

# The Metropolitan Water District of Southern California

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.

# Agenda



## EOT Committee

D. Erdman, Chair  
S. Faessel, Vice Chair  
D. Alvarez  
G. Bryant  
J. Crawford  
B. Dennstedt  
L. Fong-Sakai  
R. Jay  
J. Lewitt  
J. McMillan  
C. Miller  
M. Petersen  
K. Seckel

## **Engineering, Operations, and Technology Committee**

Meeting with Board of Directors \*

**February 9, 2026**

**9:00 a.m.**

**Monday, February 9, 2026**  
**Meeting Schedule**

09:00 a.m. EOT  
11:30 a.m. LEG  
12:30 p.m. BREAK  
01:00 p.m. LEGAL  
03:00 p.m. OWA

**Written public comments received by 3:00 p.m. the business day before the meeting is scheduled will be posted under the Submitted Items and Responses tab available here: <https://mwdh2o.legistar.com/Legislation.aspx>.**

**The listen-only phone line is available at 1-877-853-5257; enter meeting ID: 862 4397 5848.**

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

**Disclaimer: Written and oral public comments are received in compliance with the Ralph M. Brown Act. Please note that Metropolitan does not endorse or ensure the accuracy or reliability of the information provided as public comment or by third parties.**

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

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\* The Metropolitan Water District's meeting of this Committee is noticed as a joint committee meeting with the Board of Directors for the purpose of compliance with the Brown Act. Members of the Board who are not assigned to this Committee may participate as members of the Board, whether or not a quorum of the Board is present. In order to preserve the function of the committee as advisory to the Board, members of the Board who are not assigned to this Committee will not vote on matters before this Committee.

- 1. Opportunity for members of the public to address the committee on matters within the committee's jurisdiction (As required by Gov. Code Section 54954.3(a))**

**\*\* CONSENT CALENDAR \*\*****2. COMMITTEE ACTION (ONLY)**

A. Approval of the Minutes of the Engineering, Operations, and Technology for January 12, 2026 [21-5382](#)

**Attachments:** [02092026 EOT 2A \(01122026\) Minutes](#)

**3. COMMITTEE ITEMS (FOR BOARD CONSIDERATION)**

7-1 Award a \$767,063 construction contract to Western Pump Inc. for a new 6,000-gallon aboveground diesel fuel storage tank and dispensing system at Metropolitan's Lake Mathews facility; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA [21-5364](#)

**Attachments:** [02102026 EOT 7-1 B-L](#)

**\*\* END OF CONSENT CALENDAR \*\*****4. COMMITTEE ITEMS (ACTION FOR BOARD CONSIDERATION)**

8-1 Certify the Final Environmental Impact Report and take related CEQA actions, and approve Pure Water Southern California for CEQA purposes [21-5365](#)

**5. COMMITTEE ITEMS (INFORMATIONAL FOR BOARD CONSIDERATION)**

NONE

**6. COMMITTEE ITEMS (INFORMATIONAL)**

a. 2025 System Operations: A Year in Review [21-5383](#)

b. Asset Management Program Update [21-5384](#)

c. Update on the relocation of the Santa Monica Feeder within the city of Beverly Hills [21-5385](#)

**7. MANAGEMENT ANNOUNCEMENTS AND HIGHLIGHTS**

a. Engineering Services activities  
Information Technology activities  
Water System Operations activities [21-5386](#)

**Attachments:** [02092026 EOT 7a Engineering Monthly Activities](#)

## 8. FOLLOW-UP ITEMS

NONE

## 9. FUTURE AGENDA ITEMS

## 10. ADJOURNMENT

**NOTE:** This committee reviews items and makes a recommendation for final action to the full Board of Directors. Final action will be taken by the Board of Directors. Committee agendas may be obtained on Metropolitan's Web site <https://mwdh2o.legistar.com/Calendar.aspx>. This committee will not take any final action that is binding on the Board, even when a quorum of the Board is present.

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.

**THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

**MINUTES**

**ENGINEERING, OPERATIONS & TECHNOLOGY COMMITTEE**

**January 12, 2026**

Chair Erdman called the meeting to order at 8:30 a.m.

Members present: Directors Alvarez, Bryant, Crawford, Dennstedt, Erdman, Faessel (teleconference posted location), Fong-Sakai, Jay, McMillan (teleconference posted location), Miller, Petersen (entered after rollcall), and Seckel.

Members absent: Director Lewitt.

Other board members present: Chair Ortega, Directors Ackerman, Camacho, Crane, Fellow, Gray, Kurtz, Paule, Ramos, and Shepherd Romey

Committee staff present: Bednarski, Chapman, Chaudhuri, Deshmukh, Eckstrom, Hattar, Hudson, Kasaine, Linn, Parsons, Rhoads, Rubin

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

Tom Love, General Manager, Upper San Gabriel Valley Municipal Water District commented on item 8-2 related to Pure Water guiding principles.

**CONSENT CALENDAR ITEMS – ACTION**

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

- A.** Approval of the Minutes of the Engineering, Operations, and Technology Committee for December 8, 2025.

**3. CONSENT CALENDAR OTHER ITEMS ACTION**

NONE

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

The vote was:

Ayes: Directors Alvarez, Bryant, Crawford, Dennstedt, Erdman, Faessel, Fong-Sakai, Jay, McMillan, Miller, and Seckel.  
Noes: None  
Abstentions: None  
Absent: Directors Lewitt and Petersen

The motion to approve item 2A passed by a vote of 11 ayes, 0 noes, 0 abstention, and 2 absent.

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

**4. OTHER BOARD ITEMS – ACTION**

**8-1** Subject: Review and consider Addendum No. 6 to the certified 2017 Programmatic Environmental Impact Report for the Prestressed Concrete Cylinder Pipe Rehabilitation Program; award a \$61,242,000 construction contract to J.F. Shea for PCCP rehabilitation of Sepulveda Feeder Reach 2; and authorize an agreement with HDR Engineering Inc. for a not-to-exceed amount of \$1,300,000 for technical support during construction

Presented by: Cathy Chau, Principal Engineer, Conveyance & Distribution Team

Motion: Review and consider Addendum No. 6 to the certified 2017 Programmatic Environmental Impact Report for the Prestressed Concrete Cylinder Pipe Rehabilitation Program, and

- a. Award a \$61,242,000 contract to J.F. Shea Construction Inc. to rehabilitate Sepulveda Feeder Reach 2.
- b. Authorize an agreement with HDR Engineering Inc. for a not-to-exceed amount of \$1,300,000 for technical support during construction.

The following Directors provided comments or asked questions

1. Jay
2. Miller
3. Seckel
4. Fong-Sakai
5. Erdman

Staff responded to Directors' questions and comments.

Director Bryant made a motion, seconded by Director Crawford, to approve item 8-1, option 1.

The vote on the motion was:

Ayes: Directors Alvarez, Bryant, Crawford, Dennstedt, Erdman, Faessel, Fong-Sakai, Jay, McMillan, Miller, and Seckel.

Noes: None

Abstentions: None

Absent: Directors Lewitt and Petersen

The motion for Item 8-1 passed by a vote of 11 ayes, 0 noes, 0 abstentions, and 2 absent.

**8-2** Subject: Approve guiding principles for Pure Water Southern California partnerships; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA.

Presented by: Matthew Hacker, Senior Resource Specialist, Resource Development Team

Motion: Approve guiding principles for Pure Water Southern California partnerships.

Director Petersen entered the meeting during the presentation.

The following Directors provided comments or asked questions

1. Seckel
2. Bryant
3. Chair Ortega
4. Miller
5. Alvarez
6. Dennstedt
7. Kurtz

Staff responded to Directors' questions and comments.

Director Alvarez made a motion, seconded by Director Jay, to approve item 8-2, option 1, with the following amendments:

1. The addition of the following language to the Guiding Principles for each partnership:

“Project participants recognize that PWSC has been developed to allow for long-term adaptive implementation, including: (1) by allowing for phasing and/or staging funding and construction, and (2) if feasible and permissible, by allowing for direct potable reuse.”

2. In the Proposed Principles to Guide Metropolitan – Southern Nevada/Arizona Parties Partnerships and in the Proposed Principles to Guide Metropolitan – Others within the Southern California Region: San Gabriel Valley Municipal Water District (SGVMWD), change the term “equity” to the term “fair value.”

The vote on the motion was:

Ayes:	Directors Alvarez, Bryant, Crawford, Dennstedt, Erdman, Faessel, Fong-Sakai, Jay, McMillan, Miller, Petersen, and Seckel
Noes:	None
Abstentions:	None
Absent:	Director Lewitt

The amended motion for item 8-2 passed by a vote of 12 ayes, 0 noes, 0 abstentions, and 1 absent.

## **5. BOARD INFORMATION ITEMS**

NONE

## **6. COMMITTEE ITEMS (INFORMATIONAL FOR BOARD CONSIDERATION)**

- a. Subject: Power Cost Exposure with Lower Lake Mead Storage  
Presented by: Shane Chapman, Assistant General Manager, Operations

Mr. Chapman reported on the following:

- Updates on recent developments related to the risk of loss of a significant portion of Hoover Dam hydroelectric generation, the potential impact on Metropolitan, potential strategies for mitigation, and next steps

The following Directors provided comments or asked questions.

1. Miller
2. Petersen
3. Seckel
4. Fellow

Staff responded to the Directors' questions and comments.

b.      Subject:            Pure Water Southern California Quarterly Update  
Presented by:        Gloria Lai-Bluml, Program Manager, Pure Water Southern California

Ms. Lai-Bluml reported on the following:

- Updates on environmental planning, public outreach, grant funding, demonstration testing, direct potable reuse (DPR) planning, and next steps

The following Directors provided comments or asked questions.

1. Chair Ortega
2. Petersen
3. Miller
4. Erdman

Staff responded to the Directors' questions and comments.

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

a.      Subject:            Engineering Services, Information Technology, and Water System Operations Activities  
Presented by:        John Bednarski, Assistant General Manager, Water Resources and Technical Resources  
                          Shane Chapman, Assistant General Manager, Operations  
                          Charles Eckstrom, Manager, Information Technology Group

Mr. Bednarski reported on the following:

- Planned Inspection Trips to Eagle Mountain Pumping Plant
- December 2025 Labor Management Collaboration Meeting

Mr. Chapman reported on the following:

- Managing Castaic Lake/Jensen plant high turbidity event
- SWP East Branch repairs following late December 2025 storm event

Mr. Eckstrom reported on the following:

- Infrastructure Storage Refresh
- January 2026 Second Annual Cyber Security Summit

**8. FOLLOW-UP ITEMS**

NONE

**9. FUTURE AGENDA ITEMS**

NONE

**10. ADJOURNMENT**

The next meeting will be on February 9, 2025.

Meeting adjourned at 10:47 a.m.

Dennis Erdman  
Chair



- **Board of Directors**

## ***Engineering, Operations, and Technology Committee***

2/10/2026 Board Meeting

7-1

### **Subject**

Award a \$767,063 construction contract to Western Pump Inc. for a new 6,000-gallon aboveground diesel fuel storage tank and dispensing system at Metropolitan's Lake Mathews facility; the General Manager has determined that the proposed action is exempt or not subject to CEQA

### **Executive Summary**

Metropolitan's Lake Mathews facility houses operations and district force construction staff, who use diesel fuel stored on-site for day-to-day operations and emergency responses. The facility's original storage tank was removed from service in 2016, and a smaller temporary tank has been used since then. A new 6,000-gallon tank will provide sufficient capacity to support routine operation and emergency responses, and eliminate the need for frequent refueling of the storage tank.

This action awards a \$767,063 construction contract to Western Pump Inc. for the procurement and installation of a new aboveground diesel fuel tank and fuel dispensing system at Lake Mathews. See **Attachment 1** for the Allocation of Funds, **Attachment 2** for the Abstract of Bids, **Attachment 3** for the List of Subcontractors, and **Attachment 4** for the Location Map.

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

#### **Staff Recommendation: Option #1**

##### **Option #1**

Award a \$767,063 construction contract to Western Pump Inc. for procurement and installation of a new 6,000-gallon aboveground diesel fuel tank and dispensing system at the Lake Mathews facility.

**Fiscal Impact:** Expenditure of \$1.16 million in capital funds. Approximately \$1 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:** Installation of a new diesel storage tank will restore full operational and emergency response capabilities at Lake Mathews.

##### **Option #2**

Do not proceed with the project at this time.

**Fiscal Impact:** None

**Business Analysis:** Staff would continue to use a temporary rental tank to meet diesel fuel needs at Lake Mathews.

### **Alternatives Considered**

Staff considered continuing to utilize the 3,000-gallon rental tank currently located at Lake Mathews within the existing fuel island in lieu of installing a permanent, Metropolitan-owned tank. However, this alternative does not provide adequate fuel storage for emergency response situations. In January 2025, when responding to the Eaton

Fire, the rental tank's capacity of 3,000 gallons was not sufficient to continue fueling Metropolitan's heavy construction equipment and portable generators for Member Agency support during Metropolitan's fire response operations. Additional fuel was procured to meet demands during the emergency conditions.

## **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

Metropolitan Water District Operating Policy A-06: Emergency Management and Business Continuity

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

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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.

By Minute Item pending, dated October 14, 2025, the Board appropriated an additional \$30 million for projects identified in the CIP for Fiscal Years 2024/25 and 2025/26, increasing the biennial CIP appropriation to \$666.48 million.

## **California Environmental Quality Act (CEQA)**

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### **CEQA determination for Option #1:**

The proposed action is exempt from CEQA because it involves the operation, repair, maintenance, and minor alteration of existing public structures involving negligible or no expansion of existing or former use and no possibility of significantly impacting the physical environment. Furthermore, the proposed action consists of the replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced. (State CEQA Guidelines Sections 15301 and 15302.)

### **CEQA determination for Option #2:**

None required

## **Details and Background**

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### **Background**

Lake Mathews is located in Riverside and is the terminus reservoir for the Colorado River Aqueduct. The Lake Mathews facility houses operations and district force construction staff. Heavy construction equipment is stored at the Lake Mathews facility. Metropolitan forces use diesel fuel stored in an on-site storage tank for daily operations and emergency response. According to Metropolitan Operating Policy A-06, Metropolitan must maintain adequate personnel, materials, and equipment to repair two simultaneous pipeline failures. To support emergency preparedness, adequate diesel fuel must be stored on-site at Lake Mathews for day-to-day operations and a reserve amount for potential emergency response.

A 10,000-gallon aboveground diesel fuel tank was installed at the Lake Mathews facility nearly thirty-five years ago. After a 2016 inspection by Metropolitan staff identified numerous deficiencies, the tank was removed from service. In the interim, the Lake Mathews facility has relied upon temporary fueling options and is currently using a 3,000-gallon rental tank to provide fuel for large heavy construction equipment. This smaller tank, however, must be frequently refilled, and does not offer enough reserve storage for an emergency backup supply.

A new 6,000-gallon aboveground diesel fuel tank is recommended for the Lake Mathews facility. The storage volume of 6,000 gallons for the new tank was determined based on a review of historical fuel demands and emergency storage needs. Final design to procure and install a new 6,000-gallon aboveground diesel fuel tank is complete. Staff recommends proceeding with the installation of the new tank and fueling system.

**Lake Mathews Aboveground Diesel Fuel Tank – Construction**

The scope of the construction contract includes procurement and installation of a 6,000-gallon aboveground diesel fuel tank, fuel dispensing system, electrical tie-ins, instrumentation and controls, and safety features for the fuel island.

A total of \$1.16 million is required for this work. In addition to the construction contract, allocated funds for Metropolitan staff activities include \$116,000 for construction management and inspection; \$19,000 for Metropolitan forces for startup activities; \$110,000 for engineering construction support, submittal review, commissioning, and record drawings; \$97,000 for contract administration, environmental support, project controls, and project management; and \$50,937 for remaining budget. **Attachment 1** provides the allocation of the required funds.

***Award of Construction Contract (Western Pump Inc.)***

Specifications No. 2055A for Lake Mathews Aboveground Diesel Fuel Tank Replacement was advertised for bids on November 5, 2025. As shown in **Attachment 2**, four bids were received and opened on December 18, 2025. The low bid from Western Pump Inc., in the amount of \$767,063, complies with the requirements of the specifications. The other bids ranged from \$968,526 to \$1,255,000, while the engineer's estimate for this project was \$995,000. For this contract, Metropolitan established a Small Business Enterprise participation level of at least 25 percent of the contract amount. Western Pump Inc. has agreed to meet this level of participation. The subcontractors for this contract are listed in **Attachment 3**.

Metropolitan staff will perform construction management and inspection. Engineering Services' performance metric target range for construction management and inspection of projects with construction less than \$3 million is 12 to 15 percent. For this project, the performance metric goal for inspection is 14.8 percent of the total construction cost. The total cost of construction for this project is \$786,063 which includes the construction contract (\$767,063) and Metropolitan construction (\$19,000).

***Project Milestone***

Winter 2026/27 – Completion of construction

  
\_\_\_\_\_  
Mai M. Hattar  
Chief Engineer  
Engineering Services1/21/2026  
Date  
\_\_\_\_\_  
Shivaji Deshmukh  
General Manager1/21/2026  
Date**Attachment 1 – Allocation of Funds****Attachment 2 – Abstract of Bids****Attachment 3 – Subcontractors****Attachment 4 – Location Map**

Ref# es12689254

**Allocation of Funds for Lake Mathews Reservoir Aboveground Diesel Fuel Tank Replacement**

	<b>Current Board Action (February 2026)</b>
Labor	
Studies & Investigations	\$ -
Final Design	-
Owner Costs (Program mgmt., envir. monitoring)	97,000
Submittals Review & Record Drwgs.	110,000
Construction Inspection	116,000
Metropolitan Force Construction	19,000
Materials & Supplies	-
Incidental Expenses	-
Professional/Technical Services	-
Right-of-Way	-
Equipment Use	-
Contracts	-
Western Pumps Inc.	767,063
Remaining Budget	50,937
<b>Total</b>	<b>\$ 1,160,000</b>

The total amount expended to date is approximately \$1.01 million. The total estimated cost to complete the procurement and installation of the new diesel fuel tank, including the amount appropriated to date, and construction costs as part of this action, is anticipated to be approximately \$2.17 million.

**The Metropolitan Water District of Southern California****Abstract of Bids Received on December 18, 2025, at 2:00 P.M.****Specifications No. 2055A****Lake Mathews Reservoir Aboveground Diesel Fuel Tank Replacement**

The work includes procurement and installation of an aboveground 6,000-gallon diesel fuel storage tank, fuel dispensing system, electrical tie-ins, instrumentation and controls, abatement of items containing lead, and other appurtenant work.

**Engineer's estimate: \$995,000**

<b>Bidder and Location</b>	<b>Total</b>	<b>SBE \$</b>	<b>SBE %</b>	<b>Met SBE<sup>1</sup></b>
<b>Western Pump Inc. San Diego, CA</b>	<b>\$767,063</b>	<b>\$192,000</b>	<b>25%</b>	<b>Yes</b>
GEMS Environmental Mgmt. Svcs. Inc. Concord, CA	\$968,526	-	-	-
Fleming Environmental Inc. Fullerton, CA	\$1,149,834	-	-	-
MMC Inc. La Palma, CA	\$1,255,000	-	-	-

<sup>1</sup> Small Business Enterprise (SBE) participation level established at 25 percent for this contract.

**The Metropolitan Water District of Southern California****Subcontractors for Low Bidder****Specifications No. 2055A  
Lake Mathews Reservoir Aboveground Diesel Fuel Tank Replacement****Low bidder: Western Pumps Inc.**

<b>Subcontractor</b>	<b>Service Category; Specialty</b>
SMH Electrical Construction Riverside, CA	Electrical Installation and Demolition
JJ&S Environmental Services Inc Vista, CA	Lead Abatement
CT Concrete Cutting Inc. Murrieta, CA	Concrete Demolition
Hill Crane Service Inc. Long Beach, CA	Crane Services





## Engineering Services Group

- **Engineering Services Group Monthly Activities Report for January 2026**

### **Summary**

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This monthly report provides highlights and a summary of Engineering Services Group activities for January 2026 in the following key areas:

- Colorado River Aqueduct (CRA) Program
- Dams & Reservoirs Program
- Distribution System Program
- Additional Facilities and Systems Program
- Prestressed Concrete Cylinder Pipe (PCCP) Program
- Water Treatment Plants Program
- Pure Water Southern California
- Drought Mitigation – State Water Project Dependent Areas
- Value Engineering Program

### **Purpose**

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Informational

### **Attachments**

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Detailed Report – Engineering Services Group’s Monthly Activities for January 2026

# Engineering Services' Monthly Activities for January 2026

## Highlights

In the month of January, Engineering Services embarked on the following major actions in support of the General Manager's business plan for Fiscal Year 2025/2026:

**Goal: Complete Environmental Impact Report (EIR) and Planning, for Board to Consider Pure Water Southern California**

**Outcome: Complete EIR analyses and public process**

The final EIR for Pure Water Southern California was completed and posted on Metropolitan's website in advance of a February action for the Board to consider its certification.

In support of the General Manager's Business Plan goal of providing organizational stability and delivering operational excellence, Engineering Services manages and executes projects within the adopted Capital Investment Plan (CIP) to maintain infrastructure resiliency, ensure regulatory compliance, enhance sustainability, and provide flexibility in system operations to address uncertain water supply conditions. In addition, Engineering Services provides technical services to enhance reliable system operation and real property planning, valuation, acquisition, and disposition services to protect Metropolitan's assets. Engineering Services empowers our staff and partners with our business partners and the communities we serve to accomplish Metropolitan's mission.

Recent key activities on CIP programs and other key engineering functions are described below.



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

### Colorado River Aqueduct (CRA) Program

The CRA program includes CIP projects to replace or refurbish facilities and components of the CRA system to reliably convey water from the Colorado River to Southern California.

- **CRA Eagle and Hinds Utilities** — This project will replace the existing potable water, non-potable water, and sewer lines at the Eagle Mountain and Hinds pumping plants. A construction contract was awarded in November 2025, and the Notice to Proceed was issued to the contractor in January 2026.
- **CRA Main Motor Protection Relays** — This project will replace the main motor protection relays for all 45 main motors at the five CRA pumping plants. Replacement will occur in a multi-phased approach to minimize operational disruptions. Five units will be replaced in the first phase. Two of the five units are currently in fabrication. Fabrication is 15 percent complete. The other three units are in final design. Final design is 5 percent complete and scheduled to be complete by December 2026.
- **CRA Pump Plant Sumps Rehabilitation** — This project rehabilitates the sump and circulating water systems at all five CRA pumping plants. The scope of work also includes replacement of the structural support systems, piping, valves, motors, and electrical equipment. Final design is complete and a board action to award a construction contract is planned for May 2026.
- **Black Metal Mountain Electrical Upgrades** — This project replaces the existing single-phase 2.4 kV power line delivering power to the Black Metal Mountain communication site with a more robust three-phase power line rated for 4.16 kV usage. The project will also enhance the main access road to the communications sites. Final design is 75 percent complete and scheduled to be complete by June 2026.

### Dams & Reservoirs Program

The Dams & Reservoirs Program includes CIP projects to upgrade or refurbish Metropolitan's dams, reservoirs, and appurtenant facilities to reliably meet water storage needs and regulatory compliance.

- **Garvey Reservoir Rehabilitation** — This project will replace the aging reservoir floating cover and liner; strengthen the structure of the reservoir outlet tower to reduce the risk of damage following a major seismic event; and upgrade the reservoir's rainwater collection, pumping, and subdrain systems. The Board awarded a construction contract in December 2025, and a Notice to Proceed was issued to the contractor in January 2026. Construction is planned to be complete by June 2028.
- **Copper Basin Discharge Valve Replacement** — This project installs a new 54-inch fixed cone valve and actuator at the base of the dam, refurbishes a slide gate and the existing valve house, and upgrades all associated electrical systems and access ladders at the Copper Basin Reservoir. This project will also include the replacement of access ladders at the Gene Wash Dam. Final design and acquisition of environmental permits is complete and award of a construction contract is planned for June 2026.

- **Lake Mathews Pressure Control Structure (PCS) and Electrical System Upgrades** – This project will replace the aging Lake Mathews discharge facility and electrical system. The project includes the construction of a new PCS with a bypass pipeline alongside the existing forebay, a new chlorination facility, and upgrading the electrical system to accommodate future power needs. This project utilizes a progressive design-build project delivery method. A Request for Qualifications (RFQ) for Phase 1 design-build services was released in September 2025. Six statements of qualification were received in November 2025 and are being evaluated. A board action to authorize the Phase 1 agreement is planned for June 2026. The project is anticipated to be complete by 2032.

## Distribution System Program

The Distribution System Program includes CIP projects to replace, upgrade, or refurbish existing facilities within Metropolitan's distribution system, including PCSs, hydroelectric power plants, and pipelines, to reliably meet water demands.

- **Auld Valley Pressure and Red Mountain Control Structure (PCS) Valve Replacement** – This project will rehabilitate one 42-inch sleeve valve and procure one 42-inch sleeve valve for the Red Mountain Pressure Control Structure and rehabilitate two 42-inch sleeve valves for the Auld Valley Pressure Control Structure. One valve at the Auld Valley PCS has been rehabilitated, and the second one is currently being rehabilitated by Metropolitan forces. Both valves will be installed during a future shutdown. Metropolitan is currently reviewing submittals provided by the vendor to procure the new 42-inch sleeve valve for Red Mountain, which is planned to be installed in the fall of 2026.
- **Skinner East Bypass Gates** – This project will replace three existing cast-iron slide gates at the East Lake Skinner Bypass inlet channel. The existing gates are heavily corroded and bind during lifting operations. The existing gates will be replaced with three stainless steel gate assemblies and new actuators. The new gates have been procured and are being stored onsite at the Skinner Plant. The new actuators are scheduled for delivery in February 2026. Final design for the contract package that includes installation of the new gates is approximately 60 percent complete and is scheduled to be complete in May 2026.
- **Hollywood Tunnel North Portal Equipment Upgrades** – The project will replace the existing valves with two new 24-inch-diameter sleeve valves operated by electric actuators for pressure control and two 24-inch-diameter bonneted knife gate valves for flow isolation at the Hollywood Tunnel North Portal along the Santa Monica Feeder. The valve procurement contract was awarded in March 2025. The valves are scheduled for delivery in Summer 2026. Final design for the valve installation is 95 percent complete and is scheduled to be complete in March 2026.

## Additional Facilities and Systems Program

The Additional Facilities and Systems Program includes CIP projects to refurbish, replace, upgrade, or provide new facilities and systems that support Metropolitan's business and district-wide operations.

- **Diamond Valley Lake (DVL) Wave Attenuator Replacement** – This project adds a second attenuator to the existing wave attenuating system at the East Marina in Diamond Valley Lake. As part of the improvements, the existing floating wave attenuator (FWA) will be relocated to a new location, and the new attenuator will be installed in its place. The contractor continued the fabrication of the new North

FWA modules and completed relocation of the existing FWA to the new South location. Construction is 94 percent complete and is scheduled to be complete in February 2026.

- **Lake Mathews Tank Replacement** – This project will procure and install a new 6,000-gallon aboveground diesel fuel tank at Lake Mathews. A fuel dispensing system will also be installed, as well as control systems for the fuel tank, electrical connections, and employee safety features. Final design is complete, the project has been advertised, and bids were received in December 2025. A board action for award of a construction contract is scheduled for February 2026.



Diamond Valley Lake (DVL) Wave Attenuator Replacement –  
Installation of Vinyl Rub Strip on New Floating Wave Attenuator

## Prestressed Concrete Cylinder Pipe (PCCP) Program

The PCCP Program includes CIP projects to refurbish or upgrade Metropolitan's PCCP feeders to maintain water deliveries without unplanned shutdowns.

- **Sepulveda Feeder PCCP Rehabilitation Reach 2** – This project installs steel lining along 3.8 miles of PCCP through several cities, including Torrance and Los Angeles. The project was advertised on August 27, 2025. Three bids were received in November 2025, and the Board awarded the construction contract in January 2026. The project is expected to be complete by mid-2027.
- **Electromagnetic Inspection** – Regular inspections of the PCCP feeders are a critical step in evaluating the condition of each pipeline and assist staff in prioritizing the relining work on each feeder. This

project conducts the fifth cycle of electromagnetic and visual inspections of 'Metropolitan's approximately 146.4 miles of PCCP pipelines. Inspection of the Box Springs Feeder was completed in December 2025.

## Water Treatment Plants Program

The Water Treatment Plants Program includes CIP projects to replace or refurbish facilities and components at Metropolitan's five water treatment plants to continue to reliably meet treated water demands.

- **Weymouth Administration Building Upgrades** — This project upgrades the Weymouth Administration Building to withstand a significant earthquake. The planned upgrades include structural strengthening consistent with current seismic standards for essential facilities, accessibility, and fire/life safety improvements, architectural modifications near the areas of structural upgrades, and improvements associated with the preservation of historic architectural features. Final design is complete, and award of a construction contract is planned for April 2026.
- **Diemer Chemical Feed Facility Improvements** — This project rehabilitates the Diemer plant's chemical feed facility to maintain operational reliability, meet Metropolitan's current chemical safety standards, and enhance worker safety. The Board awarded a construction contract in October 2025. The contractor has completed mobilization. Construction is seven percent complete and is scheduled to be complete in October 2027.
- **Water Quality Lab Building Upgrades** — This project upgrades the Michael J. McGuire Water Quality Laboratory in La Verne to increase its seismic resiliency and to efficiently address new and evolving water quality issues and regulations. Planned improvements include strengthening of the existing structure to meet current seismic criteria for essential facilities; building expansion and functional layout improvements; replacement of specialized laboratory equipment; and implementation of technology upgrades to support current and future water quality regulations. Final design is approximately nine percent complete and is scheduled to be complete in spring 2028.



## Adapt to changing climate and water resources

## Pure Water Southern California

Pure Water Southern California (Pure Water) is a large regional recycled water program that will provide a new local source of safe and reliable drinking water for Southern California. Pure Water currently focuses on five areas: program management, environmental planning, advanced water purification facility (AWPF) planning, demonstration testing, and preliminary design of initial pipeline reaches. Pure Water will produce up to 150 million gallons per day of purified water from the AWPF in Carson for indirect potable reuse (IPR) and direct potable reuse (DPR) applications.

- **Program Management** – Program management activities include project controls, scheduling, budget development, risk management, coordination with program partners and stakeholders, grants and funding, and preparation of various plans and studies. The Pure Water Program Management team was engaged in the following activities during this reporting period:
  - Presented guiding principles for program partnerships in December 2025 and January 2026 for board approval. The guiding principles would be used to develop term sheets for future agreements.
  - Presented program quarterly updates to the Board in January 2026.
  - Continued coordination and grant reporting efforts with the United States Bureau of Reclamation for the \$125,472,855 Large-Scale Water Recycling Program grant and the \$5 million WaterSmart grant. Metropolitan has received a total of approximately \$25.5 million to date.
  - The \$80 million state grant is also used to support the current phase of program work; approximately \$46 million is spent as of end of November. Continued to coordinate with the CAMP4W assessments.
  - On December 15, 2025, the Pure Water Southern California Project was certified by Governor Newsom for Judicial Streamlining under the SB 149 Infrastructure Streamlining Program.
- **Environmental Planning** – The final EIR was published in January 2026. A board action to consider certification of the final EIR is scheduled for February 2026.
- **Advanced Water Purification Facility** – The AWPF will purify treated wastewater from the Los Angeles Sanitation District's (LACSD) A.K. Warren Water Resource Facility using membrane bioreactors (MBRs), reverse osmosis (RO), and ultraviolet/advanced oxidation. With its expertise in biological wastewater treatment, LACSD will be responsible for implementing the AWPF pretreatment, including the MBR facilities. A final draft of conceptual facilities report has been prepared. This document records key assumptions of AWPF components and would be used for the upcoming RFQs for the progressive design-build contracts to design and construct the full-scale AWPF.
- **Demonstration Testing** – Operational improvements have been made at the Napolitano Innovation Center for the continued testing of the IPR processes, including the installation of a snail mitigation system. Planning of pilot-scale and demonstration-scale testing of DPR processes is in progress. Key testing equipment advertisements are underway, and equipment will be procured in 2026 to facilitate the design of the DPR testing facility.
- **Conveyance System** – The PWSC conveyance system consists of the backbone pipeline that extends 39 miles from the AWPF, repurposing an existing pipeline owned by the San Gabriel Valley Municipal Water District, and constructing a new DPR pipeline to convey water from the backbone eastward for raw water augmentation at Metropolitan's Weymouth plant. The Conceptual Design Report for the entire conveyance system has been completed. Preliminary design of the first two pipeline reaches across the cities of Carson, Long Beach and Lakewood is in progress. The RFQ for the CM/GC contract(s) for these two reaches is also being prepared and would be ready for advertisement in 2026.

## Drought Mitigation – State Water Project Dependent Areas

The Drought Mitigation–State Water Project Dependent Areas Program includes CIP projects to replace, refurbish, upgrade, or construct new facilities, which are identified to mitigate the vulnerability experienced by specific member agencies that are affected during shortages of State Water Project supplies.

- **Wadsworth Bypass Pipeline** – This project installs a bypass pipeline and an isolation valve to interconnect the Wadsworth Pumping Plant with the Eastside Pipeline. This project is one of the four Rialto Pipeline service area supply reliability improvement projects. The contractor is currently installing electrical and SCADA control components. Construction is 99 percent complete and is scheduled to be complete in May 2026.
- **Inland Feeder Rialto Pipeline Intertie** – This project installs an interconnection pipeline and isolation valve structure between the Inland Feeder and Rialto Pipeline so that water can be delivered from DVL to the Rialto Pipeline. This project is one of the four Rialto Pipeline service area supply reliability improvement projects. The contractor has completed the SCADA and power duct bank and is currently performing electrical work in preparation for the MCC electrical equipment delivery in early 2026. Construction is scheduled to be complete in July 2026.
- **Foothill Pump Station Intertie and 132-inch Butterfly Valve Procurement** – This project will connect Metropolitan’s Inland Feeder to San Bernardino Valley Municipal Water District’s Foothill Pump Station. The project is one of four Rialto Pipeline service area supply reliability improvement projects. Foothill Pump Station will provide the hydraulic lift needed for direct water delivery from DVL to the Rialto Pipeline. The project will install supply and discharge bypass pipelines, isolation valves and their vault, and a surge protection system. The project requires permits from CA Fish and Wildlife and US Fish and Wildlife (USFWS) to address impacts to endangered species found at the project site. The project received a \$5M USBR grant, and USBR is assisting Metropolitan with permit consultation with USFWS. Due to the recent federal shutdown, USFWS is encountering delays to permit processing. It is anticipated USFWS consultant would be completed by first quarter of 2026. Final design review has been completed, and the construction package is planned to be signed off on by early 2026. A separate procurement contract for a 132-inch butterfly valve to be installed at Foothill Pump Station was awarded in March 2024, and the valve is planned to be delivered by late 2026.



**Sustain** Metropolitan’s mission with a strengthened  
business model

## Value Engineering Program

Engineering Services conducts a Value Engineering (VE) program to review capital projects and identify opportunities and alternatives to enhance project performance, optimize funding for CIP projects, and demonstrate responsible use of public funds. The objective of the VE program is to improve the overall value of CIP projects by applying an industry-accepted assessment methodology to examine a project’s function,

design, equipment, material selections, and contracting approach. This comprehensive assessment is conducted at strategic stages in a project's life cycle.

The VE Program is actively planning for these upcoming workshops:

- Security Upgrade Eastern Area 2: Mills WTP and Etiwanda PCS
- State Water Project Invasive Mussel Mitigation Initiative
- Weymouth Wheeler Gate Security and ZEV Infrastructure Upgrades
- Iron Mountain Pumping Plant Light and Power Switchrack Rehabilitation