

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

July 8, 2025

2:30 PM

Tuesday, July 8, 2025 Meeting Schedule
08:30 a.m. FAAME 11:00 a.m. LEGAL 12:30 p.m. Break 01:00 p.m. OPE 02:30 p.m. BOD

Written public comments received by 5:00 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: 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 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](#).

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

1. Call to Order

- a. Invocation: TBD
- b. Pledge of Allegiance: TBD

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 [21-4753](#)
- B. Chair's Monthly Activity Report [21-4754](#)
- C. General Manager's summary of activities [21-4755](#)

- D. General Counsel's summary of activities [21-4756](#)
- E. General Auditor's summary of activities [21-4757](#)
- F. Ethics Officer's summary of activities [21-4758](#)

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

6. CONSENT CALENDAR OTHER ITEMS - ACTION

- A. Approval Minutes of the Special Joint Meeting of the Board of Directors and Organizational Personnel, and Effectiveness Committee for June 13, 2025 and the Special Joint meeting of the Board of Directors and Executive Committee and Workshop on Engineering, Operations, and Technology Committee for June 24, 2025 [21-4759](#)
- B. Approve Committee Assignments [21-4760](#)

7. CONSENT CALENDAR ITEMS - ACTION

- 7-1 Amend Metropolitan Administrative Code Division VI (Personnel Matters) to create a Principal Assistant position to the Ethics Officer; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (CWC) [21-4764](#)
- 7-2 Award a \$1,718,000 construction contract to Myers and Sons Construction, LLC to refurbish a washwater reclamation plant basin 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) [21-4765](#)

Attachments: [07082025 EOT 7-2 B-L](#)

- 7-3 Authorize (1) an amendment to an existing design-build agreement with J.F. Shea Construction Inc. to initiate Phase 2 of the Sepulveda Pump Stations project, including a \$52.96 million increase for a new not-to-exceed amount of \$103.36 million; (2) an increase of \$810,000 to an existing agreement with Carollo Engineers Inc. for a new not-to-exceed amount of \$3.3 million to serve as the owner's advisor; and (3) an increase of \$296,000 to an existing agreement with Parametrix Inc. for a new not-to-exceed amount of \$545,000 for cost estimating and scheduling services; the General Manager has determined that the proposed action is categorically exempt or otherwise not subject to CEQA (EOT) [21-4766](#)

7-4 Authorize a new on-call five-year professional services agreement with ProcureAmerica, LLC, for a not-to-exceed total amount of \$1.25 million for retail electric utility rate analysis and reduction; the General Manager has determined the proposed action is exempt or otherwise not subject to CEQA (EOT) [21-4785](#)

7-5 Authorize an increase of \$700,000 in change order authority to an existing contract with Power Engineering Construction Co. for urgent diving services at Lake Mathews; the General Manager has determined that the project is exempt or otherwise not subject to CEQA (EOT) [21-4827](#)

Attachments: [07082025 EOT 7-5 B-L](#)

7-6 Approve a Treated Water Cost Recovery Rate Structure to be included with the staff proposal for the Fiscal Years 26/27 and 27/28 Biennial Budget and Calendar Years 27 and 28 Rates and Charges; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (FAAME) [21-4789](#)

7-7 Approve Revisions to Metropolitan's Reserves Policy and Direct Staff to Implement Specific Sales Projections for the proposed Fiscal Years 26/27 and 27/28 Biennial Budget; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (FAAME) [21-4790](#)

7-8 Authorize the General Manager to execute a license agreement with the California Department of Fish and Wildlife to allow the continuance of the Department's Nutria Eradication Program on Metropolitan's Bay Delta Islands located in Contra Costa and San Joaquin Counties; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (FAAME) [21-4788](#)

7-9 Approve amendments to the Metropolitan Water District Administrative Code to conform surplus water provisions to current law and practice, to update the list of active District funds, to clarify benefits and pay for specified employees, to conform the timing of exempt time off awards to current practice, to conform the administration of personal vehicle allowances to current policy, to conform public records procedures to current law, and to make other minor, non-substantive changes; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA (LC) [21-4791](#)

- 7-10** Authorize an increase in the maximum amount payable under contract with Thompson Coburn LLP for legal advice on state and federal energy regulatory and contractual matters by \$300,000 to a maximum amount payable of \$600,000; the General Manager has determined that this proposed action is exempt or otherwise not subject to CEQA (LC) [21-4793](#)
- 7-11** Recurrent Category E Employment Work Schedule Pilot Program Recommendation [CEQA] (OPE) [21-4794](#)

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

8. OTHER BOARD ITEMS - ACTION

- 8-1** Report on litigation in Systems Integrated, LLC v. Metropolitan Water District of Southern California, Los Angeles County Superior Court, Case No. 21STCV18292; authorize an increase in maximum amount payable under contract for legal services with Internet Law Center, Ltd., in the amount of \$TBD for a total amount not to exceed \$TBD; and authorize an increase in maximum amount payable under contract for legal services with Kronenberger Rosenfeld, LLP in the amount of \$TBD for a total amount not to exceed \$TBD; 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)] (LC) [21-4792](#)

9. BOARD INFORMATION ITEMS

- 9-1** Report on Conservation Program [21-4761](#)
- 9-2** Desert Housing Updates Quarter 4 Fiscal Year 24/25 (EOT) [21-4787](#)
- 9-3** Information on California Aqueduct Subsidence (OWA) [21-4814](#)
- 9-4** Information on proposed inspection and vendor agreement for Metropolitan's conservation programs (OWA) [21-4815](#)
- 9-5** Information on Local Supply Exchange Framework (OWA) [21-4816](#)

10. OTHER MATTERS

- 10-1** Discussion of Department Head Performance and Goal Setting [Public employee performance evaluation – General Counsel, General Auditor, General Manager, and Ethics Officer; to be heard in closed session pursuant to Gov. Code Section 54957] [21-4762](#)

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.



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

7/8/2025 Board Meeting

7-2

Subject

Award a \$1,718,000 construction contract to Myers and Sons Construction, LLC to refurbish a washwater reclamation plant basin 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

The Joseph Jensen Water Treatment Plant (Jensen plant) currently uses two washwater reclamation plant (WWRP) basins to treat used filter backwash water and supernatant from the gravity solids thickeners. This system is critical to the water treatment process. Despite receiving regular maintenance, the shafts and associated baffle wall boards in the flocculation basins have deteriorated from 30 years of continuous operation. One WWRP basin was refurbished in 2017. The design to refurbish the other operational WWRP basin is complete, and staff recommends moving forward with construction at this time to enhance the reliability of the Jensen plant.

This action awards a \$1.718 million construction contract to Myers and Sons Construction, LLC to refurbish a WWRP flocculation basin. See **Attachment 1** for the Allocation of Funds, **Attachment 2** for the Abstract of Bids, **Attachment 3** for the Subcontractors for Low Bidder, and **Attachment 4** for the Location Map.

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

Staff Recommendation: Option #1

Option #1

Award a \$1,718,000 construction contract to Myers and Sons Construction, LLC to refurbish a washwater reclamation plant basin at the Joseph Jensen Water Treatment Plant.

Fiscal Impact: Expenditure of \$2.64 million in capital funds. All costs will be incurred in the current biennium and have been previously authorized.

Business Analysis: This option will enhance the reliability and operating efficiency of the Jensen plant.

Option #2

Do not proceed with this project at this time.

Fiscal Impact: None

Business Analysis: As the reclamation system is an integral part of the Jensen plant's water treatment process, this option would increase the risk of an unplanned outage at the Jensen plant.

Alternatives Considered

Staff considered procuring materials and utilizing Metropolitan forces for manufacturing, installing, and commissioning the required mechanical and structural components to refurbish the WWRP flocculation basin. After assessing the current in-house construction support commitments and upcoming maintenance needs of critical water delivery and conveyance facilities, staff recommends using a contractor to perform the construction work.

The selected alternative will maintain staff's ability to perform annual maintenance at other Metropolitan facilities and perform urgent repairs. This approach will minimize operational disruptions and ensure timely construction completion.

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

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

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

California Environmental Quality Act (CEQA)

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

Background

The Jensen plant was placed into service in 1972 and has a rated capacity of 750 million gallons per day (mgd). Located in Granada Hills, the Jensen plant treats water from the West Branch of the State Water Project. It delivers it to Metropolitan's Central Pool and exclusive service areas on the west side of Metropolitan's distribution system.

The washwater reclamation plant is integral to the Jensen plant's water treatment process and needed to meet water quality requirements. Spent water from filter backwash and supernatant from gravity solids thickeners are collected and processed in the WWRP, which includes basins partitioned for coagulation, flocculation, and settling of suspended solids. This reclaimed water is returned to the plant's inlet for additional treatment. The Jensen plant's reclamation facilities consist of four treatment basins split between two plants. WWRP No. 1, which was constructed in 1972 as part of the original plant construction, has a treatment capacity of 11 mgd, and has been placed in a "standby" status as its treatment capacity is not needed with reduced flows through the Jensen plant. WWRP No. 2, which was added during the plant expansion in 1995, has a treatment capacity of 22 mgd, and is the primary washwater reclamation plant at Jensen plant.

Due to the lower flows expected at the Jensen plant, staff has focused on keeping WWRP No. 2 functional to maintain plant reliability. The washwater reclamation basins are equipped with rotating flocculation equipment, including paddle shafts and, boards and baffle walls to regulate flow and promote mixing and settling. Despite receiving regular maintenance, this equipment has deteriorated from 30 years of continuous operation and no longer provides uniform flow distribution as initially designed. One flocculation basin in WWRP No. 2 was refurbished in 2017. Final design for the refurbishment of the other basin is complete, and staff recommends the award of a construction contract at this time.

Jensen Wastewater Reclamation Plant Flocculation Basin Refurbishment – Construction

The scope of the construction contract includes replacement or refurbishment of mechanical components at one WWRP No. 2 flocculation basin, including drive shaft assemblies, flocculator paddle boards, baffle wall boards, flocculator stuffing box, flocculator paddle arm shaft assemblies, and shaft bearings. Metropolitan forces will provide support for shutdown, dewatering, wet testing, and alignment verification for the rotating equipment, and install cathodic protection.

A total of \$2.64 million is allocated for this work. In addition to the amount of the construction contract described above, allocated funds for Metropolitan staff include \$210,000 for submittal review, responses to requests for information, and preparation of record drawings; \$104,000 for Metropolitan force work described above; \$230,000 for construction management and inspection; \$190,000 for contract administration, environmental support, and project management; and \$188,000 for remaining budget. **Attachment 1** provides the allocation of the required funds.



Award of Construction Contract (Myers and Sons Construction, LLC)

Specification 2031 for refurbishing a WWRP No. 2 flocculation basin at the Jensen plant was advertised for bids on April 8, 2025. As shown in **Attachment 2**, five bids were received and opened on May 20, 2025. The low bid from Myers and Sons Construction, LLC, in the amount of \$1,718,000 complies with the requirements of the specifications. The other bids ranged from \$1,723,000 to \$2,877,700, while the engineer's estimate for this project was \$1,150,000. Staff investigated the difference between the engineer's estimate and the low bid and concluded that the low bid reflects anticipated increased costs for specialized labor to achieve the tight tolerances specified for alignment of the flocculator shafts and bearings. The close cost correlation of the three lower bids (within two percent) confirms the magnitude of labor required for this project. For this contract, Metropolitan established a Small Business Enterprise participation level of 25 percent. Myers and Sons Construction, LLC has agreed to meet this level of participation. The subcontractors for this contract are listed in **Attachment 3**.

This action awards a \$1.718 million contract to Myers and Sons Construction, LLC for refurbishment of a flocculation basin at the Jensen plant's WWRP No. 2. As mentioned above, 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 9 to 15 percent. For this project, the performance metric goal for inspection is 12.6 percent of the total construction cost. The total construction cost for this project is \$1.822 million, including the contract cost (\$1.718 million) and Metropolitan force work (\$104,000).

Project Milestone

June 2026 – Completion of construction

	6/17/2025
Mai M. Hattar Interim Chief Engineer Engineering Services	Date
	6/17/2025
John Bednarski Assistant General Manager	Date

Attachment 1 – Allocation of Funds

Attachment 2 – Abstract of Bids

Attachment 3 – Subcontractors for Low Bidder

Attachment 4 – Location Map

Ref# es12700394

Allocation of Funds for Jensen Wastewater Reclamation Plant No. 2 Flocculation Basin Refurbishment

	Current Board Action (Jul. 2025)
Labor	
Studies & Investigations	\$ -
Final Design	-
Owner Costs (Program mgmt., envir. monitoring)	190,000
Submittals Review & Record Drwgs.	210,000
Construction Inspection & Support	230,000
Metropolitan Force Construction	86,000
Materials & Supplies	18,000
Incidental Expenses	-
Professional/Technical Services	-
Equipment Use	-
Contracts	
Myers and Sons Construction, LLC	1,718,000
Remaining Budget	188,000
Total	\$ 2,640,000

The total amount expended to date to refurbish the Jensen WWRP flocculation basin that is the subject of this action is approximately \$170,000. The total estimated cost to complete this project, including the amount appropriated to date and funds allocated for the work described in this action, is \$2.81 million.

The Metropolitan Water District of Southern California

Abstract of Bids Received on May 20, 2025, at 2:00 P.M.

Specifications No. 2031

Jensen Wastewater Reclamation Plant No. 2 Flocculation Basin Refurbishment

The work includes furnishing and installing new basin bearing assemblies, stub shafts, drive shafts, tail shafts, supporting mechanical equipment, wall boards, and paddle blades; and refurbishing the paddle arm shaft, stuffing box assemblies, hubs and dry well, and basin bearing leveling plates.

Engineer's estimate: \$1,150,000

Bidder and Location	Total	SBE \$	SBE %	Met SBE¹
Myers and Sons Construction, LLC Sacramento, CA	\$1,718,000	\$618,607	36%	Yes
West Valley Investment Group Tarzana, CA	\$1,723,000	-	-	-
MMC Inc. La Palma, CA	\$1,754,000	-	-	-
Houalla Enterprises Ltd. Newport Beach, CA	\$2,155,783	-	-	-
Minako America Corporation Gardena, CA	\$2,877,700	-	-	-

¹ Small Business Enterprise (SBE) participation level established at 25% for this contract.

The Metropolitan Water District of Southern California**Subcontractors for Low Bidder****Specifications No. 2031****Jensen Washwater Reclamation Plant No. 2 Flocculation Basin Refurbishment**

Low bidder: Myers and Sons Construction, LLC

Subcontractor	Service Category; Specialty
Champion Painting Irvine, CA	Coatings
Tharsos Inc. La Mesa, CA	Demolition





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

7/8/2025 Board Meeting

7-5

Subject

Authorize an increase of \$700,000 in change order authority to an existing contract with Power Engineering Construction Co. for urgent diving services at Lake Mathews; the General Manager has determined that the project is exempt or otherwise not subject to CEQA

Executive Summary

Lake Mathews is the terminus of the Colorado River Aqueduct (CRA). Water is withdrawn from the reservoir using two outlet towers connected to a junction shaft. Outlet Tower No. 1 is part of the original construction, and its upper portion was removed when Outlet Tower No. 2 was built. The two lowest tiers of Outlet Tower No. 1 were retained, and the openings modified to include blind flanges mounted on hinges that can be manually closed by divers. These openings on Outlet Tower No. 1 are normally left open, and flows are controlled downstream using gates at the junction shaft. Last month when switching towers for maintenance, the gate at the junction shaft became stuck in the open position. Without the ability to operate the gate, divers must manually close the flanges to prevent the potential for poor-quality water from entering the system during the summer months. A future shutdown will be scheduled to repair the gate.

To prevent adverse water quality impacts this summer, there is an urgent need to manually install the blind flanges at Outlet Tower No. 1 and restrict flow from the lower elevations of the lake. Due to the depth of the water at the location of the blind flanges and other complexities, Metropolitan divers are not recommended to conduct this work. Staff recommends utilizing diving services through a change order to an ongoing construction contract. A contract to install a new floating wave attenuator at Diamond Valley Lake includes diving services as part of the work, and these diving services are suitable for the deep-diving work that is required for this urgent activity. Using the existing contract to perform the urgent diving work at Lake Mathews Outlet Tower No. 1 represents the safest, most cost-effective, and expeditious means to complete the work. This action authorizes increasing the General Manager's authority to execute a change order to an existing contract. See **Attachment 1** for the Location Map.

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

Staff Recommendation: Option #1

Option #1

Authorize an increase of \$700,000 in change order authority for a new maximum change order authority of \$1,092,143 to an existing contract with Power Engineering Construction Co. for diving services at Lake Mathews.

Fiscal Impact: Expenditure of \$1.1 million in O&M funds. All costs will be incurred in the current biennium and have been previously authorized.

Business Analysis: This option will prevent adverse water quality impacts to member agencies downstream of Lake Mathews this summer.

Option #2

Do not authorize the increase in change order authority at this time.

Fiscal Impact: None

Business Analysis: Under this option, the water quality of member agencies downstream of the Lake Mathews facility may be adversely impacted this summer.

Alternatives Considered

Staff considered issuing a new contract to perform the urgent diving work at Lake Mathews Outlet Tower No. 1. To comply with bidding requirements and Administrative Code provisions on contract awards, staff would need to develop a contract, bid the contract, and the Board would need to award the contract; likely delaying the start of work until August 2025 at the earliest. During the summer months, poor water quality is anticipated at lower elevations in Lake Mathews. Delaying the urgent diving work to advertise and award a new contract would risk delivering poor quality water to member agencies receiving water from Lake Mathews during the summer months, as well as to the Weymouth and Diemer plants.

Staff also considered utilizing Metropolitan's in-house diving staff to perform the urgent diving work at Lake Mathews Outlet Tower No. 1. Given the depth of Outlet Tower No. 1, there are significant restrictions on the time divers can perform the work at depth. In addition, the work requires entering a confined space to install the flanges. The work is more appropriate for a specialized diving contractor with the experience, equipment, and resources to perform the job safely.

The recommended option would be to utilize a change order under an existing construction contract. The contractor performing work to install a new floating wave attenuator at Diamond Valley Lake includes specialized diving services and can safely and efficiently perform the urgent diving work at Lake Mathews Outlet Tower No. 1.

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

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

By Minute Item 53522, dated February 13, 2024, the Board awarded a \$7,842,856 contract to Power Engineering Construction Co. to install a new Floating Water Attenuator at Diamond Valley Lake.

California Environmental Quality Act (CEQA)

CEQA determination for Option #1:

The proposed action is exempt from CEQA because it involves the operation, repair, maintenance, or minor alteration of existing public structures, facilities, and mechanical equipment 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

Background

Lake Mathews is the terminus of the CRA and conveys water via the Upper and Lower Feeders to supply the Weymouth and Diemer plants. The Lake Mathews facilities were initially constructed in 1938 and expanded to their current capacity of 182,000 acre-feet in 1961.

In 2004, a second outlet tower was installed at Lake Mathews, and the existing Outlet Tower No. 1 was modified as part of the work. The top portion of the old tower was removed, but the bottom portion was retained as a low-level outlet. The control valves in the old tower were removed and replaced with blind flanges for isolation. A junction shaft connects the two towers to the outlet headworks and controls flow between the two towers with large slide gates. The blind flanges at the old tower can only be removed or installed by divers, as flows were meant to be controlled at the junction shaft by the gates.

Last month, the slide gate at the junction shaft became inoperable. The gate became bound during operation and is currently stuck in the 70 percent open position. The gate would normally be closed during the summer to isolate Outlet Tower No. 1, as lake stratification can often lead to poor water quality at the lowest lake elevations. With the junction shaft gate stuck in the open position, utilizing divers to install the blind flanges is the only way to isolate Outlet Tower No. 1.

As the weather warms, water quality in the lake may deteriorate at the Outlet Tower No. 1 inlet elevations adversely affecting the water quality leaving Lake Mathews and ultimately entering the Weymouth and Diemer. While Metropolitan's treatment plants with their ozone facilities are expected to be able to handle the poor water quality without violating drinking water standards, there is potential for taste and odor issues. In addition, member agencies relying on raw water deliveries from the Upper or Lower Feeders would be adversely impacted.

The configuration of Outlet Tower No. 1 presents some unique challenges for divers. The tower is currently submerged under more than 100 feet of water. Due to the depth, divers have limited working time available before needing to return to the surface. In addition, the structure must be entered using a small opening in the top deck, making the structure an underwater confined space. Experienced divers with appropriate equipment and resources are needed to perform the work safely.

Staff recommends utilizing a change order under an ongoing contract to perform the urgent diving work at Lake Mathews Outlet Tower No. 1. The current contract for installing a new floating wave attenuator at Diamond Valley Lake includes diving services for installing the anchors. The contractor has specialized diving experience, has performed comparable work under the existing contract, and has the necessary equipment and resources to safely perform the urgent diving work needed at Outlet Tower No. 1. The urgent diving work is expected to be completed in July and will allow continued delivery of high-quality water deliveries from Lake Mathews.

Metropolitan's Administrative Code authorizes the General Manager to execute change orders on construction contracts in an aggregate amount not to exceed five percent of the initial amount of the contract or \$250,000, whichever is greater. If changes occur on a construction contract that will exceed this total, additional authorization from Metropolitan's Board is required. The proposed change order to perform the urgent diving work will exceed the General Manager's Administrative Code authority. As a result, an increase in the maximum change order amount on the existing contract is requested at this time.

Diamond Valley Lake Floating Wave Attenuator System Replacement – Increase in Change Order Authority (Contract 2004)

The recommended work to be added to the contract includes providing a barge or work boat to access and perform the work; supplying adequate skilled, experienced divers and appropriate equipment for the conditions; accessing the interior of Outlet Tower No. 1; cleaning and removing quagga mussels as needed at 18 existing inlet flanges; closing (18) 30-inch diameter blind flanges; and accessing the interior of the junction shaft structure to document the conditions of the gate and gate guides to determine the cause of binding to be addressed in a future shutdown.

Per Metropolitan's Administrative Code, the General Manager has the authority to execute change orders for this contract in an aggregate amount not to exceed five percent of the initial amount of the contract or \$250,000, whichever is greater. For this contract, the maximum change order authority is \$392,143. To date, staff has not executed change orders on this contract, but there are some pending issues still to be resolved with the contractor. To perform the needed extra work, staff recommends that the change order authority be increased by \$700,000 for a new maximum change order authority of \$1,092,143. This action authorizes increasing the change order

authority to an existing contract with Power Engineering Construction Co. to perform urgent diving services at Lake Mathews.

Urgent Diving Services at Lake Mathews Outlet Tower No. 1 – Metropolitan Staff Activities

Additional Metropolitan staff activities will be required to perform the urgent diving services, including (1) shutdown of Lake Mathews outlet works and establishment of clearances; and (2) construction inspection, submittal review, technical support, contract administration, and project management.

A total of \$1.1 million is required for this work. The increase to the existing contract amount for the work described above is approximately \$700,000, with other budgeted funds including the following: \$240,000 for shutdown-related activities and materials by Metropolitan staff; \$57,000 for construction inspection; \$27,000 for submittals review, technical support during construction, and responding to requests for information; \$25,000 for contract administration and project management; and \$51,000 for remaining budget.

In accordance with the provisions of the Governmental Accounting Standards Board, Metropolitan's work associated with these diving services must be conducted with O&M funds instead of a capital appropriation. Funds for this action are available within Metropolitan's operating budget funds for fiscal years 2024/25 and 2025/2026.

Project Milestone

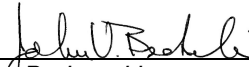
July 2025 – Completion of work activities to install the blind flanges on Outlet Tower No. 1



6/18/2025

Mai M. Hattar
Interim Chief Engineer
Engineering Services

Date



6/18/2025

John Bednarski
Assistant General Manager

Date

Attachment 1 – Location Map

Ref# es12709639

