



AGENDA

Meeting of the

Technical Advisory Committee

**Friday, January 12, 2018 at 3:30 p.m. at the office of
Provost & Pritchard Consulting Group
130 N. Garden Street, Visalia, CA 93291**

Meeting Attendees

Mike Camarena – City of Lindsay
Tom Weddle – Exeter and Ivanhoe ID
Mike Hagman – Lindmore ID
Craig Wallace – Lindsay-Strathmore ID
Paul Buldo – Sentinel Butte MWC
Dale West – Stone Corral ID
Matt Klinchuch – EKGSA Technical Consultant (Vice Chair)
Paul Hendrix – Mid-Kaweah GSA
Karen Yohannes – Landowner
Don Wright – Water Wrights
Kari Daniska – Peltzer & Richardson
Joel Reyes – California Citrus Mutual

Members Absent

County of Tulare
County of Tulare (Landowner)
EKGSA At Large
Wutchumna WC (Vacant)

- 1. Call to Order** – Committee Vice Chair Klinchuch called the meeting to order at 3:40 p.m.
- 2. Self-Introductions** – The members in attendance gave a brief self-introduction.
- 3. Public Comment**— One public comment was given during this period.
 - a. Don Wright – Thanked folks for reading his reports and informed every one of the move to the website basis for his reports.
- 4. Committee Administration**
 - a. Review and Approve Meeting Minutes from November 16, 2017 Meeting – A motion was made by Committee Member West and seconded by Committee Member Buldo to approve the minutes for the November 16th meeting. The motion passed unanimously.
 - b. Update on Committee Membership – Vice Chair Klinchuch provided an update on the current membership of the Technical Advisory Committee. He shared that Tim Gobler would likely be the new chair, pending approval from the Board.



- c. Meeting date and time – Vice Chair Klinchuch and Committee Member Hagman informed the group that the Friant Water Authority has added additional meetings in the mornings on the second Friday of the month, which creates a conflict for many of the members of the EKGSA Technical Advisory Committee. The group discussed potential options for dates and times. The decision was to try and keep the second Friday of the month but move to 2:00 p.m. Vice Chair Klinchuch was tasked with sending a Doodle Poll to the committee members to check their availability for the new proposed time.

5. Committee Business

- a. Update on EKGSA Technical Efforts – Vice Chair Klinchuch provided an update on the current technical efforts being undertaken. He shared a preliminary figure of depth-to-water contours for the EKGSA boundary for Spring 2015. The data still needed further processing but indicated that there are data gaps a number of areas. During discussion, it was noted that the PG&E pump efficiency testing program may be an option to learn more about the aquifer. Vice Chair Klinchuch was to look into this program further.
- b. Status Report on Kaweah Subbasin Efforts to date – Vice Chair Klinchuch shared that neither the Sub-Basin Management Team or TAC groups had met yet. However, there was poll going around amongst Management Team Members to try and set a meeting date by the end of January.
- c. Coordination/Data Sharing with Kaweah Sub-Basin TAC – Vice Chair Klinchuch stated that since the Sub-Basin Management and TAC groups have not met there is not much to report for this item. He did share that he had an introductory meeting with Tim Nicely (GSI) and Chris Peterson (GEI). The purpose of the meeting was to introduce the team and discuss options for collaborating in the future. There will likely be monthly meetings of the three going forward.

6. New/Other Business—

- a. Committee Member and EKGSA Executive Director Mike Hagman updated those in attendance on a number of items:
 - i. The EKGSA Advisory Committee has an upcoming meeting (Jan. 17th) that will be focused on two items. The first would be for the Advisory Committee to make a recommendation to the Board for approval on the Communication Education & Outreach Plan. The second item was that EKGSA Legal Counsel is going to provide an opinion on correlative right to groundwater.



- ii. Hagman reminded those in attendance that the next EKGSA Board Meeting will be on January 22nd at 3:00 p.m. at the Lindsay Wellness Center.
- iii. Hagman informed the group that Lindmore ID hired Kathy Bennett to provide support for EKGSA needs
- iv. Finally, Hagman informed the group that there is potential for the Wellness Center to become unavailable for EKGSA meetings and that staff will look to other options for meeting spaces in the future.

7. Announcements

- a. Next Meeting: The next meeting was tentatively scheduled for Feb. 9th at 2:00 p.m. pending results from a Doodle Poll.

8. Adjournment – Vice Chair Klinchuch adjourned the meeting at 4:30 p.m.

Respectfully submitted,

Matt Klinchuch, Secretary
East Kaweah GSA Technical Advisory Committee



MINUTES

Meeting of the

Technical Advisory Committee

**Friday, February 9, 2018 at 2:00 p.m. at the office of
Provost & Pritchard Consulting Group
130 N. Garden Street, Visalia, CA 93291**

Meeting Attendees:

Tim Gobler – Wutchumna WC (Chair)
Mike Camarena – City of Lindsay
Tom Weddle – Exeter and Ivanhoe ID
Mike Hagman – Lindmore ID
Calvin Monreal – Lindmore ID
Craig Wallace – Lindsay-Strathmore ID
Dale West – Stone Corral ID
Matt Klinchuch – EKGSA Technical Consultant (Vice Chair)
Tim Bailey – County of Tulare
Karen Yohannes – Landowner
Joan Fisher – Landowner
Joe Ferrara – Stakeholder
Tim Allen – Landowner
Dennis Mills – GKGSA
John Yohannes - Landowner

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 2:05 p.m.
- 2. Self-Introductions** – The members in attendance gave a brief self-introduction.
- 3. Public Comment**— One public comment was given during this period.
 - a. Mike Hagman, as EKGSA Executive Director, stated that information from this group will be disseminated through Kathy Bennett going forward.
- 4. Committee Administration**
 - a. Review and Approve Meeting Minutes from January 12, 2018 Meeting – A motion was made by Committee Member Hagman and seconded by Committee Member West to approve the minutes for the January 12th meeting. The motion passed unanimously.



- b. Meeting date and time – Re-evaluate current meeting time. The Committee discussed alternative meeting dates and times to accommodate schedules of the members of the Committee. The recommendation was to move the meeting to the first Friday of the month at 10:00 a.m. remaining at the Visalia office Provost & Pritchard Consulting for the time being. A motion was made by Committee Member Hagman and seconded by Committee Member Weddle to approve this change. The motion passed unanimously.

5. Committee Business

- a. Status Report on Kaweah Subbasin efforts to date – Vice Chair Klinchuch shared with the group that DWR had recently released their preliminary recommendation for grant awards and the Kaweah Subbasin was recommended for the full \$1.5 Million requested for Subbasin coordination and GSP development. Vice Chair Klinchuch then provided an update on the Kaweah Subbasin efforts, which included one meeting of the Management Team. The Subbasin Technical Advisory Committee had not been scheduled. The first Management Team meeting primarily involved the normal meeting administration for setting meeting dates and time. The GEI/GSI team gave an update on roles and the requirements of SGMA. There was also a brief presentation on the SkyTEM technology and potential pilot project for the Kaweah Subbasin.
- b. Evaluate Potential of Danish Technology (SkyTEM) – Chair Gobler, Committee Member Hagman, and Vice Chair Klinchuch discussed a potential technology that could be used in the Kaweah Subbasin to better understand the geology and hydrogeology of the Subbasin. They discussed what data would come from the effort and how and when it would help the Subbasin, if pursued. In general, it is believed the information would bolster the knowledge of the Subbasin and potentially help fill some data gaps. There is a potential proposal to use this technology for a pilot study of the Kaweah Subbasin with some cost share provided by the State. The discussion then turned to whether the TAC recommends the EKGSA Board support this proposal and provide some funding. A motion was made by Committee Member Weddle and seconded by Committee Member West to recommend the EKGSA Board pursue the pilot study, pending funding from the State and other Kaweah GSAs. The motion passed unanimously.
- c. Preliminary Discussion on “natural” basin supply and allocation/appropriation of supply – The Committee began a preliminary discussion on a number projects related to the natural Kaweah Subbasin supply and potential ideas for allocating or appropriating this supply.

- i. The first part of the discussion dealt with the need to start identifying what information is needed to develop the natural supply. The variables, 'ins' and 'outs,' for the supply are needed and then further review will be needed on what is allocable to everyone versus specific users. There was mention that this should include reviewing soils and groundwater flows to know what capacity there is in certain areas. Some attendees present that were familiar with the Tule Subbasin suggested looking into the analysis done in that Subbasin, as they did a similar effort and it could provide some tips.
- ii. Following discussion of how to develop the natural basin supply, the Committee then began to discuss preliminary thoughts on how to allocate this supply. The general opinion is that this allocation should be close to an adjudication to try and prevent legal battles that would end in an adjudication. The general goal would be to balance the Policy with the Science and Legal basis. Discussion then turned to whether this would create a market like the Australian and Danish examples. Near the end, Committee Member Hagman directed the TAC Members to think of possible ideas and development of an approach for future discussions.
- iii. The discussion wrapped up a brief discussion on looking long-term. Projects and management actions will need to be developed as part of the GSP process. Tim Bailey shared with the group that in looking long-term, there are climate models being developed looking at the Sierra Snow Pack and Forestry. The County is looking into these efforts as part of their EIR as modeling suggests there will be less snow and more rain in the future. Mr. Bailey also mentioned there is a study of the Kaweah Watershed by John Kirk at DWR that may provide useful information.

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

7. Announcements

- a. **Next Meeting:** The next meeting was set for March 2, 2018 at 1:00 p.m. due to some conflicts for the March date only. A motion was made by Committee Member Hagman and seconded by Committee Member West to approve the meeting date and time. The motion passed unanimously.

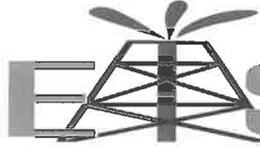
8. Adjournment – Chair Gobler adjourned the meeting at 4:00 p.m.

Respectfully submitted,



Matt Klinchuch, Secretary

East Kaweah GSA Technical Advisory Committee



EAST KAWEAH

GROUNDWATER SUSTAINABILITY AGENCY

MINUTES

Meeting of the

Technical Advisory Committee

Friday, March 2, 2018 at 1:00 p.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
Calvin Monreal – Lindmore ID
Craig Wallace – Lindsay-Strathmore ID
Dale West – Stone Corral ID
Matt Klinchuch – EKGSA Technical Consultant (Vice Chair)
Aaron Bock – County of Tulare
Tim Bailey – County of Tulare
Karen Yohannes – Landowner
Joan Fisher – Landowner
Joe Ferrara – Stakeholder
Dennis Mills – Greater Kaweah GSA
Paul Hendrix – Mid-Kaweah GSA
Larry Dotson – Kaweah Delta Water Conservation District
Kari Daniska – Peltzer & Richardson
Trevor Sherman – Department of Water Resources
Mike Brownfield - Landowner

Members Absent

City of Lindsay
Ivanhoe ID
Exeter ID
County of Tulare (Landowner)
EKGSA At Large
Sentinel Butte MWC

1. **Call to Order** – Committee Chair Gobler called the meeting to order at 1:00 p.m.
2. **Self-Introductions** – The members in attendance gave a brief self-introduction.
3. **Public Comment**— No public comments were provided during this period
4. **Committee Administration**
 - a. Review and Approve Meeting Minutes from February 9, 2018 Meeting – A motion was made by Committee Member Hagman and seconded by Committee Member West to approve the minutes from the February 9th meeting. The motion passed unanimously.

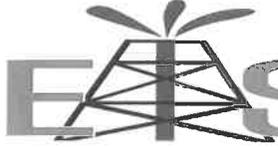


5. Committee Business

- a. Status Report on Kaweah Subbasin Efforts to date – Committee Member Hagman updated the group on the status of the Management Team and Subbasin TAC. The first item of information was to clarify the EKGSA members of the Management Team (Hagman, Weddle, and Peltzer) and Subbasin TAC (Hagman and Klinchuch).**
 - i. Management Team – Committee Member Hagman updated the group on the status of the Management Team to date. There had been one meeting in January and the February meeting was cancelled. At the January meeting the Management Team covered administrative items, a potential pilot study proposal to utilize SkyTEM technology, and preliminary discussion on how an allocation would work in the Subbasin. There was general agreement to pursue the SkyTEM technology. The discussion towards allocation was tabled for future discussions, but there was agreement that it would need to blend policy, legal, and technical components.**
 - ii. Subbasin TAC – There was no information to report as the first meeting of the Subbasin TAC was to follow the EKGSA TAC meeting.**

- b. Update on Danish Technology (SkyTEM) – The Committee revisited the SkyTEM technology with review of PowerPoint Slides developed by GEI on what the product would be from this effort. Some updated information was available on the cost-share for the study and it currently sits at the Subbasin needing to provide approximately \$180,000. The EKGSA TAC did not discuss how the cost would potentially be split. Committee Member Bock asked the group what percent improvement we could expect for these dollars and would the results be challenged by others? Member of the Committee and public offered that it would likely help in areas where wells generally are not very deep and that results from the previous Tulare Irrigation District were positive. Chair Gobler thought it may be helpful for landowners in the future when they are looking to drill a new well. The TAC continued to recommend pursuing, pending EKGSA Board approval. A motion continuing this recommendation was made by Committee Member Hagman and seconded by Committee Member Bock. The motion passed unanimously.**

- c. Preliminary discussion on potential market basis – The Committee next reviewed a handout from Wheeler Water Institute that listed items/questions to consider prior to developing a groundwater market. The purpose of sharing was to get the Committee and members of the public thinking about this potential option under SGMA, not promoting going to a market. The ensuing discussion covered whether water should be allowed to move around the Subbasin or allowing**



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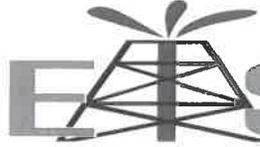
water to move outside the basin. Additional questions related to how it would work with different management areas, how it a market relates to surface water and groundwater, and what are the alternatives of not doing a market? There was preliminary consensus that the decision will have social and political implications more than technical, but the technical part was needed to understand where groundwater is located and how it moves from one place to another underground. The Committee and public were tasked with reviewing the handout and thinking on it more for future discussions.

- d. Preliminary Discussion on “natural” basin supply and allocation/appropriation of supply – The Committee next discussed “natural” Kaweah Subbasin supply and how the supply would then be allocated. There is an example set in the Tule Subbasin and that there should be review of what was considered ‘natural’ supplies for their analysis. The discussion then went into how water is allocated and reviewed the memo developed by GEI that discussed four potential options. Most of the discussion revolved around how to account for seepage in earthen channels. There were many questions on determining who gets credit for water in certain sections of a channel or specific types of channels (natural versus man-made) and what are the legal components to such a decision. More discussion is to come on this item. More work was to come to see what natural water ways are in the Kaweah and what data is available on this water ways. Cottonwood Creek is one water body in particular to be evaluated.
- e. Potential Projects – Vice Chair Klinchuch shared that it was not too early to start talking about potential projects the East Kaweah (and Subbasin) could start analyzing to a feasibility level for the GSP. The general thought is that more recharge capacity or expanded distribution systems would help the GSA, especially in wet years. Vice Chair Klinchuch stated that now project should be off the list at this point and that all members should pass on ideas to him to keep a running list. Ideas that were mentioned during discussion were “micro” basins that Lindmore ID is considering, better utilizing flood waters from the Friant system, and looking into an old JPA amongst the districts that considered a large basin system in the past. Dennis Mills recommended that the group look large than the GSA to possibly consider Subbasin-size projects such as banking projects, either through participating in one or developing one.

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

7. Announcements

- a. Next Meeting: April 6, 2018 at 10:00 a.m.



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8. **Adjournment** – Chair Gobler adjourned the meeting at 2:25 p.m.

Respectfully submitted,



Matt Klinchuch, Secretary
East Kaweah GSA Technical Advisory Committee



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



MINUTES

Meeting of the

Technical Advisory Committee

Friday, May 4, 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 IDs
Dale West – Stone Corral ID
Aaron Bock – County of Tulare
Matt Klinchuch – EKGSA Technical Consultant (Vice Chair)
Tim Bailey – County of Tulare
Karen Yohannes – Landowner

Members Absent

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

1. **Call to Order** – Committee Chair Gobler called the meeting to order at 10:10 a.m.
2. **Self-Introductions** – The members in attendance gave a brief self-introduction.
3. **Public Comment**— Public comment was provided by one member. Karen Yohannes (Stakeholder) wanted to make sure we discussed the various water accounting categories, or ‘buckets’ of water, during the meeting. Chair Gobler replied that it would be one of our discussion points during Agenda Item 5.
4. **Committee Administration**
 - a. Review and Approve Meeting Minutes from April 6, 2018 Meeting – A change to correct the title from ‘Agenda’ to ‘Minutes’ was needed. With the change, a motion was made by Committee Member West and seconded by Committee Member Hagman to approve the minutes from the April 6th meeting. The motion passed unanimously.
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 previous EKGSA TAC meeting.

- i. Management Team – Committee Member Hagman provide a quick review of the April 18 Management Team meeting. Part of the discussion at the meeting was updates on various efforts such as SkyTEM and coordination amongst the GSAs. Much of the discussion at the Management Team meeting centered around the water supply accounting.

The EKGSA TAC then began discussing their various thoughts on the water accounting framework. Ms. Yohannes wanted the group to make sure the EKGSA has all of its ‘buckets’ on the list for not only the GSA but the Subbasin. Committee Member Hagman agreed with this approach. He also mentioned legal counsel for each of the three GSAs were working together to provide their opinions and will provide updates to the GSA Board’s and Subbasin Management Team. Committee Member Bock then suggested that the EKGSA TAC focus on the technical side for buckets and magnitude before going to the legal side. He also mentioned that we should be cautious on terminology as some terms, like salvage water, have a legal component. The TAC then tasked Klinchuch and his staff to develop a list of the buckets to be discussed at the next meeting. The goal would be to develop a recommendation to take to the EKGSA Board and Subbasin Level meetings. Near the end of the discussion Ms. Yohannes asked how it would accounting work for folks who own land in the river but don’t have a water right. Committee Member Hagman shared that he thought that one of the GEI options of ‘natural channel losses go to the Subbasin’ would cover this concern.
 - ii. Sub-Basin TAC – Vice Chair Klinchuch provided a quick update on the Subbasin TAC activities since the previous EKGSA TAC. There had been two discussions since the last meeting. Highlights from the two discussions included: the SkyTEM proposal was continuing to move forward, a Data Management System (DMS) was beginning to come together and may be available for use soon, and GEI introduced their Groundwater Modeling Task Order to get the modeling effort started.
- b. Update on Data Gathering and Next Steps – Vice Chair Klinchuch shared with the group that there have been discussions with the GEI team regarding data sharing for the entire Subbasin. Vice Chair Klinchuch discussed that data was still being gathered and compiled for the EKGSA. The goal was to have more data available to discuss and share at the upcoming TAC meeting.
- c. Potential Projects – Vice Chair Klinchuch reminded the group to continue thinking of project options for evaluation in the GSP. Current projects to discuss are recharge basins, “micro” basins, and improved district surface water



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GROUNDWATER SUSTAINABILITY AGENCY

conveyance facilities. There are also potential Subbasin-level projects to consider like groundwater banks.

6. **New/Other Business**— No other business was discussed.
7. **Announcements**
 - a. Next Meeting: June 1, 2018 at 10:00 a.m.
8. **Adjournment** – Chair Gobler adjourned the meeting at 11:37 a.m.

Respectfully submitted,



Matt Klinchuch, Secretary
East Kaweah GSA Technical Advisory Committee



MINUTES

Meeting of the

Technical Advisory Committee

**Thursday, May 31, 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 IDs
Aaron Bock – County of Tulare
Mike Camarena – City of Lindsay
Matt Klinchuch – EKGSA Technical Consultant (Vice Chair)
Ravi Patel – EKGSA Legal Counsel
Mark Larsen – Greater Kaweah GSA
Paul Hendrix – Mid Kaweah GSA
Joe Ferrara – Stakeholder
Dan Dreyer – Stakeholder
Karen Yohannes – Stakeholder
Joan Fischer – Stakeholder
Tim Bailey – Tulare County
Don Wright – Water Wrights
Alex Peltzer – Attorney

Members Absent:

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

- 1. Call to Order** – Committee Chair Gobler called the meeting to order at 10:00 a.m.
- 2. Self-Introductions** – The members in attendance gave a brief self-introduction.
- 3. Public Comment** — Public comment was provided by two members of the public, Karen Yohannes and Alex Peltzer. Ms. Yohannes wanted to share with everyone that the State Water Resources Control Board was reviewing and discussing CV-SALTS on May 31st and June 1st which will added to more regulation and potential implications to the SGMA process. Mr. Peltzer introduced the thought of a potential 'Rock-Well Exemption' process or policy for landowners that can document their wells are in rock aquifers and not subject to SGMA. More information is to come on this topic.



4. Committee Administration

- a. Review and Approve Meeting Minutes from May 4, 2018 Meeting – a motion was made by Committee Member Hagman and seconded by Committee Member Wallace to approve the minutes from the May 4th meeting. The motion passes unanimously.

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 previous EKGSA TAC meeting.
 - i. Management Team – Committee Member Hagman provided a review of the May 16 Management Team Meeting. The primary components discussed were the recommendation to remove the Subbasin TAC as a public meeting and the development of a central website for the Kaweah Subbasin. The rationale for eliminating the Subbasin TAC is to lessen the number of meetings within the Kaweah Subbasin and to allow more technical discussions amongst staff occur before taking information to the public. This takes a change to the MOU amongst the three Subbasin GSAs, which requires GSA Board approval. The EKGSA TAC did not have any concerns for the removal of this meeting. The reason for a central website for the Subbasin was to reduce the number of notices going out to stakeholders and also provide a central hub for a meeting calendar and contact lists. Tulare County has funds through a Distressed Counties Grant available to cover the GEI budget for development (\$17,000).
 - ii. Sub-Basin TAC – Vice Chair Klinchuch provided a quick update on Subbasin Technical activities. There had not been a meeting since the previous EKGSA TAC meeting. An update was provided on the SkyTEM flight lines. New lines had been developed and were shared with the Committee. The Committee suggested that an additional flight line in the southeastern portion of the Subbasin be added to analyze the hydrogeology as it goes into the Frazier Creek Valley. Klinchuch also updated that the GSP Grant was working through its process towards contracting with the State. Once a contract is in place reimbursement to the GSAs can be requested.
- b. Legal Presentation – EKGSA Counsel – Ravi Patel presented to the group a draft flowchart for accounting for seepage losses. The presentation introduced question to work through deciding if water is native, non-native, or other supply. The preliminary draft was based upon previous case studies for water law. The Committee and members of the Public discussed on the various points presented.



EAST KAWEAH

GROUNDWATER SUSTAINABILITY AGENCY

- c. Update on Data Gathering and Next Steps – Vice Chair Klinchuch provided an update on the status of the data gathering for the EKGSA and entire Kaweah Subbasin. Klinchuch shared that discussions with GEI for data sharing are ongoing in an effort to compile data for discussion at the various GSA Board and Technical meetings. The goal is to have more data to discuss at the next TAC meeting. Additionally, Klinchuch shared that portions of chapters of the GSP are being developed that can be developed. These are also looking to be shared at meetings in the near future.
 - d. Potential Projects – Vice Chair Klinchuch reminded the group to continue thinking of project options for evaluation in the GSP, and to submit them to Klinchuch or his staff. Current projects to discuss are recharge basins, “micro” basins, and improved district surface water conveyance facilities. There are also Subbasin-level projects to consider, such as groundwater banks.
- 6. New/Other Business** — Two items were discussed to be added to future meeting agendas. The two items were: 1) providing a schedule for GSP timeline for each meeting going forward, and 2) the potential Rock-Well Exemption process/policy.
- 7. Announcements**
- a. Next Meeting: July 6, 2018 at 10:00 a.m.
- 8. Adjournment** – Chair Gobler adjourned the meeting at 12:10 p.m.

Respectfully submitted,



Matt Klinchuch, Secretary
East Kaweah GSA Technical Advisory Committee



MINUTES

Meeting of the

Technical Advisory Committee

Friday, July 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
Calvin Monreal – Lindmore ID
Craig Wallace – Lindsay-Strathmore ID
Tom Weddle – Exeter and Ivanhoe IDs
Dale West – Stone Corral ID
Neyba Amezcua – City of Lindsay
Matt Klinchuch – EKGSA Technical Consultant (Vice Chair)
Mark Larsen – Greater Kaweah GSA
Paul Hendrix – Mid Kaweah GSA
Joe Ferrara – Stakeholder
David Roberts – Stone Corral ID
John Yohannes – Stakeholder
Lee Waddle – BWC
Alex Peltzer – Peltzer & Richardson
Natalie Griswold – Peltzer & Richardson
Michelle Ricker – GEI
Tim Nicely – GSI (by phone)

Members Absent:

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

1. **Call to Order** – Committee Chair Gobler called the meeting to order at 10:00 a.m.
2. **Self-Introductions** – The members in attendance gave a brief self-introduction.
3. **Public Comment** – No public comment was provided.
4. **Committee Administration**
 - a. **Review and Approve Meeting Minutes from May 31, 2018 Meeting** – A motion was made by Committee Member Hagman and seconded by Committee Member Wallace to approve the minutes from the May 31st meeting. The motion passed unanimously.



5. Committee Business

- a. Status Report on Kaweah Subbasin Efforts to date – Committee Member Hagman updated the group on the Subbasin level efforts since the previous meeting.**
 - i. Management Team – The June Management Team meeting was cancelled. He shared that information is being developed but wasn't ready for the meeting. The next meeting is scheduled for July 18th but may be cancelled.**
 - ii. Sub-Basin Technical Efforts – The Subbasin TAC is no longer a committee for the MOU. The GSAs will rely on their individual TAC for review and direction. Water Budget data is still being developed at the Subbasin level.**

- b. Legal Presentation – EKGSA Counsel – No legal presentation was made by EKGSA Counsel at the meeting.**

- c. Evaluate and Recommend to EKGSA Board on Hardrock Well Exemption Proposal – Alex Peltzer presented more information regarding a proposal for a Hardrock Well Exemption policy. Mr. Peltzer shared the intent of the policy and the process for approvals. The primary concerns from the Committee where: 1) where does the water go if it was not pumped? Would it make it into the Subbasin alluvium? 2) The water should be metered to understand quantity being pumped. 3) How many landowners would look to be part of this exemption? Through the discussions it was learned that the DWR has informational materials on “hard rock” wells and considers them different than alluvial wells. The Committee opted to not make a recommendation to the EKGSA Board at this time and have more information presented at a future meeting, including the DWR information, a report or discussion from a geologist/hydrogeologist on the interaction between hard rock and alluvium, and potentially a map indicating the potential areas that may look to receive this exemption.**

- d. Update on EKGSA Data Gathering – Vice Chair Klinchuch provided an update on the status of the data gathering for the EKGSA and entire Kaweah Subbasin. Water budget data is being compiled and rough quantities of basin inflows had been developed. Klinchuch shared these estimates for streambed percolation, post-headgate percolation, irrigation return flows, recharge basin percolation, and precipitation percolation. The committee discussed these numbers and where there needs to be improvement. The Committee had concern regarding the number for irrigation return flows. The number appeared too high and the Committee would like a breakdown between applied surface water and groundwater that makes up the return flows. Klinchuch will continue to work with Tim Nicely and the GEI staff to further develop these numbers. Additionally, Klinchuch shared that portions of chapters of the GSP are being developed that can be developed. These are to be shared at meetings in the near future.**



- e. Review GSP Timeline and Next Steps – Vice Chair Klinchuch shared GSP schedules with the committee. The timelines shared compared the schedule submitted in the grant application in September 2017 with a high-level breakout of milestones between now and the January 31, 2020 GSP Submittal. In summary, there is a significant amount of work needing to be accomplished in the next 6 – 9 months. The Committee then focused on key next steps for future meetings. In the coming meetings the TAC intends to start discussing the Sustainability Criteria for the EKGSA. The TAC also intends to further discuss the results from the USBR technical studies for the Friant Districts and how these studies may support different management areas.
 - f. Potential Projects – Vice Chair Klinchuch reminded the group to continue thinking of projects for evaluation in the GSP, and to submit them to Klinchuch or his staff. Committee Member Hagman provided an update on the two “micro” basins drilled in the Lindmore Irrigation District. Currently, they are not performing well, and further investigation is needed.
- 6. New/Other Business** — No other business was discussed.
- 7. Announcements**
- a. Discuss Next Meeting Date and Time: August ?, 2018 – Due to a conflict on August 3rd (the regular meeting date), the August meeting date needed to be adjusted. After discussion amongst the members, Committee Member Hagman made a motion, and seconded on Committee Member West, to hold the next TAC meeting on August 10th at 1:00 p.m. at the office of Provost & Pritchard Consulting Group.
- 8. Adjournment** – Chair Gobler adjourned the meeting at 11:55 a.m.

Respectfully submitted,

Matt Klinchuch, Secretary
East Kaweah GSA Technical Advisory Committee



MINUTES

Meeting of the

Technical Advisory Committee

Friday, July 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
Calvin Monreal – Lindmore ID
Craig Wallace – Lindsay-Strathmore ID
Tom Weddle – Exeter and Ivanhoe IDs
Dale West – Stone Corral ID
Neyba Amezcua – City of Lindsay
Matt Klinchuch – EKGSA Technical Consultant (Vice Chair)
Mark Larsen – Greater Kaweah GSA
Paul Hendrix – Mid Kaweah GSA
Joe Ferrara – Stakeholder
David Roberts – Stone Corral ID
John Yohannes – Stakeholder
Lee Waddle – BWC
Alex Peltzer – Peltzer & Richardson
Natalie Griswold – Peltzer & Richardson
Michelle Ricker – GEI
Tim Nicely – GSI (by phone)

Members Absent:

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

1. **Call to Order** – Committee Chair Gobler called the meeting to order at 10:00 a.m.
2. **Self-Introductions** – The members in attendance gave a brief self-introduction.
3. **Public Comment**— No public comment was provided.
4. **Committee Administration**
 - a. Review and Approve Meeting Minutes from May 31, 2018 Meeting – A motion was made by Committee Member Hagman and seconded by Committee Member Wallace to approve the minutes from the May 31st meeting. The motion passed unanimously.



5. Committee Business

- a. Status Report on Kaweah Subbasin Efforts to date – Committee Member Hagman updated the group on the Subbasin level efforts since the previous meeting.
 - i. Management Team – The June Management Team meeting was cancelled. He shared that information is being developed but wasn't ready for the meeting. The next meeting is scheduled for July 18th but may be cancelled.
 - ii. Sub-Basin Technical Efforts – The Subbasin TAC is no longer a committee for the MOU. The GSAs will rely on their individual TAC for review and direction. Water Budget data is still being developed at the Subbasin level.

- b. Legal Presentation – EKGSA Counsel – No legal presentation was made by EKGSA Counsel at the meeting.

- c. Evaluate and Recommend to EKGSA Board on Hardrock Well Exemption Proposal – Alex Peltzer presented more information regarding a proposal for a Hardrock Well Exemption policy. Mr. Peltzer shared the intent of the policy and the process for approvals. The primary concerns from the Committee were: 1) where does the water go if it was not pumped? Would it make it into the Subbasin alluvium? 2) The water should be metered to understand quantity being pumped. 3) How many landowners would look to be part of this exemption? Through the discussions it was learned that the DWR has informational materials on “hard rock” wells and considers them different than alluvial wells. The Committee opted to not make a recommendation to the EKGSA Board at this time and have more information presented at a future meeting, including the DWR information, a report or discussion from a geologist/hydrogeologist on the interaction between hard rock and alluvium, and potentially a map indicating the potential areas that may look to receive this exemption.

- d. Update on EKGSA Data Gathering – Vice Chair Klinchuch provided an update on the status of the data gathering for the EKGSA and entire Kaweah Subbasin. Water budget data is being compiled and rough quantities of basin inflows had been developed. Klinchuch shared these estimates for streambed percolation, post-headgate percolation, irrigation return flows, recharge basin percolation, and precipitation percolation. The committee discussed these numbers and where there needs to be improvement. The Committee had concern regarding the number for irrigation return flows. The number appeared too high and the Committee would like a breakdown between applied surface water and groundwater that makes up the return flows. Klinchuch will continue to work with Tim Nicely and the GEI staff to further develop these numbers. Additionally, Klinchuch shared that portions of chapters of the GSP are being developed that can be developed. These are to be shared at meetings in the near future.



- e. Review GSP Timeline and Next Steps – Vice Chair Klinchuch shared GSP schedules with the committee. The timelines shared compared the schedule submitted in the grant application in September 2017 with a high-level breakout of milestones between now and the January 31, 2020 GSP Submittal. In summary, there is a significant amount of work needing to be accomplished in the next 6 – 9 months. The Committee then focused on key next steps for future meetings. In the coming meetings the TAC intends to start discussing the Sustainability Criteria for the EKGSA. The TAC also intends to further discuss the results from the USBR technical studies for the Friant Districts and how these studies may support different management areas.
- f. Potential Projects – Vice Chair Klinchuch reminded the group to continue thinking of projects for evaluation in the GSP, and to submit them to Klinchuch or his staff. Committee Member Hagman provided an update on the two “micro” basins drilled in the Lindmore Irrigation District. Currently, they are not performing well, and further investigation is needed.

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

7. Announcements

- a. Discuss Next Meeting Date and Time: August ?, 2018 – Due to a conflict on August 3rd (the regular meeting date), the August meeting date needed to be adjusted. After discussion amongst the members, Committee Member Hagman made a motion, and seconded on Committee Member West, to hold the next TAC meeting on August 10th at 1:00 p.m. at the office of Provost & Pritchard Consulting Group.

8. Adjournment – Chair Gobler adjourned the meeting at 11:55 a.m.

Respectfully submitted,

Matt Klinchuch, Secretary
East Kaweah GSA Technical Advisory Committee



MINUTES

Meeting of the

Technical Advisory Committee

Friday, September 7, 2018 at 10:00 a.m. at the office of
Provost & Pritchard Consulting Group
130 N. Garden Street, Visalia, CA 93291

Meeting Attendees:

Mike Hagman – Lindmore ID
Craig Wallace – Lindsay-Strathmore ID
Tom Weddle – Exeter and Ivanhoe IDs
Dale West – Stone Corral ID
Neyba Amezcua – City of Lindsay
Aaron Bock – County of Tulare
Matt Klinchuch – EKGSA Technical Consultant (Vice Chair)
Paul Hendrix – Mid Kaweah GSA
Eric Osterling – Greater Kaweah GSA
Mark Larsen – Kaweah Delta WCD
Tim Bailey – County of Tulare
Joe Ferrara – Stakeholder
Karen Yohannes – Stakeholder
Jennifer Pitcher – Ag Capital
Pedro Hernandez – Leadership Council
Alan Becker – Sun World

Members Absent:

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

1. **Call to Order** – Vice Chair Klinchuch called the meeting to order at 10:10 a.m.
2. **Self-Introductions** – The attendees gave brief self-introductions.
3. **Public Comment**— No public comments were made.
4. **Committee Administration**
 - a. Review and Approve Meeting Minutes from August 10, 2018 Meeting – A motion was made by Committee Member Wallace and seconded by Committee Member Bock to approve the minutes from the August 10th meeting. The motion passed unanimously.



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 previous meeting.**
 - i. Management Team – The August Management Team meeting was cancelled, but the September meeting will be held on September 19th. Committee Member Hagman shared that the GSA managers and consultants met to resolve some of the communication issues and also discuss timeline for deliverables. More information will become available over the next couple months.**
 - ii. Sub-Basin Technical Efforts – Vice Chair Klinchuch shared that there have been some meetings and discussions amongst the technical consultants in an effort to work through some technical efforts. The draft HCM section for the Subbasin is set to be released mid-September. Text for the East Kaweah GSA was sent to GEI for inclusion into this text. Vice Chair Klinchuch announced that the ET data through David’s engineering is coming available. As that is shared, he will bring back to the group for review and consideration.**

- b. Discussion on Sustainability Criteria and Undesirable Results – Vice Chair Klinchuch presented on the Sustainability Criteria and Undesirable Results. The presentation focused on what is required by the SGMA legislation to prepare the Committee for future discussions as more water budget details are developed. Committee Member Hagman shared that the EKGSA Board along with its TAC and AC will need to define minimum thresholds and where we would like to operate (objectives). Following the presentation, the Committee and other present discussed various topics relating to setting these thresholds. Questions ranged from how future cropping patterns will be evaluated, what uncertainty analyses will be developed, and will management areas be used, and will they have different thresholds? Many of the questions couldn’t be answered yet, but more clarity is expected as additional information is developed in the Subbasin.**

- c. Policy Development – Ad Hoc Committee – Vice Chair Klinchuch and Committee Member Hagman shared a draft list of potential policies that the EKGSA Board will likely need to make a decision on over the next several months. The list is also intended to go to the Advisory Committee for their input. The discussion was whether or not to develop an Ad Hoc to further develop some of the concepts. It was decided that an Ad Hoc would not be created and the two committees would discuss at their meetings in order to develop in a public setting.**



- d. Review GSP Status and Schedule – Vice Chair Klinchuch briefly discussed schedule of upcoming items for the GSA and Subbasin.
 - e. Potential Projects –Vice Chair Klinchuch shared a preliminary project list with the Committee that could be considered for inclusion into the GSP. Committee Member Bock shared with the group that projects with flood benefits could be included into the County’s Stormwater Plan and could be eligible for funding in the future.
- 6. New/Other Business** — No other business was discussed.
- 7. Announcements**
- a. Discuss Next Meeting Date and Time: October 5, 2018 at 10:00 a.m.
 - b. Group discussed potential to meet more frequently going forward. No decisions were made for additional meetings.
- 8. Adjournment** – Vice Chair Klinchuch adjourned the meeting at approximately 11:45 a.m.

Respectfully submitted,

Matt Klinchuch, Secretary
East Kaweah GSA Technical Advisory Committee



MINUTES

Meeting of the

Technical Advisory Committee

Friday, October 5, 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)
Calvin Monreal – Lindmore ID
Craig Wallace – Lindsay-Strathmore ID
Tom Weddle – Exeter and Ivanhoe IDs
Dale West – Stone Corral ID
Mike Camarena – City of Lindsay
Aaron Bock – County of Tulare; County of Tulare - Landowner
Matt Klinchuch – EKGSA Technical Consultant (Vice Chair)
Mike Hagman – EKGSA Exec. Director (by phone)
Karen Yohannes – Stakeholder
Alan Becker – Sun World
Stacie Ann Silva – NewCurrent
Robert Linderman – Landowner

Members Absent:

EKGSA At Large
Sentinel Butte MWC

1. **Call to Order** – Chair Gobler called the meeting to order at 10:05 a.m.
2. **Self-Introductions** – The attendees gave brief self-introductions.
3. **Public Comment**— No public comments were made.
4. **Committee Administration**
 - a. Review and Approve Meeting Minutes from September 7, 2018 Meeting– A motion was made by Committee Member Bock and seconded by Committee Member Weddle to approve the minutes from the September 7th. Committee Chair Gobler abstained. The motion passed.
5. **Committee Business**
 - a. Status Report on Kaweah Subbasin Efforts to date – Mike Hagman and Vice Chair Klinchuch updated the group on Subbasin level efforts since the previous meeting.
 - i. Management Team – The September Management Team meeting was held on September 19th. The meeting provided updates from the three GSAs and discussed the concept of Hydrogeologic Zones, or HZs, as a way



to develop thresholds and objectives in areas that act similarly. The meeting also provided updates on a common communication portal. Hagman also shared that outreach efforts have been on-going in the East Kaweah with recent meetings being held for some of the East Kaweah communities.

- ii. SubBasin Technical Efforts – Mike Hagman shared with the Committee that GEI had released a draft Basin Settings Chapter with water budgets for the three GSA managers to review. There are serious concerns with what has been developed for the East Kaweah and questions have been raised as to how the gaps are going to be filled for moving forward. Meetings are going to be set up to fill these gaps in coming weeks. The GEI team is looking to take comments from the GSA Managers and re-release a more complete version in mid-November. The Numerical Model is also slated to be released in the late November to early December timeframe.
- b. Discussion on Sustainability Criteria and Undesirable Results – Vice Chair Klinchuch shared more on the Hydrogeologic Zones concept being proposed by the GEI Team. Some of the figures were shared to go over some of the thoughts and usefulness of the approach. Some concerns were shared with some of the zones especially with regards to Corcoran Clay on the west side of the Subbasin. Vice Chair Klinchuch shared that he sees this HZs being more useful for selecting representative monitoring rather than management areas going forward. Hagman shared an opinion to possibly use groundwater levels as a proxy for the five Undesirable Results in the Subbasin and asked the TAC members to consider this. He also requested the TAC to submit any other ideas for dealing with the Undesirable Results for the Committee to consider.
 - c. Potential Policy Development Update – Hagman and Klinchuch updated the group on the Potential Policy List after it had made a round through the East Kaweah Advisory Committee. Hagman shared that he intends to bring this the Board for their review at the next Board Meeting in hopes to receive guidance and direction for further development. Committee Member Bock suggested further developing a comparison with what other GSAs in the state are doing. Stakeholder Yohannes requested there be a priority list for the policies. Hagman agreed that both thoughts would be good to incorporate. Stakeholder Yohannes also brought seepage loss documents from other Kaweah GSAs to the attention of the TAC. Chair Gobler said that there should be more analysis on this and brought back to the TAC at a future meeting.



EAST KAWEAH

GROUNDWATER SUSTAINABILITY AGENCY

- d. Review GSP Status and Schedule –Vice Chair Klinchuch discussed schedule for developing the draft GSP for the East Kaweah GSA. The technical team is aiming for a draft GSP at April 2019 EKGSA Board Meeting.
 - a. Potential Projects – Vice Chair Klinchuch shared the project list with the Committee that could be considered for inclusion into the GSP, no updates had been made since the last meeting. Klinchuch shared that staff is working to develop a methodology to grade/prioritize projects for the TAC to use for evaluation. Committee Member Bock reminded the group that projects with flood benefits could be included into the County’s Stormwater Plan and could be eligible for funding in the future. The County could potentially take the lead for CEQA for such projects. It was also shared that with Prop 68 passing in June, a Proposal Solicitation Package (PSP) for funding should be available in late 2019 to early 2020. Discussion also ensued about how ‘credits’ would be treated or allocated. There are also questions regarding how long a ‘credit’ would last, will there be a deadline for using? Audience member Yohannes suggested that credits and prime recharge areas be topics with the outreach with the Ag Community in the future.
- 6. New/Other Business** — Stakeholder Yohannes reminded the group that there would be a special TAC for the Greater Kaweah on October 9th at 10:00 a.m. and requested TAC members make the meeting if they can. The focus of the meeting will be regarding seepage and how it can/will be accounted in the Kaweah Subbasin.
- 7. Announcements**
- a. Discuss Next Meeting Date and Time: November 2, 2018 at 10:00 a.m.
- 8. Adjournment** – Chair Gobler adjourned the meeting at approximately 11:50 a.m.

Respectfully submitted,



Matt Klinchuch, Secretary
East Kaweah GSA Technical Advisory Committee



MINUTES

Meeting of the

Technical Advisory Committee

**Friday, November 2, 2018 at 10:00 a.m. at the office of
Provost & Pritchard Consulting Group
130 N. Garden Street, Visalia, CA 93291**

Teleconference Location:

Park Lane Hotel - Lobby
36 Central Park S
New York, NY 10019

Meeting Attendees:

Tim Gobler – Wutchumna WC (Chair)
Mike Hagman – Lindmore ID
Calvin Monreal – Lindmore ID
Craig Wallace – Lindsay-Strathmore ID (by phone)
Tom Weddle – Exeter and Ivanhoe IDs
Dale West – Stone Corral ID
Mike Camarena – City of Lindsay
Aaron Bock – County of Tulare; County of Tulare - Landowner
Matt Klinchuch – EKGSA Technical Consultant (Vice Chair)
Joseph Hughes – EKGSA Legal
Karen Yohannes – Stakeholder
John Yohannes - Stakeholder
Alan Becker – Sun World
Stacie Ann Silva – NewCurrent
Robert Linderman – Landowner
Paul Adams – Booth Ranches
Fergus Morrissey – Booth Ranches
Susan Simon – Tulare County RMA
Allan Lombardi – Landowner & EKGSA AC Member
Liesbet Olaerts – Self Help
Joe Ferrara – Stakeholder
Paul Hendrix – Mid-Kaweah GSA
Mark Larsen – Kaweah Delta
Dennis Mills – Greater Kaweah GSA

Members Absent:

EKGSA At Large
Sentinel Butte MWC

- 1. Call to Order** – Chair Gobler called the meeting to order at 10:05 a.m.
- 2. Self-Introductions** – The attendees gave brief self-introductions. Joe Hughes is participating as legal representation for the East Kaweah GSA.



3. **Public Comment** — Public comment was provided by Karen Yohannes regarding the process for water seepage accounting. She disagrees with the current direction of the process and requests the TAC and others keep in mind the 'No Injury Rule' and strive to keep as much of the supply as native for use of all Subbasin users. A written statement was provided to Legal Counsel for review.
4. **Committee Administration**
 - a. Review and Approve Meeting Minutes from October 5, 2018 Meeting – A motion was made by Committee Member Hagman and seconded by Committee Member West to approve the minutes from the October 5th meeting. The motion passed unanimously.
5. **Committee Business**
 - a. Status Report on Kaweah Subbasin Efforts to date – Mike Hagman and Vice Chair Klinchuch updated the group on Subbasin-level efforts since the previous meeting.
 - i. Management Team – The October Management Team meeting was cancelled, so there was no report for the Management Team.
 - ii. Sub-Basin Technical Efforts – Hagman and Klinchuch shared with the Committee that they had been meeting with the GEI team regarding the Water Budget for the East Kaweah as the numbers were not aligning with what is thought to be true. The input that likely has the largest impact on the water budget is the mountain front recharge. There is no hard data for this item and needs to be estimated from different sources. The goal is to work with the GEI team to further develop numbers for a release of the Kaweah Subbasin Water Budget by Thanksgiving. Klinchuch also shared some draft handouts that were developed by the Mid-Kaweah that proposed a potential method for setting Minimum Thresholds in the Subbasin. The TAC was asked to review these documents and provide their feedback at a future meeting.
 - b. Discussion on Water Accounting Framework – Following a request from the EKGSA Board, the TAC reviewed and provided recommendation on the Water Accounting Framework. The TAC walked through each item an October 16th Memo developed by Hagman for the EKGSA Advisory Committee (attached). There was general concurrence by the TAC with the recommendations in the memo. However, there were differing opinions on where to assign native supplies reaching the groundwater aquifer via conveyance losses or by leaching past the root zone after irrigation. Overall, the TAC agreed that the basis for accounting needs to be the most legally defensible but also strive to maximize the native Subbasin supply. Hagman made a motion, that was seconded by Committee Member Bock to take this recommendation to the Board. The motion passed unanimously.



- c. Potential Policy Development Update – This item was tabled for a future meeting.
 - d. Review GSP Status and Schedule – This item was tabled for a future meeting.
 - e. Potential Projects – This item was tabled for a future meeting.
- 6. New/Other Business** — No other business was discussed.
- 7. Announcements**
- a. Discuss Next Meeting Date and Time: December 7, 2018 at 10:00 a.m.
- 8. Adjournment** – Chair Gobler adjourned the meeting at approximately 12:45 p.m.

Respectfully submitted,

Matt Klinchuch, Secretary
East Kaweah GSA Technical Advisory Committee

STAFF MEMORANDUM

TO: Board of Directors
Advisory Committee
Technical Advisory Committee

FROM: Michael D. Hagman, Executive Director

DATE: October 16, 2018

SUBJECT: Sub-basin Water Accounting Framework Advisory Committee
Recommendations

Below you will find the Advisory Committee's positions on basin inflows and accounting for them. When referencing policy alignment to the MKGSA, the MKGSA Board of Directors has adopted an official policy on the water accounting framework. When referencing policy alignment to the GKGSA, the GKGSA Board has not yet adopted a policy. However, GKGSA legal counsel and GKGSA TAC have addressed portions of the water accounting framework and such alignment will be noted.

Stream Bed Percolation from Native Supply:

- Concur with legal counsel, recommend all native supply that is percolated into the sub-basin as it travels through the natural streambed course be assigned as native basin supply. Aligns with MKGSA/GKGSA position.
- Concur with legal counsel, when water is moved off stream into a man-made head gate and conveyance system and then subsequently back into another natural streambed, such percolated water should be assigned to the diverter.

Both recommendations align with MKGSA/GKGSA position.

Streambed Percolation from Foreign Supply: Concur with legal counsel, recommend assignment to importer. Aligns with MKGSA/GKGSA position.

Mountain Course In-flow: Concur with legal counsel, recommend assignment to native basin supply. Aligns with MKGSA/GKGSA position.

Concern arises however, when such supply begins to impact ground adjacent to the mountains. Sub-basin Negotiations should address this issue.

Conveyance Losses: Concur with legal counsel. Conveyance losses that occur in man-made channels should be assigned to the conveyor. Aligns with MKGSA/GKGSA position.

Irrigation leaching to the aquifer:

Water that is leached past the root zone and returned to the groundwater from:

- Riparian supply – concur with legal counsel, recommend assignment to native basin supply (MGKSA concurs/GKGSA has not addressed)
- Pumped groundwater – concur with legal counsel, recommend assignment to native basin supply (MGKSA concurs/GKGSA has not addressed)
- Appropriated local surface supply –Appropriated supplies from sources within the watershed that, even absent the appropriation, would have ended up in the basin, could be considered either native or non-native supply. The committee requested further information and expressed interest in maximizing native supply, if possible. (MGKSA differs / GKGSA has not addressed likely to recommend assignment to appropriator)
- Foreign Supply – Appropriated surface supplies from sources outside the watershed or that would not have otherwise ended up in the groundwater basin should likely be assigned to the appropriator, although no court has provided a definitive answer. Recommend assignment to importer (MGKSA concurs / GKGSA has not addressed likely to recommend assignment to importer)

Precipitation: Concur with legal counsel, recommend assignment to native basin supply. Aligns with MKGSA/GKGSA position.

Storm Drain diversions: Legal Counsel has recommended that percolation from this source has legal precedence that favors assignment to the diverter but only the “delta” or change in what would have naturally percolated. The AC would like Counsel to firm up a position. The AC is inclined to ask the sub-basin to consider all the diversion as native supply. This action to divert water prevents damage to life and property and is a necessary activity. But such flows would likely have returned to the native basin supply absent actions taken by the diverter. The AC recommendation does not align with MKGSA / not addressed yet by the GKGSA TAC. However, it appears that this recommendation does not align with GKGSA legal counsel perspective.

Treated Water: Legal Counsel has not provided an opinion on this category, but suspects that it should be treated the same as irrigation leaching to the aquifer from pumped groundwater. AC recommends such supply be treated the same as irrigated return flows (relative to all its forms, Riparian, Pumped, Appropriated, Foreign).

Summary

No other in-flows were addressed by the AC. In general, the AC had concerns around historical practice where groundwater in-flows were being used in a basin wide perspective. Lands that do not receive surface supply or possibly insufficient surface supply, historically benefitted from Kaweah inflows. Diversions were not portioned off to individuals but left for basin demand. Assignments of supply will now raise the imperative on the groundwater dependent users. In the past, concerns about water elevations were typically local (wells in an area going dry, while wells in another area were not). The AC would like the EKGSA to coordinate and consider negotiations that are more community oriented.



MINUTES

Meeting of the

Technical Advisory Committee

Friday, December 7, 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 IDs
Dale West – Stone Corral ID
Mike Camarena – City of Lindsay
Aaron Bock – County of Tulare; County of Tulare - Landowner
Paul Buld0 – Sentinel Butte MWC
Matt Klinchuch – EKGSA Technical Consultant (Vice Chair)
Karen Yohannes – Stakeholder
Susan Simon – Tulare County RMA
Liesbet Olaerts – Self Help
Joe Ferrara – Stakeholder
Paul Hendrix – Mid-Kaweah GSA
Eric Osterling – Greater Kaweah GSA

Members Absent:

EKGSA At Large

1. **Call to Order** – Chair Gobler called the meeting to order at 10:05 a.m.
2. **Self-Introductions** – The attendees gave brief self-introductions.
3. **Public Comment** – No public comments were provided. Karen Yohannes potentially had comment regarding the Sustainable Management Criteria, but it was held for discussion during Agenda Item 5.
4. **Committee Administration**
 - a. Review and Approve Meeting Minutes from November 2, 2018 Meeting – A motion was made by Committee Member Hagman and seconded by Committee Member West to approve the minutes from the November 2nd meeting. The motion passed unanimously.
5. **Committee Business**
 - a. Status Report on Kaweah Subbasin Efforts to date – Mike Hagman and Vice Chair Klinchuch updated the group on Subbasin-level efforts since the previous meeting.



- i. Management Team – The November Management Team meeting was cancelled. A meeting has been scheduled for 9:00 a.m. on December 20th that will be held at the County Board of Supervisors building.
 - ii. Sub-Basin Technical Efforts – Hagman and Klinchuch shared with the Committee that they had been meeting with the GEI team and other Kaweah GSA technical folks to discuss the water budget. More meetings are planned over the coming weeks now that an updated draft of the Basin Setting has been released.
 - b. Discussion on Water Budget/Accounting Framework – Hagman and Klinchuch shared that the GEI team had released an updated draft of the Basin Setting the previous weekend and review was underway. Included in the Basin Setting is an updated Subbasin Water Budget. The TAC walked through each item of the Water Budget table so that there was an understanding of how each component was developed. Discussion and questions arose from the Committee and attendees, many of which didn't have an answer since the document had been released so close to the meeting. Key concerns were raised around the David's Engineering ET Report regarding the crop demands and efficiencies for water seeping past the root zone. Further clarity will be needed on the ET analysis going forward. Following the meeting, the TAC will be sent the documents for their review of the Basin Setting document. Additional discussion and comments will be had at the next TAC meeting.
 - c. Potential Policy Development Update – This item was tabled for a future meeting.
 - d. Review GSP Status and Schedule – Vice Chair Klinchuch shared the tentative schedule with the Committee. He shared that the original goal to have some chapters for the TAC review had been delayed while waiting for the Subbasin Basin Setting document from the GEI team. While there has been some delay, Klinchuch believes having a Draft GSP by the end of April 2019 is still possible. However, much of the slack built into the schedule has already been used.
 - e. Potential Projects – This item was tabled for a future meeting. Vice Chair Klinchuch shared that now that the Water Budget is getting finalized the Potential Projects can be further evaluated and sized. Examples of grading/prioritizing projects will be shared for the TAC to develop a framework for prioritizing EKGSA projects and actions.
- 6. New/Other Business** — No other business was discussed.



7. Announcements

- a. Discuss Next Meeting Date and Time: January 4, 2019 at 10:00 a.m. at the Exeter Museum. A change from the current location to accommodate more attendees.

8. Adjournment – Chair Gobler adjourned the meeting at approximately 12:05 p.m.

Respectfully submitted,

Matt Klinchuch, Secretary
East Kaweah GSA Technical Advisory Committee