



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA

# Board Report

## Operations Groups

### • November Operations Groups Monthly Activities Report

#### Summary

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This monthly report for the Operations Groups provides updates to the General Manager's Business Plan and a summary of activities for October 2025 in the following key areas:

- Enhance Workforce Safety and Security
- Develop Workforce and Prepare Employees for New Opportunities
- Manage Business Operations, Budget, and Staffing
- Ensure Resilient and Reliable Operations
- Advance Pure Water Southern California
- Develop New Supplies and Optimize System Flexibility
- Protect Source Waters
- Optimize Water Treatment and Distribution Operations
- Ensure Water Quality and Environmental Compliance
- Optimize Maintenance and Asset Management
- Support Capital Project Development and Implementation
- Enhance Emergency Preparedness and Response
- Engage in Legislative and Regulatory Processes
- Advance Education and Outreach Initiatives
- Engage with Member Agencies and Other Stakeholders on Technical Matters

#### Purpose

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Informational by the Operations Groups on a summary of key activities and updates for the month of October 2025.

#### Attachments

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Attachment 1: Detailed Report – Operations Groups' Monthly Activities for October 2025

# Operations Groups

## GM Business Plan Updates

**GOAL:** Develop a Biennial Budget that Meets Metropolitan's Needs

**OUTCOME:** Implement risk-informed capital investment planning to ensure reliable critical infrastructure

**UPDATE:** Held kick-off meeting with consultant to begin development of Asset Management Benchmarking survey, including climate adaptation alignment practices. Draft survey questions and a potential list of participating utilities have been developed. Survey to be sent out in November 2025

**OUTCOME:** Budget for enhanced mission-critical capabilities

**UPDATE:** Operations Projects & Asset Management staff are working closely with the Engineering Capital Investment Plan (CIP) Office to begin evaluating budget scenarios that optimize the CIP long-term budget forecast by prioritizing risk reduction and high-value projects.

**GOAL:** Execute CAMP4W Implementation Strategy to Integrate Climate Adaptation District-Wide

**OUTCOME:** Assess climate risks and vulnerabilities

**UPDATE:** Held consultant-facilitated workshop with Sustainability, Resilience and Innovation (SRI) and Operations Projects & Asset Management (OPAM) staff to review alignment and coordination of Climate Action Plan and Asset Management (AM) Program. Consultant will provide summary of findings and recommendations.

**OUTCOME:** Evaluate projects and programs using the CAMP4W assessment criteria

**UPDATE:** Operations staff completed the assessment of two CAMP4W projects: Pure Water (45 MGD, 75 MGD, and 150 MGD) and Sites Reservoir. On October 20, the CAMP4W team met to discuss the development of portfolios with Member Agency Managers.

**GOAL:** Complete EIR and Planning, for Board to Consider Pure Water Southern California

**OUTCOME:** Prepare for possible implementation through contractor outreach and water quality research

**UPDATE:** Staff worked with Los Angeles County Sanitation Districts to finalize installation of snail mitigation equipment ahead of the planned transition to the next testing phase. Operations began with a second parallel reverse osmosis train to allow testing of alternative suppliers of reverse osmosis membranes.

# Operations Groups

**GOAL:** Achieve Equitable Supply Reliability for State Water Project (SWP)-Dependent Areas

**OUTCOME:** Evaluate further potential investments toward addressing SWP-Dependent Areas

**UPDATE:** Operations staff continue to analyze future drought sequences and identify potential vulnerabilities to SWP-dependent areas.

**GOAL:** Provide Organizational Stability and Deliver Operational Excellence

**OUTCOME:** Maintain excellence in daily operations and reliability

**UPDATE:** Water Quality joined four teams submitting proposals to the Water Research Foundation on projects related to microplastics, emerging disinfection byproducts, and pathogen detection in reuse applications.

The various teams in the golden mussel taskforce continued to assess and design mussel control measures to protect infrastructure and groundwater replenishment deliveries, develop control plans, coordinate with impacted agencies, and review environmental requirements relating to chemical control. Golden mussel veligers were detected within Metropolitan's system at the influent to the Mills plant.

Water continues to be managed according to Water Surplus and Drought Management principles and operational objectives according to the Annual Operating Plan, with an emphasis to position SWP supplies to meet future demands in the SWP-dependent areas.

# Operations Groups

## The Metropolitan Water District of Southern California

Monthly Operations At-A-Glance

October 2025

30-day window: September 24–October 24

Distribution \* denotes change compared to previous 30-Day period

30-Day Member Agency Deliveries

**3,860 AF/Day**

Change in Deliveries\*

**▼ -830 AF/Day**

Recorded **September** Deliveries to Member Agencies

Consumptive and Replenishment

**132 TAF**

Forecast **October** Deliveries to Member Agencies

Consumptive and Replenishment

**119 TAF**

Recorded **September**

Deliveries utilizing

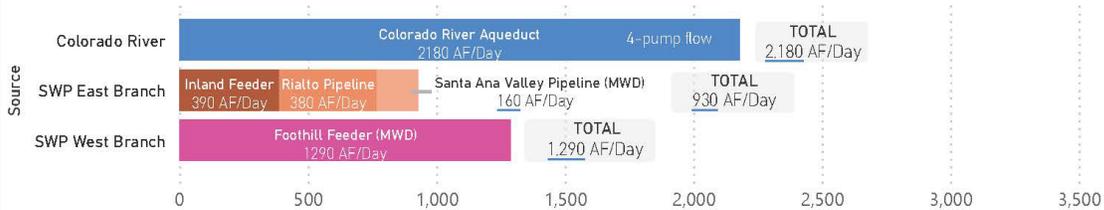
water programs

(CYC, RCYC, CUP, CCOP)

**10 TAF**

### Supply

30-Day Average by Source (AF/Day)



### Storage

Data as of October 24, 2025

Lake Mathews

157,800 AF

▼ -8,590 AF\*



Lake Skinner

38,100 AF

▼ -530 AF\*



Diamond Valley Lake

766,600 AF

▼ -4,420 AF\*



### Hydropower

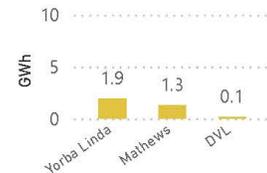
30-Day Total Generation:

**3.3 GWh**

30-Day Average Power:

**4.5 MW**

30-Day Total Generation by Plant



### Water Quality

Plant Name	Targeted Blend (% SPW)	Current TDS (mg/L)	TTHMs (µg/L)	Flow-Weighted RAA TDS (mg/L)
	As of 10/22/2025	As of 10/22/2025	As of 10/6/2025	
Weymouth	60%	460	27.0	548
Diemer	60%	462	22.0	531
Skinner	40%	494	16.0	542
Jensen	100%	286	12.0	297
Mills	100%	211	18.0	212

TDS = Total Dissolved Solids

TTHM = Total Trihalomethanes

RAA = Running Annual Average

# Operations Groups

## Operations Groups Business Plan Strategic Priorities & Objectives

### Strategic Priority #1: EMPOWER

#### Enhance Workforce Safety and Security

Desert staff coordinated with Safety, Regulatory and Training to host a High-Voltage Switching training course. This class trains new employees in high-voltage switching and System Operating Orders Manual (SOOM) procedures. The class is 80 hours and includes both in-class and hands-on training.



Staff conducting grounding practice for switching class



Staff in high-voltage switching training

# Operations Groups

Mills plant staff performed a facility-wide clean-up day, performing a thorough cleaning and washdown of the chemical tank farms, underground tunnel systems, and other process areas. Employees were organized into teams and assigned designated areas to clean. These clean-up days are essential for maintaining the facility's sanitary condition and ensuring work areas remain free of dirt, cobwebs, and trash.



Staff wiping down area (left) and hosing down overhead piping (right)

## Develop Workforce and Prepare Employees for New Opportunities

In September, the Skinner plant welcomed a new mechanical pre-apprentice as part of the latest incoming class. To begin the learning process, a journey-level mechanic guided the pre-apprentice through rebuilding a small pump. This hands-on experience allowed the pre-apprentice to start learning the intricacies of the job and gain valuable insight into mechanical systems.



Journey-level mechanic teaching a pre-apprentice how to rebuild a small pump

# Operations Groups

## Strategic Priority #2: SUSTAIN

### Manage Business Operations, Budget, and Staffing

Operations Groups managers attended the required Safety Culture Leadership Training hosted by the Office of Safety, Security and Protection. This training highlights why safety culture is important across Metropolitan and how safety culture has changed and evolved over the last few decades. Participants learned how safety culture is permeated into our everyday lives, and how every one of us has a part to play in safety.

## Strategic Priority #3: ADAPT

### Ensure Resilient and Reliable Operations

Metropolitan member agency water deliveries are projected to be 119,000 acre-feet (AF) for October with an average of 3,840 AF per day, which is about 730 AF per day lower than in September. Treated water deliveries were 8,000 AF lower than in September for a total of 62,800 AF, or 46 percent of total deliveries for the month. The Colorado River Aqueduct (CRA) projected diversions are 98,790 AF in October. SWP imports averaged 2,760 AF per day, totaling about 85,600 AF for the month. The target SWP blend is currently 100 percent at the Diemer and Weymouth plants to support the Lake Mathews shutdown. The target SWP blend remains at 40 percent for the Skinner plant.

Metropolitan has sufficient SWP and Colorado River supplies, combined with ample storage reserves, to meet demands in 2025. Water continues to be managed according to Water Surplus and Drought Management (WSDM) principles and operational objectives with an emphasis on positioning SWP supplies to meet future demands in the SWP-dependent area. The SWP Allocation is 50 percent for the calendar year, and Metropolitan is operating to manage its surplus supplies. Cyclic program deliveries were paused in late September due to increased detections of the invasive golden mussel. In response, CRA pumping has been reduced, and SWP blends at the blended treatment plants are scheduled to increase for the remainder of the year.

# Operations Groups

## Advance Pure Water Southern California

During October, staff performed the quarterly clean-in-place on one of the membrane bioreactor systems at the Napolitano Innovation Center demonstration plant. Work continues with Los Angeles County Sanitation District's staff to finalize installation of snail mitigation equipment ahead of the planned early November transition to the next testing phase. A crack was identified in the influent line to the demonstration plant necessitating an emergency replacement; staff brought the plant back online within 24 hours of the crack developing. Staff also began operating the reverse osmosis system in a new mode with a second parallel train to begin testing of alternative suppliers of reverse osmosis membranes.



**Staff performing emergency repairs on a cracked flange on the demonstration plant influent**

## Develop New Supplies and Optimize System Flexibility

Staff participated in a kick-off and planning meeting for a deep ocean well desalination project lead by the Las Virgenes Municipal Water District. The meeting included discussion and brainstorming about bringing this potential new supply into Metropolitan's system near the Jensen plant to increase supply and system flexibility. This month, staff also celebrated with Engineering and project consultants a milestone achievement of reaching the construction phase on the new Venice Pump Station project, which will add system flexibility and extra drought reliability to the SWP-dependent area.

Operations staff completed the assessment of two CAMP4W projects: Pure Water (45 MGD, 75 MGD, and 150 MGD) and Sites Reservoir. On October 20, the CAMP4W team met to discuss the development of portfolios with Member Agency Managers.

# Operations Groups

## Strategic Priority #4: PROTECT

### Protect Source Waters

On October 2, staff participated in the annual Municipal Water Quality Investigations (MWQI) Program meeting hosted by the Santa Clarita Valley Water Agency. The meeting brought together State Water Contractors to review the program's accomplishments and discuss emerging water quality challenges facing the SWP. Key presentations included an overview from Santa Clarita Valley Water Agency on local water quality management strategies, an analysis of manganese levels at critical SWP facilities, and discussions on harmful algal bloom monitoring efforts.



MWQI tour of Santa Clarita Valley Water Agency's groundwater PFAS treatment facility

### Optimize Water Treatment & Distribution Operations

The SWP target blend entering the Weymouth and Diemer plants increased from 40 to 100 percent this month to support the upcoming Lake Mathews outage. The SWP target blend entering Lake Skinner increased from 40 to 75 percent in late October. Flow-weighted running annual averages for total dissolved solids from October 2024 through September 2025 for Metropolitan's treatment plants capable of receiving a blend of supplies from the SWP and the CRA were 548 mg/L, 531 mg/L, and 542 mg/L for the Weymouth, Diemer, and Skinner plants, respectively.

# Operations Groups

## Ensure Water Quality and Environmental Compliance

Staff completed installation of a new domestic water tank effluent valve and performed a pipe manifold replacement at the Iron Mountain pump plant. Close coordination was required with the Water Quality Section to plan the outage and test the water prior to safely returning the system to service.



Staff installing new stainless steel pipe and valves for the Iron Mountain domestic water system

# Operations Groups

Staff and contractors have completed the removal of the failed fluorosilicic acid (FSA) tanks at the Jensen pump plant. Staff completed preparation work at the FSA tank farm for the newly procured tanks that are expected to arrive at the end of October. The installation of the new tanks is scheduled to begin in November and is expected to be completed by March 2026.



**Removal of an FSA tank at the Jensen plant**

# Operations Groups

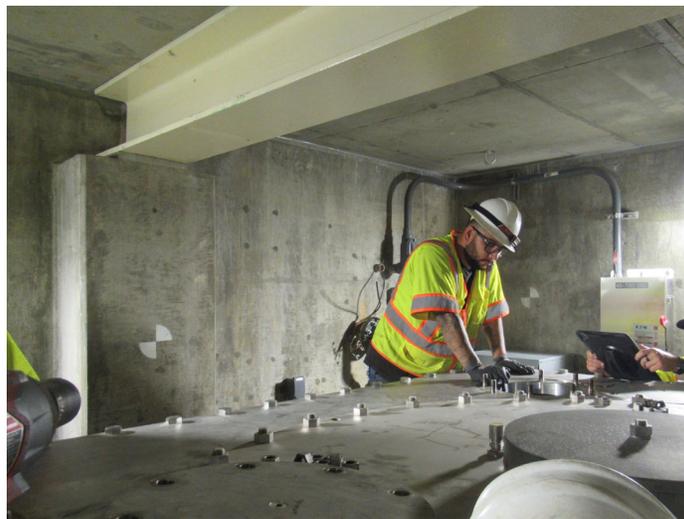
## Optimize Maintenance and Asset Management

Staff continue construction efforts to improve the Desert facility infrastructure by constructing an additional 10 carport canopies to protect the residents' vehicles from the intense desert sunlight and heat. The project began with constructing four concrete slabs at the Gene village and will continue with six concrete slab placements at the Iron Mountain village. The work includes site grading and concrete placement for the canopies and anchoring of the structures to protect them from damage by frequent wind events experienced at the Desert facilities.



Staff grading site for form installation (left) and setting concrete forms (right) at the Gene village

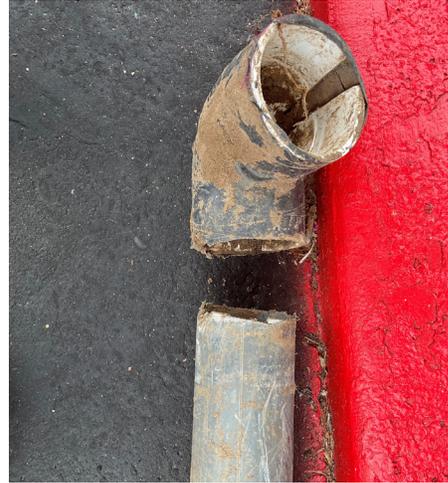
Staff recently performed routine preventive maintenance on a 48" conical plug valve on the Second Lower Feeder. This location provides critical isolation in the southern portion of the Central Pool during outages for maintenance and repair.



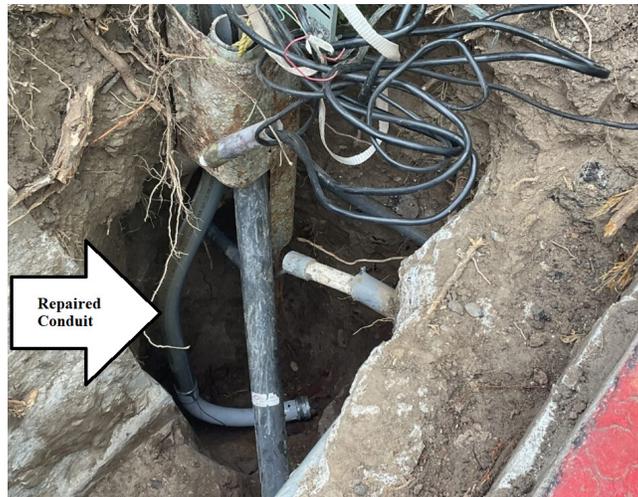
Staff monitoring a valve during maintenance to ensure proper operation

# Operations Groups

Staff continued to work on replacing older copper communication lines at remote locations. The new fiber optic cables will allow for higher bandwidths, enhanced security capabilities, and improved reliability in areas that frequently experience communication issues. A crew working at the Coastal Junction Pressure Control Structure completed the fiber optic prerequisites while also identifying and repairing the electrical conduit that had not been installed correctly.



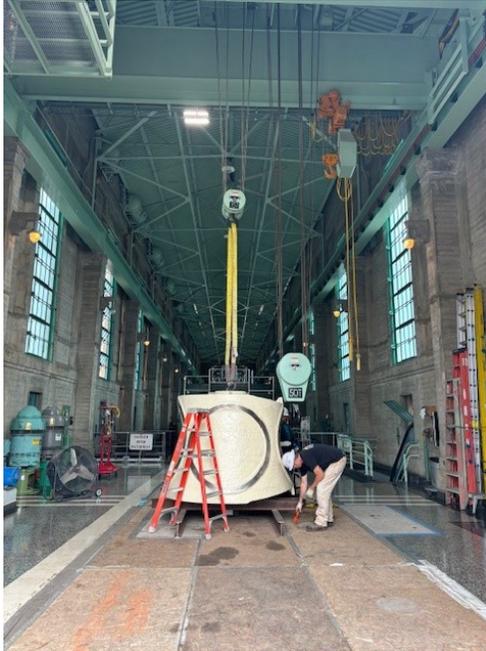
Staff excavating to complete the repair (left) and the improperly installed conduit (right) at Coastal Junction PCS



Completed conduit repair

# Operations Groups

Staff continued repairs on the Gene Unit 1 discharge valve. This month, staff prepared the valve plug for installation of new bushings.



**Staff preparing Gene Unit 1 discharge valve plug for installation of bushings**

# Operations Groups

Recent seasonal storms brought heavy rainfall along the CRA. This type of storm moves large masses of dirt and creates voids causing damage to the roads along the CRA embankments and retaining berms. Staff is busy repairing sites at all Desert plant locations and along the CRA.



**Site along the CRA affected by recent storms (left) and staff repairing roads along the CRA after recent storm damage (right)**



**Staff repairing roads along the CRA after recent storm damage**

# Operations Groups

## Support Capital Project Development and Implementation

Staff, in conjunction with a contracted value engineering firm, took part in value engineering meetings for the Pump Plant Delivery Line Rehabilitation capital project. These meetings bring together all stakeholders and look to highlight and address possible obstacles for the upcoming project.



**Staff attending the value engineering workshop for the Delivery Line Rehabilitation Project at Gene**

Staff performed a pump test this month which pumped water from Diamond Valley Lake (DVL) to the San Bernardino Valley Municipal Water District's (SBVMWD) Foothill Pump Station using the Inland Feeder. This test was done to ensure the system works as designed, which is part of a series of drought projects that ultimately will convey water from DVL along the Inland Feeder to the Rialto Pipeline. The test ran one pump at the Wadsworth Pump Plant at 150 cfs for two hours. The water was released into an SBVMWD groundwater recharge basin. This marks a significant milestone in demonstrating system improvements that will help improve reliability for the SWP-Dependent Area.



# Operations Groups

## Water from DVL being released at a groundwater replenishment turnout operated by SBVMWD (left) and Metropolitan staff at the control room of the Wadsworth Pump Plant (right)

Staff continued work to expand an area previously excavated at the Iron Mountain pump plant for the switch rack rehabilitation capital project. The project scope requires enlarging the area to create additional space behind the future building. The hillside is mostly rock, requiring extensive hammering and clearing.



Staff excavating for the switch rack rehabilitation project at the Iron Mountain pump plant

## Enhance Emergency Preparedness and Response

Staff completed construction of the Diemer Helicopter Hydrant facility. The helicopter hydrant consists of an open-top tank and supporting infrastructure, allowing helicopters to collect water for firefighting quickly. Metropolitan collaborated with the Yorba Linda Water District to develop a project benefiting both agencies. The Yorba Linda Water District provides up to \$500,000 in grant funding, technical support during design and construction, and coordination with the California Department of Forestry and the Fire Protection and Orange County Fire Authority to ensure acceptable design and operational criteria. Metropolitan will own and operate the completed facility.

# Operations Groups



## Completed Diemer Heli-Hydrant

Diemer plant staff are working on a project to replace evacuation area supply boxes throughout the site. The old boxes were made of fiberglass and have deteriorated due to being exposed to the elements. The boxes contain emergency supplies, personal protective equipment, and documentation to confirm that staff are accounted for during a plant evacuation. The evacuation areas were surveyed to ensure they were in accessible areas while keeping staff safe.



Staff replacing an evacuation area supply box at Diemer plant

# Operations Groups

## Strategic Priority #5: PARTNER

### Engage in Legislative and Regulatory Processes

On September 4, the Office of Management and Budget released the Spring 2025 Unified Agenda, outlining EPA's upcoming priorities. Key actions include:

- PFAS MCLs: EPA plans to propose in October 2025 extending PFOA and PFOS compliance deadlines from 2029 to 2031, with a final rule expected by April 2026.
- PFAS Rule Rescission: EPA intends to rescind MCLs for PFHxS, PFNA, GenX, and the Hazard Index (proposal in September 2025, final in February 2026).
- CERCLA Designations: EPA plans to add seven PFAS as hazardous substances; the final rule has been delayed indefinitely pending development of an implementation framework.
- RCRA Updates: EPA will expand PFAS regulation by revising the "hazardous waste" definition and listing nine PFAS as "hazardous constituents"; both rules are slated for finalization by April 2026.
- WOTUS Revision: EPA will propose a new definition of "Waters of the United States" in fall 2025 in response to *Sackett v. EPA*.

Staff will continue monitoring these rulemakings and assess their potential operational and compliance impacts.

On September 25, the California Air Resources Board (CARB) adopted 45-Day Rulemaking amendments to the Advanced Clean Fleets (ACF) and Low Carbon Fuel Standard (LCFS) Regulations. The updates repeal private sector ACF requirements, limiting applicability to State and Local Government (SLG) fleets. The amendments introduce a new definition for Traditional Utility-Specialized Vehicles (TUSVs) and modify exemptions to allow earlier TUSV access. CARB also announced that forthcoming 15-Day amendments will shift the 100 percent Zero-Emission Vehicle (ZEV) purchase requirement from 2027 to 2030 and revise exemptions to permit continued procurement of Internal Combustion Engine (ICE) vehicles by public fleets as necessary. The ACF rulemaking process will continue through 2026, with all amendments expected to take effect prior to 2027. Staff will continue to monitor developments.

On September 26, the State Water Resources Control Board (SWRCB) released an informal draft proposing to consolidate four existing statewide National Pollutant Discharge Elimination System (NPDES) general permits for residual pesticide discharges into a single Pest Control Permit. Metropolitan currently complies with one of the four existing permits, the Aquatic Weed and Algae Control Permit, for copper sulfate applications to lakes and reservoirs. Written comments on the draft are due November 12, 2025. Staff will review the draft and participate in SWRCB workshops to evaluate potential operational impacts under the proposed consolidated permit.

# Operations Groups

## Advance Education and Outreach Initiatives

Recent meetings for workforce development brought together managers from the Desert Section with local community colleges and the local Colorado River Indian Tribe's (CRIT) educational faculty. These meetings discussed the qualifications and education required for Metropolitan entry-level positions and apprenticeships.



Staff meeting with local Community College and CRIT educational faculty at Gene

## Engage with Member Agencies & Other Stakeholders on Technical Matters

On October 22 and 23, staff participated in a Water Research Foundation Workshop in Henderson, NV, focused on facilitating exchange of information among utilities. The goals of the workshop were to share best practices for managing and communicating research, build networks to support collaborative research and build partnership opportunities, and discuss research prioritization given limited funding availability.