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**MINUTES**  
**WATER RESOURCES COMMITTEE**  
**Tuesday, June 1, 2021, at 9 a.m.**  
**UNITED WATER CONSERVATION DISTRICT**  
**Boardroom, 1701 N. Lombard Street, Oxnard CA 93030**

**Committee Members Present:**

Chair Edwin McFadden – Chair  
Director Maulhardt - Director  
Director Naumann – Director (arrived 9:16 am)

**Staff Present:**

Mauricio E, Guardado, General Manager  
Dr. Maryam Bral, Chief Engineer  
Dan Detmer, Supervising Hydrogeologist  
Anthony Emmert, Assistant General Manager  
Dr. Zachary Hanson, Hydrogeologist  
Eva Ibarra, Administrative Assistant  
Kathleen Kuepper, Hydrogeologist  
John Lindquist, Senior Hydrogeologist  
Murray McEachron, Principal Hydrologist  
Josh Perez, HR Manager  
Zachary Plummer, IT Administrator  
Dr. Bram Sercu, Senior Hydrologist  
Kris Sofley, Executive Assistant to GM Mauricio Guardado/Clerk of the Board  
Dr. Jason Sun, Senior Hydrogeologist/Modeler

**Public Present:** (via WebEx)

Arne Anselm, Ventura County Public Works Agency  
Burt Handy  
Curtis Hopkins, Hopkins Groundwater Consultants, Inc.  
Tony Morgan, DBS&A  
Monica Noeng, Ventura Water

**OPEN SESSION: 9:00am**

**Committee Members roll call**

Chair McFadden and Director Maulhardt were in attendance in the Boardroom. Director Naumann arrived at the meeting 16 minutes later.



**1. Public Comment**

Chair McFadden asked if there were any public comments for the Water Resources Committee; none were offered.

**2. Approval of Minutes - Motion**

Motion to approve the April 12, 2021, Water Resources Committee meeting minutes, Director Maulhardt; Second, Director McFadden. Roll call vote: two ayes (McFadden and Maulhardt); none opposed; one absent (Naumann), motion carries 2/0/1.

**3. Initial Modeling Results for the Suite of Proposed Water-Supply Projects Recommended by OPV Stakeholder Projects Committee**

Dr. Bram Sercu gave a presentation detailing the development of a new surface water distribution model with daily time steps and explained how this model has been used to model the distribution of water from various existing and proposed water supply projects to offset groundwater extraction in the Oxnard and Pleasant Valley basins (see slides). Director Maulhardt asked Dr. Sercu how the FCGMA Operations Committee and full Board received the report when presented. Dr. Sercu replied that the report was well received by both, and that both groups were very pleased to see United's progress and encouraging results. He continued, stating that for some projects, such as Brackish Water, there are still more discussion and decisions to come, but they did show progress, and generally were well received. General Manager Mauricio Guardado reiterated how the presentation was well received and the groups were very pleased with the amount of progress and mentioned that the FCGMA board told United staff they would be invited back for more progress reports in the future.

Mr. John Lindquist took over the second part of the presentation, showing particle tracks generated by United's groundwater flow model to approximate the movement of saline water in coastal areas with the sustainability projects coming on over time, and continued water use at present levels (see slides). Director Maulhardt asked Mr. Lindquist about the timeline for the seawater movement from the green line to the red line as shown on the chart in the presentation. Mr. Lindquist replied that the timeline shown reflects the changes within a 50-year span, consistent with the GSP for the Oxnard basin.

Director Maulhardt, Director Naumann, Mr. Guardado, Mr. Detmer and Mr. Lindquist all continued the discussion regarding the scenarios represented in the presentation and what was presented to the FCGMA Board and Operations Committee.

Director Naumann asked if the Anacapa project was on the Fox Canyon Groundwater Management Agency target list for review. Mr. Lindquist said Dan Detmer or Kathleen Kuepper would most likely have more information on the subject, as they conducted the feasibility study.

**4. Recent Progress on Feasibility Demonstrations for Coastal Brackish Water Project**

Dr. Maryam Bral presented on recent coordination activities with the Navy in support of developing the Coastal Brackish Water Project (see slides).

Mr. Guardado asked Dr. Bral if she felt Nathan Jacobsen (U.S. Navy) was essential in moving things forward with progress reports and getting the necessary high-level support for the project. Dr. Bral said absolutely.



Director Maulhardt asked if the Navy is wanting to expedite the project in a faster timeline than previously planned. Dr. Bral stated there are certain elements in the project that pertain to the Navy, which is why the Navy is expediting those elements. Mr. Guardado said the Navy wants to work in parallel fashion with United, rather than waiting for each task to be completed in a linear fashion.

Dr. Jason Sun took over the second part of the presentation, detailing conversion of United's 2018 coastal plain groundwater model to MODFLOW USG, including updated geologic mapping, refinement of the model grid in the project area, and work completed to date to recalibrate the model following conversion to the new version (see slides).

**5. Update on Reports Documenting Expansion and Application of United's Regional Groundwater Flow Model.**

Dr. Hanson presented his update, reporting that staff was finalizing the report detailing expansion of the groundwater flow model up the Santa Clara River Valley (see slides).

**6. Resolution 2021-05 Adopting the 2020 Urban Water Management Plan and the Water Shortage Contingency Plan for the Oxnard Hueneme Pipeline.**

Dr. Hanson asked the Board to consider recommending approval of Resolution 2021-05 to the full Board. All Committee members agreed to recommend approval of the Resolution to the full Board.

**7. Water Resources Department Update**

Mr. Detmer updated the Committee with a presentation on the Water Resources Department activities over the previous month (see slides).

**8. Groundwater Sustainability Agencies Update**

Mr. Detmer provided a verbal update to the Committee regarding the activities of the various GSAs within United's service area, and activities related to Santa Paula basin management.

**FUTURE AGENDA ITEMS**

None were mentioned.

**ADJOURNMENT**

Chair McFadden adjourned the meeting at 11:03 am.

I certify that the above is a true and correct copy of the Minutes of the UWCD Water Resources Committee Meeting of June 1, 2021.

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Chair Edwin McFadden