



EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY

ADVISORY COMMITTEE MEETING

AGENDA

Wednesday, October 10, 2018

9:00 a.m. – 10:30 a.m.

San Joaquin County – Robert J. Cabral Agricultural Center
2101 E. Earhart Avenue – Assembly Room #1, Stockton, California

- I. Call to Order/Pledge of Allegiance & Safety Announcement/Introductions
- II. **SCHEDULED ITEMS** – *Presentation materials to be posted on ESJGroundwater.org and emailed prior to the meeting. Copies of presentation materials will be available at the meeting.*
 - A. Discussion /Action Items:
 1. Approval of Minutes of September 12, 2018 (See Attached)
 2. Announcement: Second Informational Meeting
 3. Projects and Management Actions
 - i. Project Descriptions
 - ii. Develop Assessment Criteria
 4. November Agenda Items
- III. **Public Comment (non-agendized items)**
- IV. **Future Agenda Items**
- V. **Adjournment**

Next Regular Meeting

November 14, 2018 at 9:00 a.m.

San Joaquin County - Robert J. Cabral Agricultural Center
2101 E. Earhart Ave., Assembly Rm. #1, Stockton, California

Action may be taken on any item

Agendas and Minutes may also be found at <http://www.ESJGroundwater.org>

Note: If you need disability-related modification or accommodation in order to participate in this meeting, please contact San Joaquin County Public Works Water Resources Staff at (209) 468-3089 at least 48 hours prior to the start of the meeting.

EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY
Advisory Committee Meeting Minutes
September 12, 2018

I. Call to Order/Pledge of Allegiance & Safety Announcement/Roll Call

The Eastern San Joaquin Groundwater Authority (GWA) Advisory Committee meeting was convened by Alyson Watson at 9:04 a.m., on September 12, 2018, at the Robert J. Cabral Agricultural Center, 2101 E. Earhart Ave. Stockton, CA. Following the Pledge of Allegiance, a representative of the San Joaquin County Office of Emergency Services provided the required safety information.

In attendance were Michael Bolzowski, George Biagi, Greg Gibson, Lance Roberts, Elba Mijango, Mel Lytle, Peter Martin, David Fletcher, Mike Henry, Daniel de Graaf, Emily Sheldon, Fritz Buchman, Mia Brown, Cathy Lee, and Doug Heberle.

II. SCHEDULED ITEMS

A. Discussion Items:

1. Approval of Minutes of August 8, 2018

Mr. Doug Heberle moved, and Mr. Mike Henry seconded the approval of the August 8 meeting minutes. There were no comments on the minutes from Advisory Committee members or the public.

2. Open House Recap

Ms. Alyson Watson provided a summary of the open house that was held on August 29. Mr. Mike Henry commented that the format was good but that the room was small and caused impacts to noise level. Ms. Emily Sheldon indicated she liked how landowners were able to find out which GSA they were in with the computer look up tool. Ms. Elba Mijango requested a date be decided for purposes of noticing.

Mr. Mel Lytle complimented the format because it allowed people to get a more personalized approach. He was impressed by the folks from the consulting team who were there to help guide members of the public through the process, indicating that it allowed the public to ask all types of questions. He noted that the technology piece could stand out further and offered the training room at the Delta Water Treatment Plant in the Stockton/Lodi area for a future meeting. He suggested offering a variety of refreshments. Mr. Mike Henry shared that he mailed 1,900 postcards to Lockeford addresses. He indicated that the participants who came were looking to be educated and a few had concerns related to their own wells. Primarily, they were seeking education, and this was the first step.

Ms. Elba Mijango noted that she really liked the format and felt it was a very successful event. She noted that she found the media tool kit that was sent out to be helpful. Mr. Lance Roberts offered the Hutchins Street Square location in Lodi for a future meeting as well.

The discussion was opened to public comments and Ms. Mary Elizabeth gave feedback on the event. She indicated that a lot of people were looking for general overview information, so a short presentation would have been helpful. She indicated the need for earlier notice and stated that the City of Stockton Cesar Chavez Library has a large community room.

3. Thresholds Status

Ms. Alyson Watson gave an overview of the approach to groundwater threshold development and discussions with GSAs. Thresholds need to be done in an iterative way looking at overdraft as well.

She introduced the idea that groundwater elevations will continue to decline possibly until 2040 when sustainable management is progressing.

Mr. George Biagi asked who decides what unreasonable means. Ms. Alyson Watson responded that this group will define that. Mr. George Biagi indicated that he sees the potential for this to become punitive at some point and noted his concern that the information will be used against landowners. Ms. Alyson Watson responded that the group will need to define what constitutes a violation, and that this regulatory requirement will be tied to a subset of specific monitoring wells. Landowners will not be directly tied to an elevation in the area.

4. Projected Water Budget

Mr. Greg Gibson noted that the City of Lathrop will continue to grow beyond 2040. Mr. Peter Martin asked what was used outside of San Joaquin County. Ms. Sara Miller answered that assumptions were made for non-urban areas for population and that average Gallons Per Capita Daily (GPCD) was utilized. Mr. Mel Lytle asked if there is a requirement to include 50 years of hydrology. The model will look at average changes for hydrologic variation and will capture drier periods. For GPCD, Mr. Mike Henry noted a dip in 2015 and asked how the basin compares to statewide.

Mr. Greg Gibson asked about projecting hydrology and how far back we are looking. He indicated there is recent work by the Public Policy Institute of California (PPIC) which would be good to utilize for projecting. Ms. Alyson Watson responded that DWR requires that we use 50 years of historical hydrology and that we will need to look at climate change conditions as a separate scenario. The recent drought is captured in addition to the 1977 and 1992 droughts. Ultimately, we are looking for the long term average to balance out. Mr. Mike Henry asked if cropping patterns were verified within individual GSAs and asked for clarification on how demand was calculated. Ms. Alyson Watson noted that evapotranspiration was used for the cropping patterns seen.

Mr. George Biagi asked if the change in the last five years has been considered or compensated for. He noted that field crops are nearly gone. Mr. Mike Henry asked if GSAs have acreage numbers for crops. Mr. Lance Roberts asked about outdoor conservation that DWR may be considering. Ms. Alyson Watson noted that future reduction requirements are not incorporated into the baseline but are anticipated to be covered in projects and management actions.

Mr. Mel Lytle asked how conversion of dry land to irrigated land is accounted for, noting that the conversion is ongoing. Ms. Alyson Watson noted in some areas that feedback was captured from GSAs. Ms. Sara Miller and Mr. Ali Taghavi answered that there is market-driven development, similar to uncertainties and the water budget keeps the baseline simple and incorporates future analysis as uncertainty. Climate change will be superimposed, and land conversion could be as well. The San Joaquin County report showed about 60,000-70,000 acres. Mr. Mel Lytle noted agriculture to urban conversion is typically 1:1, but when converting dry land to irrigated it is a new demand and not a 1:1 trade. Much of this development has occurred over the last 20 years and there may be an underlying trend that needs to be captured in order to capture the supply side. If it is not captured, it may underestimate the problem we are trying to solve. Mr. Brandon Nakagawa added that for the individual GSAs facing development pressure on land that has not been historically irrigated, conversations need to happen to determine the process for dealing with this issue.

Mr. Greg Gibson asked how recycled water is accounted for. Mr. Ali Taghavi noted it is not included explicitly in the model since the quantities and timing are not known.

Ms. Elba Mijango asked about storage. Ms. Alyson Watson clarified it is change in groundwater storage, or an overdraft condition of approximately 30,000 acre feet (AF). Mr. Daniel de Graaf noted it has been described as 50,000 AF before. Ms. Sara Miller noted the biggest change is based on how GSAs have projected they will utilize surface water supplies. Mr. Mel Lytle indicated it can show a range rather than a specific number. Mr. Greg Gibson noted that during dry years, demands reduce.

Public Comment:

Ms. Mary Elizabeth commented on slide 13, 15 and 16, and on the projected conditions baseline. On slide 13, she asked for the date and reference of reports so the public can access the information. She asked about how GPCD was calculated and requested a short explanation. On slide 15, she notes that agriculture conversion to permanent crops was discussed. She requested to see cropping patterns by GSA and noted that there should be a disclosure of crop type and water demands. On slide 16, she requested that the discussions with individual GSAs and with land use agencies on projects and management actions be a public process. On the projected conditions baseline, she asked that information on crop type be provided to delineate crop type and water demand.

A member of the public asked how climate is considered. Ms. Alyson Watson noted that the group will be considering a climate scenario, and that this is the first step with the 50-year hydrology as required by DWR.

5. Sustainable Yield

Mr. Mike Henry asked a clarifying question on model assumptions. A member noted that the projected version of the slide was not a match with the slide in the revised handouts. The meeting was paused to re-project the updated slide to match the revised handouts. Mr. Greg Gibson asked if there could be a breakdown by GSA.

There was a request to define boundary inflow. Mr. Ali Taghavi defined it as subsurface flows that come in from the system. A member of the public asked a question on slide 25, noting the variability in projects and asked how variability was arrived. Ms. Alyson Watson indicated that the changes in hydrology is what is primarily shown.

6. Projects and Management Actions

Ms. Cathy Lee asked what was meant by projects being economically feasible. Ms. Alyson Watson responded that this means only to go a route if it is cost effective. Mr. Greg Gibson asked if there is an opportunity for a combined approach where some projects are implemented at the GSA level and there may be basin-wide projects. He indicated that the City of Lathrop has a recycled water program and conservation programs, but something like a crop fallowing program can be done basin-wide. Mr. Mel Lytle noted this area has historically resisted an adjudicated approach. He also noted that there is a way to work in a flexible manner to implement a mix of projects. Mr. Mike Henry asked a clarifying question about the allocation approach, indicating that he might not agree with all pros and cons presented.

Ms. Emily Sheldon asked about the format for the October meeting, asking if Advisory Committee members and Board members can both attend and provide input. Mr. Brandon Nakagawa indicated yes and clarified that the Board meeting will be extended.

Mr. Paul Wells indicated that there are climate change Best Management Practices (BMPs) put out by DWR.

Ms. Mary Elizabeth noted that the consultant is working in other basins and it would be informative to learn what management projects other basins are looking at.

7. Schedule Recap

The October agenda will focus on projects and management actions.

B. Informational Items:

III. Public Comment (non-agendized items):

IV. Future Agenda Items:

V. Adjournment:

The meeting was closed at 10:47 am. Mr. Mel Lytle moved and Mr. Doug Heberle seconded the meeting adjournment.

Next Regular Meeting: October 10, 2018 at 9:00 a.m.

San Joaquin County - Robert J. Cabral Agricultural Center, 2101 E. Earhart Ave., Assembly Rm. #1, Stockton, CA

Eastern San Joaquin Groundwater Authority

ADVISORY COMMITTEE

Sign-In Sheet

September 12, 2018

INITIAL	AGENCY	MEMBER
<i>MS</i>	California Water Service Company	Bolzowski, Michael
<i>CBJAC</i>	Central Delta Water Agency	Biagi, George
	Central San Joaquin Water Conservation District	--
<i>LG</i>	City of Lathrop	Gibson, Greg
<i>AR</i>	City of Lodi	Roberts, Lance
<i>EM.</i>	City of Manteca	Mijango, Elba
<i>DL</i>	City of Stockton	Lytle, Mel / <i>Danny Trejo</i>
<i>PM</i>	Eastside San Joaquin GSA	Martin, Peter
<i>DD</i>	Linden County Water District	Fletcher, Dave
<i>ML</i>	Lockeford Community Services District	Henry, Mike
<i>EG</i>	North San Joaquin Water Conservation District	de Graaf, Daniel
<i>ES</i>	Oakdale Irrigation District	Sheldon, Emily
<i>Present</i>	San Joaquin County	Buchman, Fritz
<i>MS</i>	South San Joaquin GSA	Brown, Mia
<i>Cathy</i>	Stockton East Water District	Lee, Cathy
<i>GH</i>	Woodbridge Irrigation District GSA	Heberle, Doug

OTHER INTERESTED PARTIES		
NAME	AGENCY	EMAIL
<i>ANDY NGUYEN</i>	<i>SSC</i>	
<i>Anthony Diaz</i>	<i>SJC</i>	
<i>Darwin Barney</i>	<i>SJC</i>	<i>dbarney@sjgov.org</i>
<i>Christy Kennedy</i>	<i>W+C</i>	<i>cskennedy@woodardcurran.com</i>
<i>Alyson Watson</i>	<i>W+C</i>	<i>awatson@woodardcurran.com</i>
<i>Continued on next page....</i>		

OTHER INTERESTED PARTIES

NAME	AGENCY	EMAIL
Alicia Connely	San Joaquin County	
Traus Kahr	City of Lodi	
Noel Liner	City of Lodi	
Grace Su	EBMUD	
Annus Mills	CALAVERAS COUNTY	
Mary Elizabeth	Sierra Club	
Aaron Lewis	EKE	
ANNETTE SCHERMESER	AWC	
Michelle Callahan	SUCPh	
Andrew Watkins	SEWD	
Fritz Buchman	SJ County	
Kelly Vellalpaneh	SJ County	