

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

MINUTES

ENGINEERING, OPERATIONS & TECHNOLOGY COMMITTEE

February 12, 2024

Chair Erdman called the meeting to order at 9:30 a.m.

Members present: Directors Alvarez, Bryant, Camacho, Dennstedt (entered after roll call), Erdman, Faessel, Fong-Sakai, Lefevre (teleconference location posted), McMillan, Miller, Morris, Peterson (entered after roll call), Petersen, Seckel, and Smith.

Members absent: None

Other board members present: Chair Ortega, Directors Armstrong, Cordero, Dick, Goldberg, Kurtz, and McCoy.

Committee staff present: Bednarski, Carter, Chapman, Chaudhuri, Eckstrom, Hagekhalil, Parsons, Upadhyay, and Wheeler

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))

1. David Pedersen – Las Virgenes Municipal WD – In support of 9-2
2. Linda Krupa – Hemet Council Member – In support of 7-2

Director Dennstedt entered the meeting.

CONSENT CALENDAR ITEMS – ACTION

2. CONSENT CALENDAR OTHER ITEMS – ACTION

- A. Approval of the Minutes of the Engineering, Operations, and Technology Committee for January 8, 2024 (Copies have been submitted to each Director, any additions, corrections, or omissions)

3. CONSENT CALENDAR OTHER ITEMS – ACTION

- 7-1** Subject: Authorize an increase of \$4.34 million to an agreement with Pure Technologies U.S. Inc. for a new not-to-exceed total amount of \$4.41 million to furnish and monitor an acoustic fiber optic prestressed concrete cylinder pipe monitoring system along the Foothill Feeder; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

Presented by: No presentation requested

Motion: Authorize an increase of \$4,340,000 to an existing agreement with Pure Technologies U.S. Inc. for a new amount not-to-exceed \$4,410,000 to furnish and monitor an AFO system for the Foothill Feeder.

- 7-2** Subject: Award a \$7,842,856 contract to Power Engineering Construction Co. for the installation of a new floating wave attenuator at Diamond Valley Lake; the General Manager has determined that the project is exempt or otherwise not subject to CEQA

Presented by: No presentation requested

Motion: Award a \$7,842,856 construction contract to Power Engineering Construction Co. to install a new floating wave attenuator and to refurbish and move the existing attenuator to another location at the DVL East Marina.

The following Directors provided comments or asked questions:

1. Alvarez
2. Miller

Staff responded to the Directors questions and comments.

- 7-3** Subject: Authorize an agreement with Stantec Consulting Services Inc. in an amount not to exceed \$1 million for preliminary design to rehabilitate the solids removal systems at the Joseph Jensen and Henry J. Mills Water Treatment Plants; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA

Presented by: No presentation requested

Motion: Authorize an agreement with Stantec Consulting Services Inc. in an amount not to exceed \$1 million for preliminary design to rehabilitate the sedimentation basins solids removal systems at the Joseph Jensen and Henry J. Mills Water Treatment Plants

- 7-4** Subject: Award a \$544,501 procurement contract to Electric Machinery Company – A WEG Group to furnish one brushless motor exciter system for Gene Pumping Plant Unit No. 1; the General Manager has determined that the proposed actions are exempt or otherwise not subject to CEQA
- Presented by: No presentation requested
- Motion: Award a procurement contract to Electric Machinery Company – A WEG Group in an amount not to exceed \$544,501 to furnish a brushless motor exciter system for Gene Pumping Plant Unit No. 1
- 7-5** Subject: Award a \$2,375,700 contract to J.F. Shea Construction Inc. for construction of a hazardous waste handling and storage facility at the La Verne site; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA
- Presented by: No presentation requested
- Motion: Award a \$2,375,700 contract to J.F. Shea Construction Inc. for construction of a hazardous waste handling and storage facility at the La Verne site
- 7-6** Subject: Authorize amendments to two agreements for energy and transmission services with the Arizona Electric Power Cooperative, related to the termination and credits services provisions of those agreements; the General Manager has determined the proposed action is exempt or otherwise not subject to CEQA
- Presented by: No presentation requested
- Motion: Authorize amendments to the Power System Operation Services Agreement and Scheduling and Trading Services Agreement, both with the Arizona Electric Power Cooperative, related to the termination and credit services provisions of those agreements.

Director Morris made a motion, seconded by Director Dennstedt, to approve the consent calendar consisting of item 2A, and items 7-1, 7-2, 7-3, 7-4, 7-5, and 7-6.

The vote was:

- Ayes: Directors Alvarez, Bryant, Camacho, Dennstedt, Erdman, Faessel, Fong-Sakai, Lefevre, McMillan, Miller, Morris, Petersen, Seckel, and Smith.
- Noes: None
- Abstentions: None
- Not voting: None
- Absent: Director Peterson

The motion for Items 2A, 7-1, 7-2, 7-3, 7-4, 7-5 and 7-6 passed by a vote of 14 ayes, 0 noes, 0 abstention, and 1 absent.

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

4. OTHER BOARD ITEMS – ACTION

8-1 Subject: Authorize increase in change order authority for three contracts to conduct urgent rehabilitation of prestressed concrete cylinder pipe on the Allen-McColloch Pipeline: (1) a \$12 million increase for Contract 2002 with Northwest Pipe Company, (2) a \$10.5 million increase for Contract 2026 with J.F. Shea Construction Inc., and (3) a \$2 million increase for Contract 2088 with Structural Preservation Systems; the General Manager has determined that the proposed actions are exempt or otherwise not subject to CEQA

Presented by: Cristian Ovalle – Team Manager, Program Management

Motion: Authorize increase in change order authority for three contracts to conduct urgent rehabilitation of prestressed concrete cylinder pipe on the Allen-McColloch Pipeline: (a) Authorize an increase in change order authority of \$12 million to Contract 2002 with Northwest Pipe Company, (b) Authorize an increase in change order authority of \$10.5 million to Contract 2026 with J.F. Shea Construction Inc., and (c) Authorize an increase in change order authority of \$2 million to Contract 2088 with Structural Preservation Systems

The following Directors provided comments or asked questions:

1. Miller
2. Seckel
3. Smith

Staff responded to the Directors questions and comments.

After completion of the presentation, Director Bryant made a motion seconded by Director Morris to approve item 8-1.

The vote was:

Ayes:	Directors Alvarez, Bryant, Camacho, Dennstedt, Erdman, Faessel, Fong-Sakai, Lefevre, McMillan, Miller, Morris, Petersen, Seckel, and Smith.
Noes:	None
Abstentions	None
Not Voting	None
Absent:	Director Peterson

The motion for Item 8-1 passed by a vote of 14 ayes, 0 noes, 0 abstentions, and 1 absent.

2. BOARD INFORMATION ITEMS

9-2 Subject: Strategy for Implementation of Drought Mitigation Actions in Response to the August 2022 Board Resolution

Presented by: John Shamma, Section Manager, Engineering Services Group

The following Directors provided comments or asked questions:

4. Alvarez
5. Erdman
6. Lefevre
7. Miller
8. Peterson
9. Seckel
10. Smith

Staff responded to the Directors questions and comments.

Director Peterson entered the meeting.

5. COMMITTEE ITEMS

Director Erdman announced that the committee items will be taken out of order beginning with item 6b

b. Subject: Strategic Infrastructure Resilience Plan Development
Presented by: Ernie Ariza, Team Manager, Facility Planning

Mr. Ariza reported on the following:

- Purpose of Strategic Infrastructure Resilience Plan (SIRP)
- SIRP Development Road Map
- Assessment Process for Resilient Infrastructure
- Seismic Resilience Annual Update
- Measures to Enhance Resilience against Extreme Events

The following Directors provided comments or asked questions.

1. Seckel

Staff responded to the Directors questions and comments.

- c. Subject: 2023 System Operations: A Year in Review
Presented by: Miluska Propersi, Sr. Engineer, WSO

Ms. Propersi reported on the following:

- Record-high storage for Metropolitan in 2023
- Adapting operations to changing hydrologic conditions
- Managing water quality issues, including turbidity, alkalinity, cyanobacterial blooms, and nitrification
- Preparing for and responding to emergencies including Tropical Storm Hilary
- Key shutdowns in 2023 to ensure system reliability.
- Preparing for future drought reliability

The following Directors provided comments or asked questions.

1. Erdman
2. Ortega
3. Peterson
4. Smith

Staff responded to the Directors questions and comments.

Director Bryant left the meeting.

Director Erdman announced that item 6d will go before item 6a

- d. Subject: Source Water Protection update
Presented by: Mauricio Santos, Engineer, WSO

Mr. Santos reported on the following:

- Safeguarding the public's drinking water using a multi-barrier approach
- Water quality challenges in the State Water Project
- Diamond Valley Lake cyanotoxin bloom and Castaic Lake turbidity events
- Quagga mussel monitoring
- Colorado River water quality activities including Moab uranium mill tailings cleanup, Henderson perchlorate remediation, and Topock chromium-6 remediation
- Colorado River salinity control and salinity levels in Metropolitan supplies

- a. Subject: Quarterly Cybersecurity Update
Presented by: Jake Margolis, Director of Info Tech Services

Closed session [Conference with Metropolitan Director of Info Tech Services, Information Technology, Jacob Margolis, or designated agents on threats to public services or facilities; to be heard in closed session pursuant to Gov. Code Section 54957(a)]

6. MANAGEMENT ANNOUNCEMENTS AND HIGHLIGHTS

- a. Subject: Engineering Services, Information Technology, and Water System Operations Activities
Presented by: Deven Upadhyay, Executive Officer/Assistant General Manager-Water Resources
 Shane Chapman, Assistant General Manager Operations

Mr. Upadhyay reported on the following:

- Rachel Carson, Metropolitan's tunnel boring machine, has been launched and is working through the Perris Valley Pipeline tunnel project.

Mr. Chapman reported on the following:

- Metropolitan's service area experienced a significant storm event followed by an earthquake. MWD employees and member agency managers received a message from the General Manager, and there were no injuries to employees or major impacts to facilities or operations.

7. SUBCOMMITTEE REPORTS AND DISCUSSION

- a. Report from Subcommittee on Subcommittee on Pure Water Southern California and Regional Conveyance

Presented by: Director Morris

- b. Discuss and provide direction to Subcommittee on Pure Water Southern California and Regional Conveyance

8. FOLLOW-UP ITEMS

NONE

9. FUTURE AGENDA ITEMS

NONE

10. ADJOURNMENT

The next meeting will be held on March 11, 2024.

Meeting adjourned at 12:06 p.m.

Dennis Erdman
Chair