



MINUTES

Meeting of the

Technical Advisory Committee

Friday, April 6, 2018 at 10:00 a.m. at the office of
Provost & Pritchard Consulting Group
130 N. Garden Street, Visalia, CA 93291

Meeting Attendees:

Tim Gobler – Wutchumna WC (Chair)
Mike Hagman – Lindmore ID
Craig Wallace – Lindsay-Strathmore ID
Tom Weddle – Exeter and Ivanhoe ID
Dale West – Stone Corral ID
Mike Camarena – City of Lindsay
Matt Klinchuch – EKGSA Technical Consultant (Vice Chair)
Aaron Bock – County of Tulare
Joan Fisher – Landowner
Joe Ferrara – Stakeholder
Larry Dotson – Kaweah Delta Water Conservation District
Ron Reinard – Stakeholder
Doug Reinard - Stakeholder

Members Absent

County of Tulare (Landowner)
EKGSA At Large
Sentinel Butte MWC

1. **Call to Order** – Committee Chair Gobler called the meeting to order at 10:35 a.m. There was a delay in the start so that many of the Committee Members, who are also Friant Contractors, could listen in on a call with the Bureau of Reclamation regarding potential releases from Millerton Lake.
2. **Self-Introductions** - The members in attendance gave a brief self-introduction.
3. **Public Comment**— Public comment was provided by Ron Reinard. Provided background from Arizona and a similar process.
4. **Committee Administration**
 - a. Review and Approve Meeting Minutes from March 2, 2018 Meeting – A motion was made by Committee Member Hagman and seconded by Committee Member Bock to approve the minutes from the March 2nd meeting. The motion passes. Camarena and Weddle abstain.



5. Committee Business

- a. Status Report on Kaweah Subbasin Efforts to date – Committee Member Hagman and Vice-Chair Klinchuch updated the group on Subbasin level efforts since the last EKGSA TAC meeting.**
 - i. Management Team – The Management team had not met since the previous meeting. The next meeting was still tentatively set for mid-April.**
 - ii. Sub-Basin TAC (Water Accounting Framework) – The first Subbasin TAC was held immediately after the previous EKGSA TAC meeting. A number of items were discussed including the SkyTEM and Davids ET proposals. In general, the proposals were well received. The Subbasin TAC also discussed which hydrologic period to use and there was general consensus to go to the 1981 – 2017 period. The EKGSA TAC members didn't have much concern going back to 1981 as most felt the data was available. There was then brief discussion on what data was still needed. Committee Member Bock shared that the land use information from the County was still a couple months out, but some Ag data could be available shortly.**

- b. Preliminary discussion on potential market basis – Committee Member Hagman opened the discussion that everyone should still be thinking of ideas or concerns with a market basis. He mentioned the Subbasin is not yet at the level to decide to develop a market or not but given the time frame it should still be discussed. Hagman then asked if audience member Ron Reinard would share his experience with the groundwater law in Arizona. Mr. Reinard shared how Arizona's program started in 1980 with the goal of reaching sustainable yield by 2025. Mr. Reinard shared that usage started based off cropped area and 65% irrigation efficiency to establish a right and that every 10 years the efficiency is raised (70%, 75%, etc.) which effectively reduces the water right and overall groundwater consumption. Cities must replenish all water pumped with surface water and must prove a 100-year supply. Farming cannot farm land that hadn't been farmed after 1979. The discussion provided good insight to the members present and they thanked Mr. Reinard for sharing his Arizona experience.**

- c. Preliminary Discussion on "natural" basin supply and allocation/appropriation of supply (Assistance of ET data and satellite imagery) – Committee Member Hagman let discussion on a number of items.**
 - i. The first item was related to GEI's technical memo regarding options to account for seepage. The main question is "Who owns the seepage losses?" The answer is likely going to be very political, but Committee Member Bock recommended we develop a technical basis to recommend to the legal and policy makers. The discussion then opened up to whether the Committee thought there were any other options beyond the four**



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options shown in the GEI memo. There was general consensus from the group that these covered the basics, but there needs to be some consideration on what water is paid for and what agreements there are for water, if any.

- ii. The next item discussed was with regards to ET data. Committee Member Wallace shared information from studies done in another district with satellite imagery and ET sensors. These studies were able to go to a field level, which the previous Davids Engineering study of the Water Resource Investigation did not. The field level added statistical uncertainty. More discussion may be had on field-specific information as we to implementation beyond 2020. It could be an alternative to putting meters on wells. Committee Chair Gobler shared that his company evaluated ITRC data in Kern Basin. They reviewed surface water deliveries versus ET for their west side properties and overall the ITRC matched pretty well over the long term, in the order of 90%. Gobler said they found that age of crop may be biggest factor in the difference.

- d. Potential Projects – Vice Chair Klinchuch reminded the group to pass along any project ideas that could be analyzed to a feasibility level for the GSP. Ideas related to recharging beneath tree root zones were discussed.

6. New/Other Business— No other business was discussed.

7. Announcements

- a. Next Meeting: May 4, 2018 at 10:00 a.m.

8. Adjournment – Chair Gobler adjourned the meeting at 12:25 p.m.

Respectfully submitted,



Matt Klinchuch, Secretary
East Kaweah GSA Technical Advisory Committee