

FOX CANYON GROUNDWATER MANAGEMENT AGENCY

A STATE OF CALIFORNIA WATER AGENCY



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FCGMA TECHNICAL ADVISORY GROUP (TAG)

MEETING MINUTES

August 25, 2009

A meeting of the Fox Canyon Groundwater Management Agency (FCGMA) **Technical Advisory Group (TAG)** was held at 10:00 A.M. on Tuesday, August 25, 2009 in Conference Room 263 at the Ventura County Government Center, Hall of Administration Bldg. at 800 South Victoria Avenue, Ventura, California.

- A. **Call to Order** – Gerhardt Hubner, Deputy Director, Watershed Protection District called the meeting to order at 10:05 A.M. (14 people present).
- B. **Public Comments** – None.
- C. **Attending Board Member Comments** – None (Director Kelley was in attendance).
- D. **Approval of Minutes** – The June 8, 2009 TAG minutes were approved without comment.
- E. **Summary from last SAG Meeting** – FCGMA Staff Geologist David Panaro reported only the topics discussed at the last SAG meeting. Acting Chair Hubner expanded on some of those topics by replying to a query regarding the expected qualifications and intent of today's participants. He explained that since the agenda issues were rather technical in nature that people with experience in geology and other related disciplines were the preferred input sources, but that did not preclude participation or comments from anyone else present.
- F. **Establishment of Basin Boundaries** – UWCD Associate Hydrogeologist Bryan Bondy led a group discussion regarding groundwater basin boundaries within the FCGMA.

The group first discussed whether or not the boundaries that are up for discussion are basins or sub-basins. Although it may be more accurate to call the areas sub-basins (because groundwater flows between some of the areas), the group generally agreed to stick with the term "basins" in an effort to remain consistent with the terminology used in AB-2995 and FCGMA Ordinance No. 8.1.

The group developed a list of criteria that may be used to establish groundwater basin boundaries. These include: (1) Extent of unconsolidated alluvial sediments (the apparent DWR Bulletin No. 118 approach); (2) Geologic structures that control groundwater occurrence and movement; (3) Contacts with low permeability units; (4) Facies changes; (5) Topographic features; and (6) Groundwater divides. The concept of using surface water drainage divides as a criterion was also discussed. This option was omitted because the primary concern for groundwater basins is groundwater occurrence and movement. Furthermore, management areas (such as the GMA

800 South Victoria Avenue, Ventura, CA 93009-1610
(805) 654-2327 or 645-1372 FAX: (805) 654-3350 or 677-8762
Website: www.fcgma.org or www.foxcanyonma.org

Expansion Area) could be established to manage the drainages areas that contribute recharge to the groundwater basins. The group agreed to move forward with the above list of criteria and re-visit the list as necessary.

The group also discussed options for communicating the relative uncertainty of the basin boundaries, including the use of solid versus dashed lines and/or the use of buffers instead of lines.

The remainder of the session focused on individual basin boundary segments. For each boundary segment, Mr. Bondy compared and contrasted the criteria used by Turner (1975) (as subsequently modified by Ventura County staff) and the USGS (2003) (as subsequently modified by UWCD staff). For each boundary segment, the group agreed to use the Turner/County or the USGS/UWCD delineation, or to conduct further evaluation. The group reviewed 9 of the 18 boundary segments. The results of the discussions are summarized in the table below.

Table 1
Preliminary Review Results - Basin Boundary Segments

Basin Division Number	Basin Boundary Segment	Turner/ County	USGS/ UWCD	Further Evaluation Needed	Comments or Preliminary Recommendations
1	West LP/ Oxnard Plain			X	Use USGS/UWCD version, but consider tying boundary into the intersection of the Wright Road Fault and the Springville Fault.
2	West LP/ East LP			X	Use USGS/UWCD version, but review geologic cross-sections being developed by the County to further evaluate location of the boundary fault.
3	Northern Extent of West & East LP Basins	X			Extend to GMA boundary
4	Eastern Extent of East LP	X			Extend to GMA boundary
5	West LP / PV (Cam. Hills)			X	Preliminary agreement on use of the Springville Fault as the boundary. Pending review of available groundwater level and quality data.
6	East LP / PV			X	Same as above
7	East LP / South LP			X	Preliminary agreement to use Turner's version, but pending explanation from USGS on the technical basis for their version.
8	South LP / ASR (LP Hills)	X			Extend to GMA boundary
9	ASR / PV			X	Review water level data from Wood Creek well in conjunction with Hopkins's Pleasant Valley Report.

- G. Set next TAG Meeting Agenda and Adjourn** – The next TAG meeting date is scheduled for Monday, September 14, 2009 from **9:45 to 11:45 A.M. in the Pacific Conference Room** (Hall of Justice Building). The group will continue its preliminary review of the remaining nine basin boundary segments and will prioritize the segments that require further evaluation.

The meeting was adjourned at 12:05 P.M.