

# FOX CANYON GROUNDWATER MANAGEMENT AGENCY

A STATE OF CALIFORNIA WATER AGENCY



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## MINUTES

Minutes of the Fox Canyon Groundwater Management Agency's (FCGMA) Technical Advisory Group (TAG) meeting held **Thursday, April 6, 2017** 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 9:01 a.m. Introductions by staff and TAG members were made.

In attendance were: (1) Chair Kim Loeb, Groundwater Manager; (2) Keely Royas, FCGMA Clerk of the Board; (3) Kathleen Riedel, Groundwater Specialist; (4) Vice-Chair Tony Morgan, UWCD Representative; (5) Terry Foreman, Districts and Mutuals Representative; (6) Bryan Bondy, Agricultural Representative; (7) Curtis Hopkins, Five Cities Representative; (8) Sally Liu, TNC, Environmental Representative; (9) Dan Detmer, UWCD Alternate; (10) Peter Quinlan, Dudek; (11) Ron Schnabel, Dudek; (12) Greg Schnaar, Daniel B. Stephens & Associates (DBS&A); (13) Steve Cullen, DBS&A; (14) John Lindquist, UWCD; (15) Jason Sun, UWCD; (16) Carol Schoen, Zone Mutual Water Co.; (17) E.J. Remson, TNC; (18) Jeanette Lombardo, CWA, CFAA; (19) Lucia McGovern, City of Camarillo; (20) Lynn Jensen, VC Colab; (21) Susan Pan, VCWWD; (22) Eugene F. West, FCGMA Board Chair (Left at 9:10 a.m.)

### B. Comments from Board Chair West

Board Chair West introduced himself to the TAG and members of the public in attendance. He thanked the TAG for their time and effort that they are putting into the technical review of the GSP. He also commented that he would like to hear from the TAG members at the FCGMA meetings. He stated that quick is less of a priority as getting the GSP done right.

### C. Public Comments

No comments were made by the public.

### D. Approval of March 3, 2017 Minutes

Mr. Foreman wanted his name taken out of the sentence "Ms. Liu and Mr. Foreman commented that there may be need to address inclusion of pumping trough depressions" under Item I "Sustainability Goals."

Mr. Loeb suggested taking the sentence out, to which TAG members agreed.

Mr. Bondy had a few corrections that he would like made.

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- (1) Item C where it states "...asked to have Draft inserted to the beginning of the second sentence of item F. He wanted the tables to be referenced as draft.
- (2) Item C where it states "...and to have two statements from Item F taken out", the two statements should be stated as to specify which statements were requested removed.
- (3) Item E where it states "Mr. Bondy expressed that everyone needs to come together to characterize the issues", he felt that the statement that he made was more directed to being asked to review sections in the absence of complete characterization.
- (4) Item I, Sub Item B, where it states "Mr. Morgan commented that United 345,000..., there is a word missing. The word "showed" was added before "345,000".

Mr. Loeb commented that there was a typo under Item H where UCWD should be UWCD.

Mr. Hopkins made a motion to approve the minutes. Mr. Foreman seconded the motion with the caveat of Mr. Bondy approving the corrections. The minutes, as amended, were approved unanimously.

#### **E. Approval of March 24, 2017 Special Minutes**

Mr. Bondy commented that the minutes should include the actions items that were identified during the meeting. Mr. Foreman and Mr. Bondy suggested adding the summary that John Lindquist went through at the end of the meeting. Mr. Loeb stated that we can append the summary from United to the minutes.

Dr. Schnaar pointed out the misspelling of Farag Botros under the attendance list.

Mr. Bondy made a motion to approve the minutes with the addition of the UWCD meeting summary notes and the correction of the DBS&A staff member name. Mr. Foreman seconded the motion and the minutes, as amended, were approved unanimously.

#### **F. Agenda Review**

Mr. Bondy asked to briefly open Item L.

#### **L. (a) TAG Member Comments**

Mr. Bondy suggested, moving forward, to limit the meeting minutes to capturing action items more precisely. Mr. Foreman agreed that capturing the key points and the action items is best.

There was a consensus from the TAG to limit the minutes to the action items and key points.

#### **G. Draft GSP Chapter Review**

Mr. Schnabel stated that section 2.3 will be released before the next TAG meeting. The TAG stated that there needs to be a consensus on basin descriptions and water balance scenarios before addressing sustainability goals. Mr. Foreman requested that TAG review the GSP schedule at the next meeting.

#### **H. Groundwater Elevation Data**

The TAG's key points from the Groundwater Elevation Data discussion were:

- Be mindful of the vertical differences between wells perforated mostly in Hueneme versus those perforated in Fox Canyon, which could distort the potentiometric surface map.
- Contours should continue across basin boundaries where appropriate.

- Show faults and controlling structures on maps.
- Note on the map inferences and note in text that it may be more complex than what's shown.
- Show all of the Pleasant Valley Basin in the Upper Aquifer map, without contours where there is a lack of data.

#### **I. Water Balance Results**

The TAG discussed DBS&A's Draft Groundwater Balances and Distributed Watershed Parameter Model Report. Differences in precipitation between DBS&A and UWCD models were noted. Dr. Sun suggested that it might be due to different grid sizes, but the issue remained unresolved. In the discussion it was stated that DBS&A used the IAI Chart rather than the actual water use and Dr. Schnaar said that he planned to compare with the pumping data. Dr. Schnaar also stated that he was still working on a separate water balance for the semi-perched zone and the Arroyo Santa Rosa Basin. There was a request that the water balance table include more detail, especially the separation of native water, imported water and recycled water and also show pumping broken down between M&I and Ag.

The TAG noted that the uncertainty needs to be identified and quantified and in the text explain to the reader the importance of each. There was concern about mountain front recharge and it was suggested using Darcy's Law to constrain estimates. There was concern about the "White" areas in the Las Posas Valley shown in Figure 9 and Dr. Schnaar stated that they represent clay loams, but there was concern that it didn't account for tilling of soil and it should be re-looked at.

The TAG formed an ad hoc subcommittee comprised of Mr. Morgan, Mr. Bondy and Mr. Foreman to identify the priorities for the water balance work.

#### **J. Groundwater Basin Sustainability Objectives, Goals and Thresholds**

Due to time remaining this item was pushed to the next TAG meeting on May 4, 2017.

#### **K. Public Comments**

(1) Carol Schoen stated that in West Las Posas IAI is 30% higher than what is actually pumped. (2) Lucia McGovern stated Camarillo is installing monitoring wells in Camarillo within the next 18 months. (3) Lynn Jensen stated that she was heartened by Chair West's comments. She also said that we should be mindful on cropping uncertainty. She also wanted to make sure that the TAG is aware of the County General Plan update, specifically, the Water Resources chapter. Mr. Loeb said that he would send a link out to the TAG.

#### **L. (b) TAG Member Comments**

The TAG set a special meeting date of April 27, 2017 from 1:00 p.m. – 4:00 p.m. to have a model workshop on Pleasant Valley, at the Saticoy Operation's Yard.

Mr. Loeb announced the Las Posas "Town Hall" meeting on April 11, 2017 at Camarillo City Hall.

#### **M. Future Agenda Items and Adjourn TAG Meeting**

The TAG members agreed the following items should be included in the next TAG meeting:

- Draft GSP Development Schedule Update
- Draft GSP Chapter Review of Section 2.3
- Groundwater Elevation Data Update
- Water Balance Update
- Groundwater Sustainability Objectives

Chair Loeb adjourned the TAG meeting at 11:58 a.m.