

MINUTES OF BOARD OF DIRECTORS MEETING
WATER ISSUES COMMITTEE
ORANGE COUNTY WATER DISTRICT
June 11, 2025 @ 12:00 p.m.

Director Green called the Water Issues Committee meeting to order at 12:00 p.m. in the Conference Room L-1. Public access was also provided via Zoom webinar. The Secretary called the roll and reported a quorum as follows:

<u>Committee Members</u>		<u>OCWD</u>
Cathy Green		John Kennedy – General Manager
Erik Weigand		Chris Olsen – Executive Director of Engineering/Water Resources
Roger Yoh	arrived @ 12:03 p.m.	Mehul Patel – Executive Director of Operations
Van Tran		Jason Dadakis – Executive Director of Water Quality & Technical Resources
Dina Nguyen	arrived @ 12:04 p.m.	Roy Herndon – Chief Hydrogeologist
<u>Alternates</u>		Dave Mark – Principal Hydrogeologist
Valerie Amezcua	arrived @ 12:02 p.m.	Adam Hutchinson – Recharge Planning Manager
Fred Jung	arrived @ 12:09 p.m.	Randy Fick – Treasurer/CFO
Natalie Meeks	(absent)	Ryan Bouley – Director of Engineering
Steve Sheldon	arrived @ 12:02 p.m.	Larry Esguerra – Senior Engineer
Denis Bilodeau	arrived @ 12:02 p.m.	Sheryl Parsons – Natural Resources Director
		Pat Versluis – Director of Water Quality
		Ben Smith – Director of Recharge & Wetland Operations
		Shawn Neville – Principal Planner
		Alex Waite – Principal Engineer
		Jeremy Jungreis – General Counsel
		Leticia Villarreal – Assistant District Secretary

CONSENT CALENDAR

The Consent Calendar was approved upon motion by Director Tran, seconded by Director Weigand and carried [3-0], as follows:

Ayes: *Green, Weigand, Tran*

1. Minutes of Water Issues Committee Meeting

The Minutes of the Water Issues Committee meeting held May 14, 2025, were approved as presented.

2. Award Contract No. GA-2024-1 GAP Process Building Exterior Stair Replacement Project to Vicon Enterprise

Recommended for approval at June 18 Board meeting:

1. **Receive and file Affidavit of Publication of Notice Inviting Bids for Contract GA-2024-1 GAP Process Building Exterior Stair Replacement Project;**
2. **Accept bid and award contract GA-2024-1 to the lowest responsive bid and responsible bidder, Vicon Enterprise, in the amount of \$470,000;**
3. **Authorize issuance of Amendment 1 to Agreement No. 1507 with Scheevel Engineering for construction phase services in the amount of \$22,800.00; and**
4. **Establish Project budget in the amount of \$535,050**

3. Contract No. LAB-2024-1: Change Order Ratification and Budget Increase

Recommended for approval at June 18 Board meeting:

1. Ratify issuance of Change Order No. 1; and
2. Increase project budget by \$50,000 for a total project budget in the amount of \$1,175,000

4. Contract No. SA-2025-1 City of Santa Ana PFAS Treatment at John Garthe Reservoir Notice Inviting Bids and Request for Proposals for Construction Management

Recommended for approval at June 18 Board meeting:

1. Authorize publication of Notice Inviting Bids for Contract No. SA-2025-1, City of Santa Ana PFAS Treatment at John Garthe Reservoir Project; and
2. Authorize issuance of a Request for Proposal for Construction Management Services for the City of Santa Ana PFAS Treatment at John Garthe Reservoir Project

5. Award Contract No. FV-2024-1 Annex Building Roof Replacement Project to C.I. Services Inc.

Recommended for approval at June 18 Board meeting:

1. Receive and file Affidavit of Publication of Notice Inviting Bids for Contract FV-2024-1 Annex Building Roof Replacement Project;
2. Ratify issuance of Addendum #1;
3. Accept bid and award contract FV-2024-1 to the lowest responsive bid and responsible bidder, C.I Services Inc, in the amount of \$168,000; and
4. Establish Project budget in the amount of \$177,400

6. Anaheim Lake Valve Vault Project: Request for Proposals for Construction Management and Inspection Services

Recommended for approval at June 18 Board meeting: Authorize issuance of RFP for Construction Management and Inspection Services for Contract No. A-2025-1, Anaheim Valve Vault Project.

7. Adoption of the Orange County Regional Water and Wastewater Multi-Jurisdictional Hazard Mitigation Plan for 2025

Recommended for approval at June 18 Board meeting: Approve and adopt the revised Orange County Regional Water and Wastewater Multi-Jurisdictional Hazard Mitigation Plan.

8. Fullerton Main Plant (Wells 5, 6 & 8) and Well 7A PFAS Water Treatment Plant Engineers Report; Categorical Exemption, Contract No. FUL-2025-1 Notice Inviting Bids, and Authorization To Reimburse City Of Fullerton for Well 7A PFAS Water Treatment Project

Recommended for approval at June 18 Board meeting:

1. Approve the Engineer's Report for the City of Fullerton Main Plant (Wells 5, 6 & 8) and Well 7A PFAS Water Treatment Projects and determine the projects feasible, necessary and beneficial to the lands of the District;
2. Authorize filing of a Categorical Exemption for the City of Fullerton Main Plant (Wells 5, 6 & 8) in compliance with the California Environmental Quality Act (CEQA) guidelines;
3. Authorize publication of Notice Inviting Bids for Contract No. FUL-2025-1, Fullerton Main Plant (Wells 5, 6 & 8) PFAS Water Treatment Plant; and
4. Authorize reimbursement to the City of Fullerton for constructing the Main Plant Well 7A PFAS Water Treatment Project in an amount not to exceed \$750,000

9. Amendment to ABM Electrical Power Services, LLC Agreement Number 1586 for Field Headquarters Site Wide Electrical Maintenance and Testing

Recommended for approval at June 18 Board meeting: Authorize issuance of Amendment No. 1 to ABM Electrical Power Services, LLC in the amount of \$4,260 for services to inspect, clean, test and certify 12 sites' power distribution equipment and increase agreement 1586 total cost to \$58,620.

10. Award Contract No. GWRS-2025-2 Microfiltration West Basement Acoustic Panel Project to Pacific Sound Control

Recommended for approval at June 18 Board meeting:

1. **Receive and file Affidavit of Publication of Notice Inviting Bids for Contract GWRS-2025-2 Microfiltration West Basement Acoustic Panel Project;**
 2. **Ratify issuance of Addendum No. 1 and Addendum No. 2;**
 3. **Accept bid and award contract GWRS-2025-2 to the lowest responsive bid and responsible bidder, Pacific Sound Control, in the amount of \$519,628; and**
 4. **Establish the Microfiltration West Basement Acoustic Panel Project budget in the amount of \$675,000**
11. Project Funding Agreement with the Water Research Foundation for Pilot Study on PFAS Treatment

Recommended for approval at June 18 Board meeting:

1. **Approve and authorize agreement with The Water Research Foundation (WRF) in the amount of \$300,000 for the study titled "Estimating PFAS using total fluorine methods in influent and effluents from a pilot-scale adsorption system";**
2. **Authorize \$100,000 pre-payment to WRF for study co-funding (District cash contribution); and**
3. **Approve and authorize contractor agreements with Kleinfelder for an amount not to exceed \$18,000 and regeneration subcontract for an amount not to exceed \$20,000**

MATTER FOR CONSIDERATION

12. Authorize Issuance of Request for Proposals for Flow Reversal Reverse Osmosis Retrofit Construction Study

Principal Engineer Alex Waite informed the committee that the GWRS operates at a maximum capacity of 130 million gallons per day which means that it needs to take in about 174 million gallons from OC San. He shared that many technologies were investigated through reviews, bench scale and pilot scale tests. He advised that through this process, Research and Development found that Flow Reversal Osmosis Retrofit (FRRO) takes the static RO that's currently installed at GWRS and makes it dynamic thus recovery has gone from 85% of max production to 90% or higher. He reported that from 2021 to 2023 there was a pilot study that achieved a stable recovery of 89 to 90%. Mr. Waite noted that the next step is to conduct a constructability study that would look at analyzing the cost and taking the information that was developed at the preliminary level and develop that information with more detail at a full constructability analysis, and then to finally identify the best candidate for a full scale retrofit.

Upon motion by Director Weigand, seconded by Director Nguyen and carried [5-0], the Committee recommended for approval at the June 18 Board meeting: Authorize issuance of Request for Proposals for the Flow Reversal Reverse Osmosis Retrofit Constructability Study.

Ayes: Green, Weigand, Yoh, Tran, Nguyen

INFORMATIONAL ITEMS

13. OC San Biosolids Deep Well Injection Project

OC San's General Manager Rob Thompson presented on the Biosolids Deep Well Injection (DWI) project. He stated OC San is currently conducting a feasibility study on DWI for biosolids management, on average the county produces 550 tons a day. He shared OC San currently uses agricultural reuse as the primary go to system with the balance being composted and going to Kern or San Bernardino county. He explained that OC San had been studying deep well injection. He pointed out that the oil industry has used deep oil injection of oil field waste for years. Mr. Thompson reported that a study was conducted over 20 years ago along with the city of Los Angeles and it has operated successfully since. He relayed that this innovative approach seems to create significant long-term carbon sequestration and reduce the need for long-haul truck transportation, thereby cutting down carbon emissions and costs. He noted that this process aims to keep the biosolids and gases completely separated from the groundwater basin, providing a secure method for managing residuals containing substances like PFAS, microplastics and pharmaceuticals.


14. Prado Basin Sand Removal

General Manager John Kennedy provided an update on the Prado Basin Sand removal. He informed the committee that staff will soon recommend going out to bid to hire a contractor. He advised that OCWD has an obligation of moving 250,000 yards of sand for the permit. He mentioned there has been interest from the city of San Clemente and Orange County Transit Authority needing the sand.

CHAIR DIRECTION AS TO ITEMS IF ANY TO BE AGENDIZED AS MATTERS FOR CONSIDERATION AT THE JUNE 18 BOARD MEETING

ADJOURNMENT

There being no further business, the meeting was adjourned at 12:43 p.m.

DocuSigned by:

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Cathy Green, Chair