

AGENDA
WATER RESOURCES COMMITTEE
Monday, December 6, 2021 at 9 a.m.
UNITED WATER CONSERVATION DISTRICT
Boardroom, 1701 N. Lombard Street, Oxnard CA 93030

Meeting attendees should be aware that the meetings of the Committee are, as required by law, open to the public and the District has very limited powers to regulate who attends Committee meetings. Therefore, attendees must exercise their own judgement with respect to protecting themselves from exposure to COVID-19, as the District cannot ensure that all attendees at public meetings will be free from COVID-19.

In addition to its public Water Resources Committee Meeting, people may choose to participate virtually using the Zoom video conferencing application.

To participate in the Water Resources Committee Meeting via Zoom, please click on this link:

<https://us02web.zoom.us/j/85969825757?pwd=VWJCR2RremhvWjdreVptZ1RnMWljUT09>

Meeting ID: 859 6982 5757

Passcode: 20211206

Dial-in (audio only) 877 853 5247 US Toll-free

OPEN SESSION: 9:00a.m.

Committee Members roll call

1. Public Comment

The public may address the Water Resources Committee on any matter on the agenda or within the jurisdiction of the Committee. All comments are subject to a five-minute time limit.

2. Approval of Minutes - Motion

The Committee will review and consider approving the minutes from the Water Resources Committee meeting of October 5, 2021.

3. Water Resources Department Update (05 minutes: Mr. Detmer)

Staff is available to provide updates to the Committee on recent Water Resources Department activities and projects.

4. Groundwater Sustainability Agencies Update (10 minutes: Mr. Detmer)

The Committee will receive a presentation on GSA activities and schedules for the Fillmore and Piru Basins, Mound Basin and Fox Canyon Groundwater Management Agency (Oxnard, Pleasant Valley and Las Posas Valley basins).

5. Why Adjudication Lawsuits are *Unnecessary* (5 minutes: Mr. Detmer)

Several Water Sustainability Projects are being developed which will “fill the gap” between allocations and demand. The Extraction Barrier and Brackish Water Treatment Project, detailed in the public workshop immediately following this Committee meeting, will provide additional water resources that will support current land use activities and facilitate future sustainability.

FUTURE AGENDA ITEMS



ADJOURNMENT

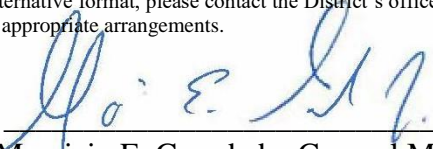
Committee Members:

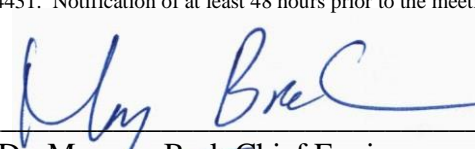
Edwin T. McFadden III, Chair
Lynn E. Maulhardt
Daniel C. Naumann

Staff:

Mauricio E. Guardado, Jr., General Manager
Maryam Bral, Chief Engineer
Dan Detmer, Water Resources Manager
Eric Elliott, Associate Hydrogeologist
Dr. Zachary Hanson, Hydrogeologist
Kathleen Kuepper, Hydrogeologist
John Lindquist, Senior Hydrogeologist
Murray McEachron, Principal Hydrologist
Dr. Bram Sercu, Senior Hydrologist
Dr. Jason Sun, Principal Hydrogeologist/Modeler

The Americans with Disabilities Act provides that no qualified individual with a disability shall be excluded from participating in, or denied the benefits of, the District's services, programs or activities because of any disability. If you need special assistance to participate in this meeting, or if you require agenda material in an alternative format, please contact the District's offices at (805) 525-4431. Notification of at least 48 hours prior to the meeting will enable the District to make appropriate arrangements.

Approved: 
Mauricio E. Guardado, General Manager


Dr. Maryam Bral, Chief Engineer

Posted (Date): November 23, 2021 (time) 11 am (attest) *Eva Ibarra*
At: UWCD Headquarters, 1701 N. Lombard Street, Oxnard, CA 93030

Posted (Date): November 23, 2021 (time) 11:15am (attest) *Eva Ibarra*
At: www.unitedwater.org



UWCD Extraction Barrier and Brackish Water Treatment Project

Basin Impact and Benefits Assessment

Public Workshop

Monday, December 6, 2021 at 9:30 a.m. (estimated start time)

UNITED WATER CONSERVATION DISTRICT

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People may choose to participate virtually using the Zoom video conferencing application.

To participate in the Prop 1 Planning Grant Public Workshop via Zoom, please click on this link:

<https://us02web.zoom.us/j/85969825757?pwd=VWJCR2RremhvWjdreVptZlRnMWljUT09>

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[please note: this is the same link used for the UWCD Water Resources Committee meeting –

If you were online for the Committee meeting, you do not need to re-enter the meeting]

- 1. Welcome (5 minutes)**
UWCD staff will introduce the Extraction Barrier and Brackish Water Treatment Project, which will provide additional water resources that will support current land use activities and facilitate future sustainability, as demonstrated through the feasibility study supported by the Prop 1 Grant*.
- 2. Explanation of United's Prop 1 Round 2 Planning Grant (5 minutes: Mr. Detmer)**
Brief introduction to the grant program and United's Grant.
- 3. Background information, basin overdraft and seawater intrusion (10 minutes: Mr. Detmer)**
History of overdraft and seawater intrusion in the Oxnard basin, projects and managements actions to address the problem, Fox Canyon Groundwater Management Agency's Oxnard Basin Groundwater Sustainability Plan recently approved by CA Department of Water Resources.
- 4. Extraction barrier concept and project design (10 minutes: Mr. Detmer)**
Description of extraction barrier project design and objectives.
- 5. Project site geology (10 minutes: Mr. Elliot)**
Aquifers in the Project area, refined mapping of Oxnard aquifer confinement in the Project area.
- 6. Groundwater flow model development and calibration (20 minutes: Dr. Sun)**
Conversion of United's Coastal Plain Model to MODFLOW-USG-TRANSPORT, allowing simulation of seawater density and solute transport (chloride).
- 7. Results of Project Modeling (20 minutes: Dr Sun)**
Presentation of result of project pumping simulations, at various project scales, including simulated chloride concentrations in the Oxnard and Mugu aquifers, water level changes in the greater project area, characterization of vertical flow between aquifers.
- 8. Public forum and discussion (40 minutes)**
Open forum for comment and questions related to the project.

*Funding for this project has been provided in full or in part by Proposition 1 – the Water Quality, Supply, and Infrastructure Improvement Act of 2014 through an agreement with the State Water Resources Control Board. The contents of this document do not necessarily reflect the views and policies of the foregoing, nor does mention of trade names or commercial products constitute endorsement or recommendation for use.