

**TEHAMA COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT  
COORDINATED AB3030 GROUNDWATER MANAGEMENT PLAN  
TECHNICAL ADVISORY COMMITTEE MEETING OF SEPTEMBER 19, 2005**

Present: Gary Antone; Allan Fulton; Jim Lowden; Bob Steinacher; Walt Mansell; Bill Richardson; Roger Sherrill. Absent; Kevin Borrer; Steve Kimbrough. Also present: Ernie Ohlin, Water Resources Manager; Dan McManus and Bill Ehorn of DWR; John Aires and Carrie Buckman of CDM; John Van Egmond of Egmond Associates.

1. **Call to Order:** The meeting was called to order by Chairman Gary Antone at 2:06 p.m.
2. **Introductions** were completed of members and visitors.
3. **Approval of Minutes:** With spelling correction of “geyser” 3<sup>rd</sup> paragraph page 1, the minutes of August 15, 2005 will be approved at the October 17, 2005 meeting.
4. **Public Comment:**

Bill Richardson discussed proposal received from Calfed regarding a pipeline that would carry water from the Sacramento River around the Delta.

Walt Mansell visited Maine and discussed guidelines for wells, which only required an environmental document for septic systems.

Ernie Ohlin announced that on September 29, a meeting of the NSVWF will be held in Chico at the Masonic Family Center at 2:00 p.m. regarding the Lower Tuscan.

5. **Sun City Tehama - Groundwater Investigation:** Ernie Ohlin discussed information discussed at a meeting concerning the groundwater modeling. Staff felt conservative assumptions were used in multiple drought years. The model reflects their project will have minimal affect on groundwater and assumed the boundary conditions on the east and west side are a constant head boundaries. Of interest, the model showed a tremendous amount of influence from the Sacramento River by recharging from

the river itself at the 500 ft. interval.

Bill Ehorn added that with the conservative assumptions, runs are already completed with the Sacramento River and Cottonwood Creek turned off and the general head boundaries on both sides turned off also in different runs.

Ernie said the final document is not completed as yet, but the groundwater model indicates their project would pump from two wells, 1200 gpm, and run from the 500 ft. level and another at the 1000 ft. level for the golf course and non-potable water. A document will be compiled to indicate the project complies with SB610 and SB221.

Staff felt that when and if this moves forward, as part of the requirements of the County, in order to know what this model said it would do and to ground-truth it, monitoring surrounding and on this project needs to be in place with the proponent maintaining the groundwater model with updates. Ernie Ohlin will gather information and submit to this Committee for review and forward to Del Webb.

Gary Antone agreed and after reading the document, also questioned if the model was reasonable and where is it weak. The Committee needs to pinpoint items in the model and identify future problems.

Allan Fulton commented that the conservative assumptions, meaning the worst case scenarios, were presented. As Bill commented, they challenged the model in every way they could and it seemed thorough.

Dan McMannus added that if you require monitoring, one thing missing is the middle and shallow zones. The Sacramento River influence was clearly seen and still influencing the water level.

Bill Richardson discussed how the lower Tuscan influenced and recharged by the Sacramento River. Bill also asked what happens to the excess treatment plant water in the winter.

6. Shallow Groundwater Filter System: John Van Egmond introduced his filtering system and the benefits to groundwater recharging.
7. SB1938 and BMO Discussion: Carrie Buckman of CDM discussed the possible direction the

Committee would like to go on this project and reviewed BMO requirements.

The primary objective to the BMO was based on groundwater levels. During the analysis, it was discovered that there are private pumpers within Districts, Districts relying on CVP water, and many surface water importers in our County affecting our groundwater levels. That is stream diversion. Through the analysis, the drought scenario for stream diversion affects the County more than CVP cutbacks.

Roger Sherrill added that the BMO's are a work in progress and you see if the gathered information is accurate.

Gary Antone remarked that proceeding to a standard format and begin to clarify what the guidelines are is a beginning.

Bill Richardson asked that comparisons of spring levels to summer levels be considered in the document. We need to know if pumping more water in summer ( in which spring levels return to full) if we continue pumping in summer, we are moving toward overdraft or pumping more water than is coming in. This would give an alert that the spring levels are not coming back.

Carrie Buckman added that a combination of landuse versus political boundaries would be of benefit to the document. There are areas that do not fall into any categories. Corning is also a problem area that needs a decision.

Ernie Ohlin felt that with the new and proposed residential demand coming, baseline information needs to be established, set up parameters of trigger levels for the surrounding affects in the County. When permitted projects come into the County or a transfer, you have the ability to set trigger levels or BMO's and turn the project on or off. You have conditioned and permitted the project. The rest is awareness for property owners and what is happening around them.

8. Tehama County General Plan Amendment: Roger Sherrill presented correspondence sent to the Planning Department emphasizing the importance of integrating the planned landuse revisions to the County's General Plan Amendment with the existing Groundwater Management Plan. Information

needed to be updated.

Ernie added that Public Works GIS person can also provide information.

9. Next Meeting date October 17, 2005
10. With no further business, the meeting adjourned at 3:56 p.m.

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