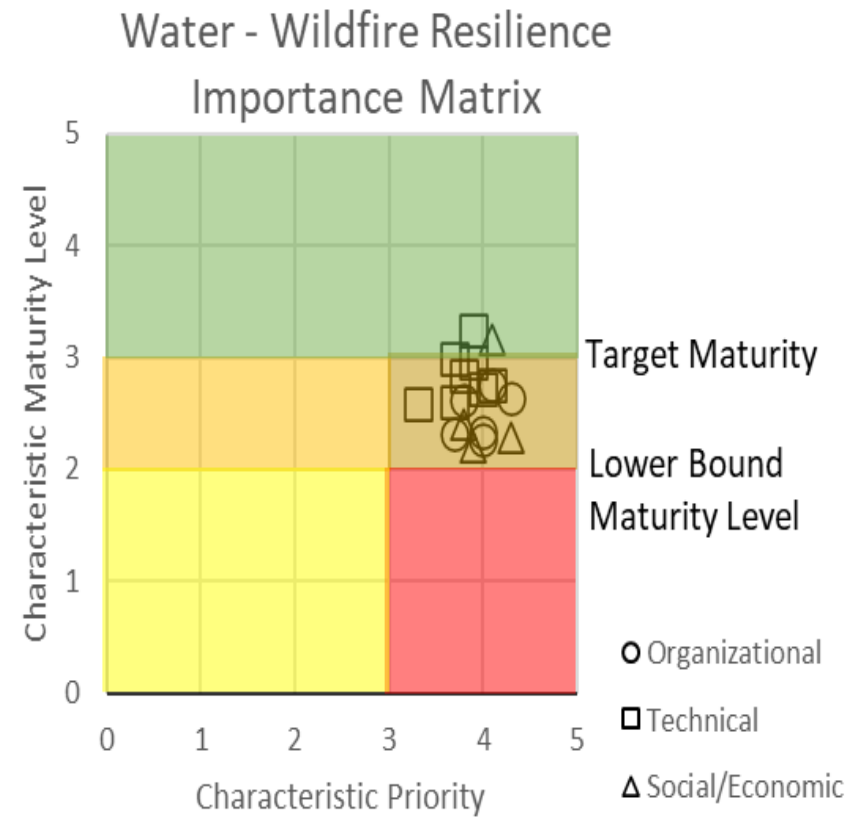
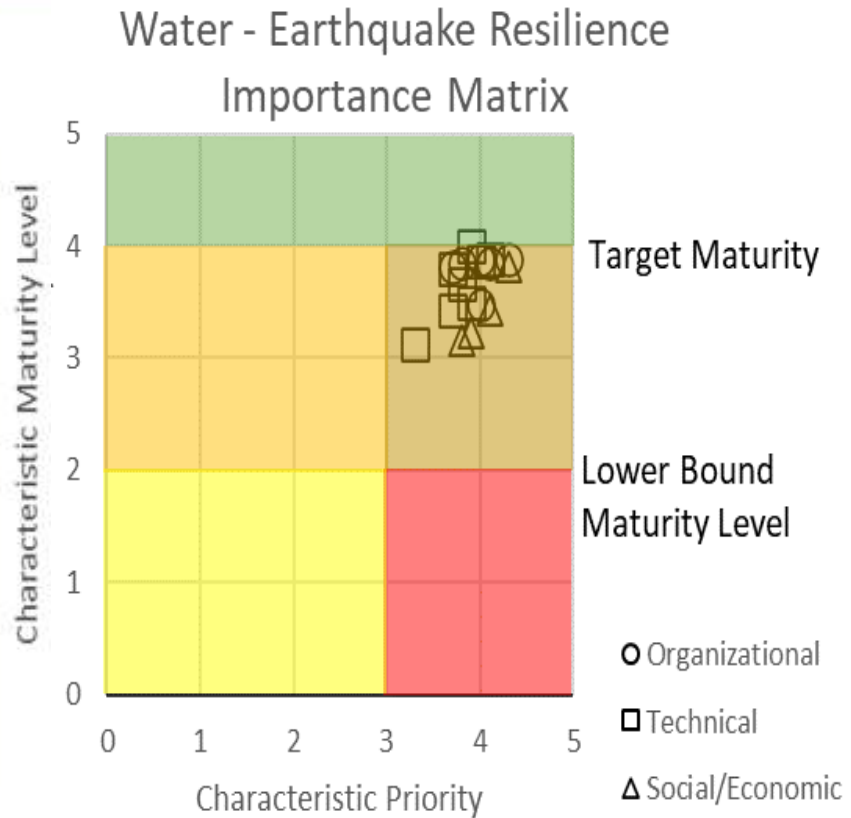
# Importance Matrix

- Developed for each hazard
  - Target Maturity Level: all characteristics of a hazard should strive to achieve
  - Lower Bound Maturity Level: all characteristics of a hazard should meet
  - Zones: defining levels of urgency to place on improving characteristics
- Helps to identify maturity gaps & prioritize mitigations



# Importance Matrices

## Survey Results for Earthquake & Wildfire Resilience

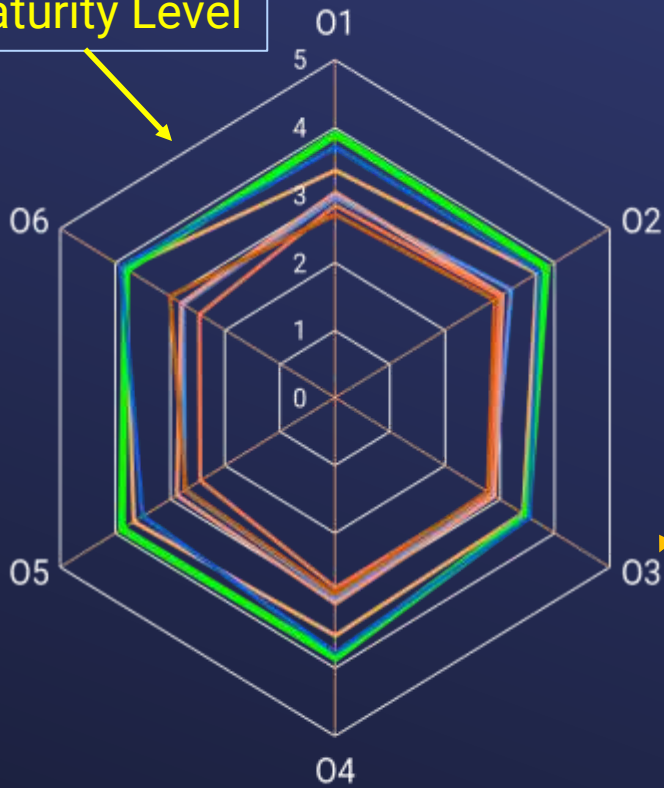


# SIRP Resilience Goals Categories

- Drafted 18 goals (6-Organizational, 8-Technical, 4-Social/Economic) with clearly defined attributes to assess maturity levels

## Resilience Goal Example

Maturity Level



### Organizational Goals

01
Organization Structure
02
Stability & Capacity
03
Adequate Resources
04
Advanced Planning
05
Response Protocols
06
Continuity

### Organizational Goal 3 (03): Adequate Resources

#### Definition:

Metropolitan will ensure adequate support and resources to implement resilience measures.

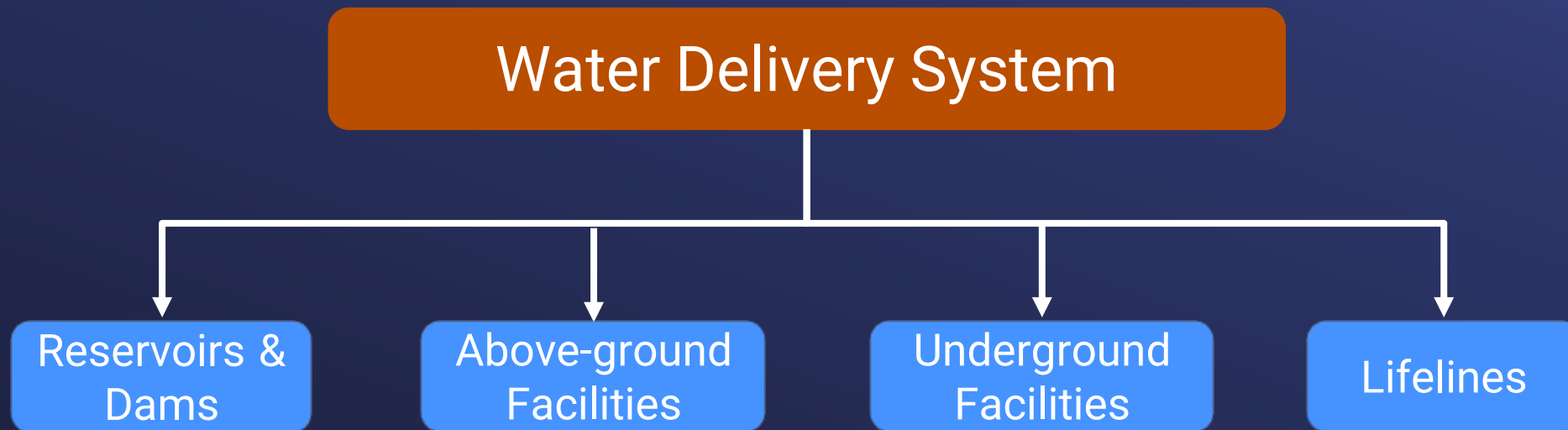
#### Description:

Metropolitan will *create written plans* for developing and implementing *a hazard resilience program*. Metropolitan will strive to maintain a resilience program that is encouraged and supported by *all stakeholders*. The program will embody *multi-hazard resilience* and incorporate all existing hazard resilience plans (e.g., earthquake). Metropolitan will endeavor to ensure it has *adequate resources* to implement resilience measures over time.

— GENERAL — EARTHQUAKE — DROUGHT — FLOODING — WILDFIRE — WIND — TECHNOLOGY AND/OR HUMAN-CAUSED HAZARDS

# Infrastructure Resilience Update – Seismic Resilience

- Approach to enhance resilience
  - Pre-event mitigation
    - Minimize impacts of seismic events on water delivery
  - Post-event restoration
    - Quickly restore system capacity to prevent lasting adverse effects

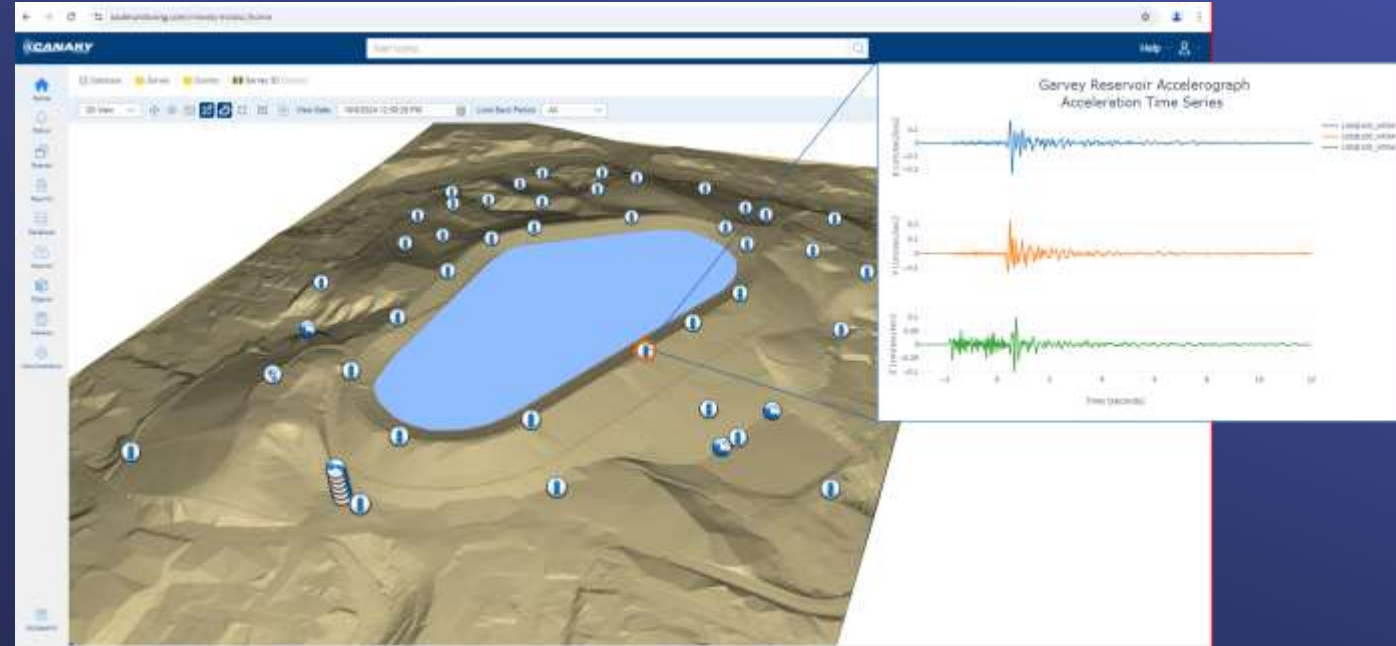


Categorization of Major Facilities for Seismic Program



# Seismic Risk Mitigation Update – Reservoirs & Dams

- Dam Risk Assessments
  - Lake Mathews complete
  - Lake Skinner being finalized
  - Additional assessments planned
- Monitoring System Upgrades
  - Garvey Reservoir complete
  - DVL underway
  - Additional system upgrades planned



Garvey Reservoir Accelerograph Output



# Seismic Risk Mitigation Update – Above-ground Facilities

- Completed Activities
  - Construction of Foothill HEP/PCS seismic upgrade
  - Seismic assessment of Upper San Gabriel Tower
- Ongoing Activities
  - La Verne Water Quality Lab Rehabilitation
    - Preliminary design complete
  - Weymouth Admin & Control Buildings
    - Final design nearly complete



Column Strengthening of Foothill HEP/PCS

# Seismic Risk Mitigation Update – Underground Facilities

- Complete inspections of meter structures largely complete
- Develop app to standardize data collection in the field to prepare for subsequent data analytics



GIS Application of Meter Inspection Results

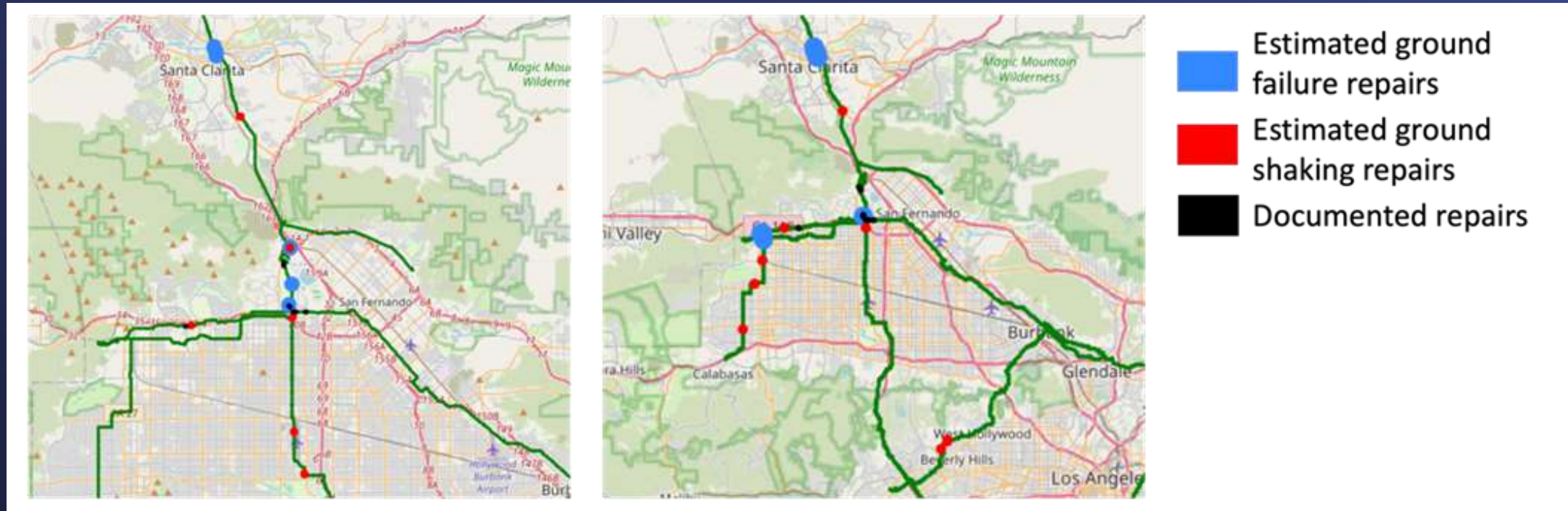
A screenshot of a mobile application titled "Meter Structure Assessment Vulnerability App". The app is designed for data collection in the field. It features a green header bar with a close button and a menu icon. The main content area is divided into sections for "Access" and "Structure". The "Access" section includes dropdown menus for "Type of structure", "Door Coating", "Ladder", "Below ground structure entrance", "Platforms", "Handrail", and "Above ground structure entrance". It also has radio buttons for "Maintenance Hole Safety Lid" (Installed/Not Installed). The "Structure" section contains several assessment categories, each with a list of conditions and a corresponding visual condition dropdown menu. These categories include: "Cast in place Concrete Wall, roof and floor Visual Condition", "Precast concrete elements/ manhole rings/ grade rings Visual Condition", "Structure water infiltration", "Wall and Slab Condition", "Roof Condition", and "Water Intrusion". Each dropdown menu lists five conditions, with the top condition being the most favorable (e.g., "5: Temperature/shrinkage cracking only. No rust stains or spalling. No Efflorescence or other deterioration").

Condition Assessment App



# Seismic Risk Mitigation Update – Lifelines

- Update pipeline seismic vulnerability study
- Initiate CRA tunnels seismic evaluation
- Continue prestressed concrete cylinder pipe rehabilitation



Northridge Earthquake Hindcast Estimated Repair Scenarios

# Measures to Enhance Resilience against Extreme Events

- Build up emergency response capability
  - Maintain in-house resources & expertise
  - Completion of La Verne Shops Stage 5 Improvements
  - Promote inter-agency collaboration (Aqueduct Seismic Resilience Task Force)



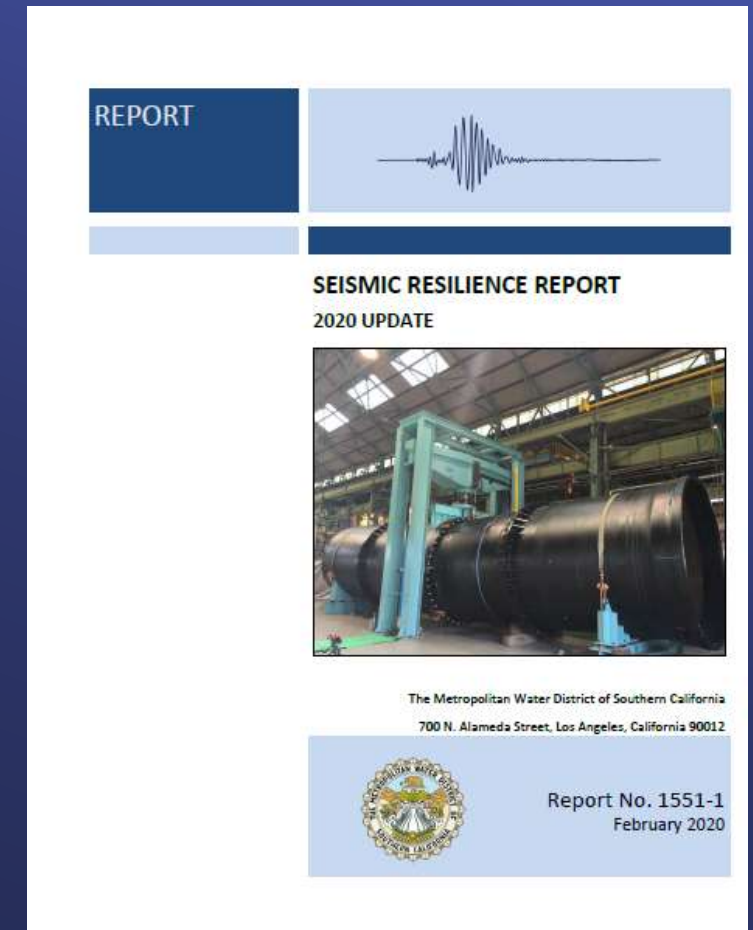
Plasma Table Contractor Provided Training at La Verne Machine Shop



Task Force Emergency Response Exercise (CalOES, CalWARN, DWR, LADWP, MWD)

# Next Steps – Infrastructure Resilience

- SIRP
  - Refine maturity gap analysis
  - Develop an SIRP implementation plan
  - Prepare final draft of SIRP
  - Present SIRP in Spring 2026
- Seismic
  - Continue implementation of seismic upgrade program to improve infrastructure reliability
  - Develop restoration strategies to supplement retrofit/upgrade efforts to plan for resilient infrastructure
  - Complete 2025 Seismic Resilience Report Update



2020 Seismic Report







## Group

### • Real Property Quarterly Report (Q3) January 1 to March 31, 2025

#### Summary

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This report provides an update on real estate activities for the period of January 1, 2025, through March 31, 2025. During this reporting period, twelve (12) transactions were executed, including six (6) transactions for the acquisition of real property interests for Metropolitan use, six (6) transactions for the issuance of rights to use Metropolitan land by others, and zero (0) transactions for the disposition of Property and/or Property Rights by Metropolitan. These transactions include secondary compatible uses on Metropolitan property and the acquisition of property and/or property rights for construction and operational purposes.

#### Purpose

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Metropolitan Water District Administrative Code Section 2720: General Manager's Quarterly Reports

Metropolitan Water District Administrative Code Section 8257: Quarterly Report

#### Attachments

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Attachment 1 Fee properties, easements, leases, licenses, and permits acquired for Metropolitan use

Attachment 2 Easements, leases, licenses, and permits issued to others by Metropolitan

Attachment 3 Disposition of Property and/or Property Rights by Metropolitan

#### Detailed Report

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##### Fee Properties, Easements, Leases, Licenses and Permits acquired by Metropolitan

A six-month entry permit was obtained from the Los Angeles County Flood Control District to conduct soil resistivity testing on two parcels in Bellflower as part of the Pure Water Southern California Program. The tests support geotechnical exploration to determine pipeline feasibility along the proposed alignment.

A one-week temporary entry permit was acquired from Southern California Edison to conduct soil resistivity testing on 16 parcels across ten cities in Los Angeles County in support of the Pure Water Southern California Program. This geotechnical exploration is used to help determine pipeline feasibility along the proposed alignment.

A four-month extension of a License Agreement was obtained from the Serrano Highlands Master Association to complete restoration activities incurred from the construction of the Allen McCulloch Pipeline Urgent Repair Project.

A four-month Purchase and Sale Agreement extension was obtained from Scuderia Development LLC to complete construction on the Perris Valley Pipeline Project. This Agreement and temporary construction easement were necessary to accommodate the turning radius of heavy construction vehicles during construction.

Two license amendments were executed with Bcore Retail Heritage Hill LLC to extend the current licenses for one additional month. The licenses were necessary to provide temporary field office spaces supporting the Allen McCulloch Pipeline PCCP Urgent Relining project in the City of Lake Forest.

Date of Report: April 8, 2025



## Board Report Real Property Quarterly Report (Q3) January 1 to March 31, 2025

### **Easements, Leases, Licenses, and Permits issued to others by Metropolitan**

Two entry permits have been issued to Brookfield and Masters University for potholing purposes along the San Diego Pipeline 4 and Foothill Feeder right of way in Temecula and Santa Clarita, respectively. The permits will help facilitate two distinct private development projects adjacent to Metropolitan's land as well as minimize potential impacts to Metropolitan's facilities.

A new lease has been executed with Bouldin Farming Company comprising the entirety of Webb Tract in the Bay Delta. The lease is for an eight-month term to allow the farming of a winter wheat crop and to offset Metropolitan's land maintenance costs. Staff is working towards securing a long-term lease through an RFP process.

Metropolitan recently entered into an option to lease agreement with a subsidiary of AES Corporation (AES) for a long-term lease of up to 6,742 acres of Metropolitan's Palo Verde Mesa property to be used for carbon-free energy production and storage, contingent upon further project permits, approvals and environmental clearances under CEQA. If AES successfully obtains the permitting and approvals and exercises its option to lease, Metropolitan and AES would execute a long-term for all or a portion of the 6,742 acres.

Lease amendments were executed to extend the tenancy of Dinelli Farms and Sierra Cattle on Bouldin Island for an additional one-year period and the option to renew for a second, one-year extension. Staff is continuing to assess the feasibility of rice farming and other uses on the islands with intentions to publish an RFP in 2025 or 2026.

### **Disposition of Property and/or Property Rights by Metropolitan**

None

### **Annexations**

None

**Fee Properties, Easement, Leases, Licenses and Permits acquired for Metropolitan Use  
During 3rd Quarter of FY 2024/25  
January 1, 2025 through March 31, 2025**

[illegible]

<sup>(1)</sup> No compensation due to the mutual benefits derived by both parties.

(2) No compensation required by the property owner.

(3) Transaction not reported in previous quarter due to timing of report deadline or executed contract.

Easements, leases, licenses, and permits issued to others by Metropolitan  
During 3rd Quarter of FY 2024/25  
January 1, 2025 through March 31, 2025

Grantee/Lessee/Licensee	ACREAGE	TYPE	TERM	USE	EXECUTION DATE	REVENUE
Brookfield	4.2	Permit	12 Weeks	Geotechnical	12/11/2024	\$4,000 lump sum
Master's University	12	Permit	10 Days	Geotechnical	12/16/2024	\$2,500 lump sum
Bouldin Farming Company	5,497.0	Lease	8 Months	Agriculture	1/27/2025	35% of net profit
AES Corporation	Up to 6,742	Option to Lease	5-9 Years	Carbon Free Energy	2/27/2025	\$100,000 annually
Dinelli Farms	3,103	Lease Amendment	1-2 Years	Agriculture	3/12/2025	\$315,413 annually
Sierra Cattle	2,728	Lease Amendment	1-2 Years	Agriculture	3/17/2025	\$336,150 annually

\* Transaction not reported in previous quarter due to timing of report deadline or executed contract  
n/a = Not Applicable

Disposition of Property and/or Property Rights by Metropolitan  
During 3rd Quarter of FY 2024/25  
January 1, 2025 through March 31, 2025

GRANTEE	AREA	TYPE	TERM	USE	EXECUTED DATE	SALES PRICE