

FOX CANYON GROUNDWATER MANAGEMENT AGENCY

A STATE OF CALIFORNIA WATER AGENCY



BOARD OF DIRECTORS

Eugene F. West, Chair, Director, Camrosa Water District
David Borchard, Vice Chair, Farmer, Agricultural Representative
Steve Bennett, Supervisor, County of Ventura
Charlotte Craven, Councilperson, City of Camarillo
Robert Eranio, Director, United Water Conservation District

EXECUTIVE OFFICER

Jeff Pratt, P.E.

MINUTES

Minutes of the Fox Canyon Groundwater Management Agency's (FCGMA) Technical Advisory Group (TAG) Meeting held **Thursday, March 1, 2018** in Conference Room B at the Ventura County Saticoy Operations Yard, 11251 Riverbank, Saticoy, CA 93004

A. Call to Order

TAG Chair Kim Loeb called the meeting to order at 9:02 a.m.

He announced that Dr. Bachman, Public Representative would not be in attendance. Also, Ms. Liu would be arriving a little late.

In attendance were: (1) Chair Kim Loeb, Groundwater Manager; (2) Keely Royas, FCGMA Clerk of the Board; (3) Kathleen Riedel, Groundwater Specialist; (4) Tony Morgan, Vice Chair, United Water Conservation District, (UWCD); (5) Bryan Bondy, Agricultural Representative; (6) Terry Foreman, Special Districts & Mutuels Representative; (7) Sally Liu, The Nature Conservancy (TNC); (8) Curtis Hopkins, Five Cities Representative; (9) Jim O'Tousa, Ventura County Board of Supervisors Representative; (10) Dan Detmer, Alternate, UWCD; (11) Peter Quinlan, Dudek; (12) Ron Schnabel, Dudek; (13) Claire Kouba, Dudek; (14) Jason Sun, UWCD; (15) Susan Pan, VCWWD; (16) Thien Ng, City of Oxnard; (17) Tony Stafford, Camrosa Water District; (18) Al Sexton, City of Simi Valley; (19) E.J. Remson, TNC; (20) Lynn Gray Jensen, VCColab.

B. Public Comments

There were no public comments.

C. Approval of Minutes – January 30, 2018 TAG Meeting

Mr. Morgan made a motion to approve the minutes. Mr. Bondy seconded the motion. The minutes were unanimously approved.

D. Approval of Minutes – February 01, 2018 TAG Meeting

Mr. Detmer had a correction under Item E. He wanted it clarified that he stated that the Mugu Aquifer is in direct contact with the Fox Canyon Aquifer and that is why the Mugu water levels are so low; not the Oxnard aquifer.

Mr. Bondy stated that under Item F there was a statement that did not convey his original point. He wanted the statement "Mr. Bondy said if the differences are within range of uncertainty, then they should be unpacked" changed to "Mr. Bondy said if significant differences go beyond the range of uncertainty, then we should look at them." He stated that there are multiple instances that the model is

referred to as the Intera model. He asked that all of those instances be changed from Intera to Calleguas Municipal Water District.

Mr. Quinlan had a correction in the fourth paragraph under Item E. He stated that what he meant by the comment was, "What are called minimum thresholds for seawater intrusion in the draft GSP should be considered measurable objectives."

Mr. Morgan made a motion to approve the minutes as amended. Mr. Bondy seconded the motion. The minutes, as amended, were unanimously approved.

E. Agenda Review

There were no changes made to the agenda.

F. East Las Posas Valley Groundwater Flow Model

Chair Loeb introduced the item.

Mr. Bondy stated that Mr. O'Tousa and Dudek have provided comments on the groundwater flow model and that Mr. Foreman has requested additional information.

Mr. Bondy stated that layers two and three were changed to convertible layers, which is causing a need to recalibrate the model. He stated that they need another week or so to complete the task. The overall schedule has been pushed out a couple of weeks.

Mr. Quinlan expressed a concern about mountain front recharge. He stated that John Izbicki with the USGS said that mountain front recharge was overstated and the model has increased it.

Mr. Bondy stated that Dr. Izbicki was more focused in the West Las Posas Valley.

G. United Water Conservation District Groundwater Flow Model Update

Mr. Morgan provided an update on the UWCD groundwater flow model. He stated that the West Las Posas was pretty far along. He said that they are working with Calleguas and Intera on inter-basin fluxes.

Mr. Morgan stated that UWCD is scheduled to meet with the expert panel the third week in April with a 30-day review time.

Mr. Quinlan asked when the Calleguas model was going to be final.

Mr. Morgan stated that the range in fluxes is going down and that there is a need for consistency between the two models.

Mr. Bondy stated that the Calleguas model does not need to be finalized to move forward.

H. Sustainable Management Criteria and Future Conditions

Chair Loeb introduced the item. He stated that the intent was to work on this item to see how far we could get, to determine if ad hoc meetings are needed.

Mr. Quinlan presented slides on model Scenario F. He expressed appreciation for Jurgen Gramckow's comments at the workshop about artesian heads in wells screened across multiple aquifers.

The TAG discussed whether seawater intrusion can be managed by individual aquifer or aquifer system. The consensus was that we have to continue managing by aquifer system due to the number and location of wells screened in both the upper and lower aquifer systems.

There was a discussion about the "design drought" for future scenario modeling. Mr. Quinlan discussed a University of Arizona tree-ring study which suggested a seven or eight-year drought may be appropriate.

The TAG identified the need for Board direction on how conservative the GSPs need to be regarding simulated future drought length. Mr. Morgan suggested planning for a moderate drought, but to have a contingency for a more severe drought.

Mr. Bondy said that other sustainability indicators inland from the coast in addition to sea water intrusion need to be considered such as wells going dry in the Forebay.

There was a discussion on future land use and planning. The TAG requested that Dudek put together a white paper on future land use, planning, and water demands.

There was a discussion on concentrating on the parameters that have the most impact in the future modeling scenarios. Mr. Morgan stated that UWCD can run scenarios to determine levels of significance of the parameters now, even before they are finished with the model documentation.

Chair Loeb lead a discussion identifying the water budget parameters for the future modeling (Attachment 1).

Public Comments were heard from:

- (1) Al Sexton talked about TMDLs and salinity nutrient management updates. He said that Larry Walker & Associates is ranking projects. He requested that someone from the Agency go to their meetings that are held the second Tuesday of each month at Calleguas Municipal Water District office.
- (2) Susan Pan made additional comments regarding salt nutrient management plans and TMDLs.

Mr. Foreman said that Trevor Joseph from the Department of Water Resources (DWR) stated at the AQUA conference that they are working with the State Water Resources Control Board to develop an ordinance and to expect it out by the end of the year.

Mr. Bondy said Samuel Boland Brian is available for consultation at the State Water Resources Control Board.

I. Schedule Ad Hoc Subcommittee Meetings

The TAG agreed to defer ad hoc subcommittee meetings based on the progress made during today's meeting. Mr. Morgan talked about the need to identify project assumptions such as the Oxnard AWPf plans and that they have an impact to the model scenarios.

J. Public Comments

Public Comments were heard from:

- (1) E.J. Remson said that if drought planning is too conservative it may not show the need for projects, so that should be considered in the balance. He also said that drought scenarios presented to the FCGMA Board should be supported by the TAG. Lastly, he asked if there were any highlights to report from the GSP workshops.

Chair Loeb stated that the recordings are online and that there was no significant new information to report, but that he thought that he thought there would be more Board input at next week's workshop.

- (2) Susan Pan stated that the Moorpark Desalter project is still in the planning stage. She said that it is intended to try and help improve groundwater quality in the Las Posas Valley Basin. She also stated that there are other projects that have goals to try and maximize recycled water use.
- (3) Lynn Jensen stated that today's discussion was really good. She asked about the path and timeframe for moving these efforts forward. She also asked which meetings will be covering the model and scenario discussions. Ms. Jensen said many cities are talking about turning their retail and commercial projects into high-density residential development, which could affect future water demand.

K. TAG Member Comments

In response to Ms. Jensen's question, Chair Loeb stated that at this time there are no ad hoc subcommittee meetings scheduled, so all discussion will take place during the regular TAG meetings. He said the plan for GSP development, after the comment period ends, is that comments will be assembled, then staff will go to the Board with a summary of comments received and how they may or may not affect development of the GSPs. There should be a more accurate timeline for the modeling effort at that point. We can then lay out the Board decision points which could affect the timeline for the GSPs.

Mr. Morgan stated that there is not a lot of time left and it would be helpful at the March 9, 2018 Board workshop to have a calendar with a drop dead date and work backwards to determine when tasks and decisions need to be done to increase a sense of urgency. He also wants to know what Dudek will be presenting to the Board.

Mr. Foreman stated that he assumes that Dudek will present what is in the GSPs now. He said that Dudek needs to tell them what we still need to do.

Mr. Bondy agrees with Mr. Foreman. He stated that if Dudek presents what is in the GSPs now, it will create a lot of confusion. He said that it would be best to paint the picture of what we know, what we need to accomplish and the path on how we are going to get there.

Chair Loeb stated that he agrees with the comments made.

L. Future Agenda Items

The items suggested to be discussed at the next TAG meeting were:

- Continue current discussions, but more time allotted for the Calleguas Model update.

- Update from Dudek on precipitation scenario.

M. Adjourn TAG Meeting

Chair Loeb adjourned the TAG meeting at 12:05 p.m.