



## **Board of Directors Meeting**

### **AGENDA**

**Wednesday, June 9, 2021**

**10:30 a.m. – 12:00 p.m.**

**Teleconference Only**

**Call-In Information Provided**

- I. Call to Order/Pledge of Allegiance & Safety Announcement/Roll Call** (\*Please remember to keep your phone line muted and unmute when announcing yourself for attendance or speaking)
- 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. Action/Discussion Items:**
    1. Approval of minutes of March 10, 2021 (Attached)
    2. Approval of FY 21/22 budget (Attached)
    3. Resolution rescinding R-20-06 and adopting a resolution authorizing the secretary of the GWA to approve expenditures and execute contracts within the designations and limitations of the approved budget (Staff Report and Resolution Attached)
    4. DWR comment response plan (Staff Report & DWR Handout Attached)
    5. FIROMAR concept, DWR opportunity and consistency with the GSP
    6. Basin accounting framework
  - B. Staff/DWR Report**
    1. Drought Conditions and Response
    2. DWR Update
- III. Directors' Comments and GSA Status Reports** (2021 Annual Report Table A-1 Project Progress Attached)
  1. Central Delta Water Agency (CDWA)
  2. Central San Joaquin Water Conservation District (CSJWCD)
  3. City of Stockton
  4. City of Lodi
  5. City of Manteca
  6. City of Stockton
  7. Eastside San Joaquin GSA
  8. Linden County Water District (LCWD)
  9. Lockeford Community Services District (LCSD)
  10. North San Joaquin Water Conservation District (NSJWCD)
  11. Oakdale Irrigation District (OID)
  12. San Joaquin County #1
  13. San Joaquin County #2 (Cal Water)

# EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY

## Board of Directors Meeting

### AGENDA

(Continued)

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14. South Delta Water Agency (SDWA)
15. South San Joaquin Irrigation District (SSJID)
16. Stockton East Water District (SEWD)
17. Woodbridge Irrigation District (WID)

- IV. Secretary Report
- V. Public Comment (non-agendized items)
- VI. Future Agenda Items
- VII. Adjournment

#### **NOTICE: Coronavirus COVID-19**

See Attached Notice Regarding COVID 19, Closure of Board Chambers to the Public During the Eastern San Joaquin Groundwater Authority Board of Directors Meeting and Teleconference Information

#### **Next Regular Meeting**

Wednesday, September 8, 2021

10:30 a.m. – 12:00 p.m.

Location TBD

#### **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.*

#### **Important Notice Regarding COVID 19 and Closure of Board Chambers to the Public During Eastern San Joaquin Groundwater Authority Board of Directors Meetings**

On March 18, 2020, Governor Gavin Newsom issued Executive Order N-29-20 recognizing that COVID 19 continues to spread throughout our community resulting in serious and ongoing economic harm. Governor Newsom has therefore waived certain requirements of the Ralph M. Brown Act relating to public participation and attendance at public meetings.

# EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY

## Board of Directors Meeting

### AGENDA

*(Continued)*

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Based on guidance from the California Department of Public Health and the California Governor's Officer, *effective immediately* and while social distancing measures are imposed, Board chambers will be closed to the public during the Eastern San Joaquin Groundwater Board of Directors Meetings.

In order to minimize the spread of the COVID 19 virus, the following options are available to members of the public to listen to these meetings and provide comments to the Board of Directors before and during the meeting:

1. You are strongly encouraged to listen to the Eastern San Joaquin Groundwater Authority Board of Directors meetings by attending the teleconference:

### Microsoft Teams meeting

**Join on your computer or mobile app**

[Click here to join the meeting](#)

**Or call in (audio only)**

+1 209-645-4071 United States, Stockton

Phone Conference ID: 239 455 833#

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

**\*If you are connecting to Microsoft Teams for the first time, you will need to download the program to you PC. You can also download the Microsoft Teams App to you Apple or Android device by visiting the App Stores.\***

***Once connected, we request you kindly mute your phone.***

2. If you wish to make a comment on a specific agenda item, please submit your comment via email by 5:00 p.m. on the Tuesday prior to the meeting. Please submit your comment to the Clerk/Secretary of the Board at [kmsith@sjgov.org](mailto:kmsith@sjgov.org). Your comment will be shared with the Board members and placed into the record at the meeting. Every effort will be made to read comments received during the meeting into the record but some comments may not be read due to time limitations. Comments received after an agenda item will be made part of the record if received prior to the end of the meeting.

**EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY**  
**Board Meeting Minutes**  
**March 10, 2021**

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

The Eastern San Joaquin Groundwater Authority (GWA) Board Teleconference meeting convened, and Chairman Chuck Winn called the meeting to order, via the online Microsoft Teams Meeting platform, at 10:32 a.m. on January 13, 2021. The meeting was Teleconference only.

Chairman Winn led the agenda.

Mrs. Kristy Smith with San Joaquin County conducted the roll call.

In attendance were Chairman Chuck Winn; Vice Chairman Melvin Panizza; Secretary Kris Balaji; Directors David Breitenbucher, David Fletcher, Mike Henry, Tom Flinn, Eric Thorburn, John Herrick, and Robert Holmes; Alternate Directors Jeremiah Mecham, Dante Nomellini, Charlie Swimley, and Walter Ward.

Also in attendance was Director Dan Wright who arrived after roll call was completed.

**II. SCHEDULED ITEMS**

**A. Action Items:**

**1. Approval of Minutes of January 13, 2021**

Chairman Winn called for the approval of minutes of the meeting on January 13, 2021. There were no comments by the GWA Board members and no comments by the public.

**Motion:**

Director Mike Henry moved, and Alternate Director Charlie Swimley second, approval of the January 13, 2021 minutes. Chairman Winn asked for any opposed or abstain. With none, the motion passed unanimously.

**2. Woodard Curran Scope of Work for Model Development, Recalibration, Application and GWA Support (attached)**

Mr. Matt Zidar with San Joaquin County presented an overview of the Woodard Curran proposal which include the tasks for updating the model, prepare and presenting the baseline water budgets, and for presenting the results to the GWA Board and committees. Mr. Zidar presented justifications, which included making best use of the model that DWR funded, helping to inform the discussion and decision on a basin accounting framework, having the tool ready GSAs to use in evaluation CEQA impacts and project benefits per Prop 218. Mr. Zidar's recommendation was to conduct work and issue a task order through the Secretary.

TAC and Steering Committee concerns that were voiced including whether money should be spent before DWR comments were made; necessity of doing the work now; and use of current reserves to do the work. Mr. Zidar noted that he believed the work was timely and necessary to support discussion on an accounting framework and support GSA project level reviews; and that we should not need to redo the work later if we do it now.

Chairman Winn asked if there are elements of the proposed work that could be affected by DWR's comments on the GSP. DWR comments would not affect the proposed work.

There was comment that DWR might not look favorably on the GSP since it lacked discussion of pumping curtailment and demand reduction.

There was further discussion on the DWR GSP review. DWR official comments will be received in January 2022. The DWR representative noted that DWR would not be undertaking an extensive review of the model or water budget, but noted that the assumptions and conclusions based on the model would be analyzed as part of the review process. It was noted that the recalibrated model would be able to analyze future hypothetical scenarios and might be applied to address DWR comments.

Chairman Winn asked if DWR would distribute information on the issues observed during review of the GSP and any guidance by DWR on responses. The DWR representative noted that there will be guidance and advice provided to local GSAs; and that the review results from other GSPs would be available. Staff is coordinating with other basins and tracking issues and responses.

### **3. American River Water Right Application Status Conference**

Mr. Matt Zidar presented the questions to be addressed at the status hearing, noting that San Joaquin County would pursue the application; and that the AHO should not schedule a public hearing because of the watershed protection nature of the American River permit application. The list of agencies that protested the American River water rights application was reviewed.

Questions were asked and discussion ensued related to legal representation were addressed; nature of public records; procedural matters not water matters, support for sustaining the application; plan to use the water for beneficial use (Freeport Feasibility Study); and viable and cost-effective alternatives. The Freeport Diversion project facilities, costs and benefits were described and discussed. Chairman Winn agreed that it is important to maintain the water right unless they no longer find it feasible or cost-effective.

### **4. FY 2021-22 Budget Assumptions, Priorities and Schedule**

Mr. Matt Zidar presented information on the 2021-22 budget and noted that the TAC/Steering recommendation was to apply the same approach as last year. It was noted that the 2021-22 budget would be taken to an Ad Hoc Budget Committee, then back to the Steering Committee for a final recommendation to the Board for consideration at the June Board Meeting.

### **5. Revenue and Funding Alternatives**

Mr. Matt Zidar presented information on revenue and funding alternatives. Discussion points included the need to focus on a projects, beneficiaries, and costs; importance of bringing in the private sector and landowners into the discussion; need for outreach; different jurisdictions revenue-generating processes, opportunities, plans and status. The need for a funding and financing plan was acknowledged and recognized as a good idea. A funding mechanism is needed to provide local match for federal or state money. The Prop 68 funding and financing study should look at all the alternatives available to the GSAs who are struggling with this revenue question; should support individual GSAs to decide what fits them best; and evaluate the pros and cons of the alternative strategies. Defining beneficiaries is necessary to get individuals to pay for projects and help GSAs raise money. Partnerships will be more effective in obtaining grants.

### **6. Annual Report**

Mr. Matt Zidar noted that the Annual Report is progressing well, but noted that surface water diversion data is needed from Woodbridge and Central San Joaquin Water Conservation District; and the TAC and Steering Committee would review the annual report before they are given to GSAs for acceptance. DWR did not provide feedback for last year's report.

**B. Committee/Staff/DWR Report**

**1. TAC Meeting – March 4, 2021**

Mr. Matt Zidar advised that the TAC group discussed what the priorities would be in technical support areas.

**2. DWR Update**

Mr. Paul Wells stated that he had nothing to add from Chelsea's previous update beyond that DWR is working on getting entry permits for monitoring wells by the end of October.

**3. Other**

Mr. Matt Zidar stated that they are moving forward with development of the shallow wells which was the last task of the GSP Development grant; and that the two deep Technical Service Support well clusters are completed. Mr. Zidar commented that North San Joaquin was not selected for the Prop 68 grant, and they need to find ways to fund their project.

Mrs. Kristy Smith from San Joaquin County advised that Form 700s are due this month and need to be submitted directly to her through the mail.

**III. Director's Comments and GSA Status Reports:**

Chairman Winn requested comments from each GSA Director, in a Round Table Discussion. There were no status or project updates.

**IV. Secretary Report:**

There was not report for this meeting.

**V. Public Comment:**

The public provided no comments.

**VI. Future Agenda Items and Meeting Dates:**

None provided.

**VII. Adjournment:**

Chairman Winn adjourned the March 10, 2021 meeting at 11:56 a.m.

**Next Regular Meeting:**

Wednesday, June 9, 2021

10:30 am – 12:00 pm

Location TBD

# Eastern San Joaquin Groundwater Authority Board of Directors

March 10, 2021

Roll Call

Agency Name	Director First	Director Last	Alternate First	Alternate Last
Cal Water	John	Freeman	Steven Jeremiah	Cavallini Mecham ● ●
Central Delta Water Agency	George	Biagi, Jr.	Dante	Nomellini ●
Central San Joaquin Water Conservation District	Grant	Thompson	Reid	Roberts
City of Lodi	Alan	Nakanishi	Charlie	Swimley ●
City of Manteca	David	Breitenbucher ●		
City of Stockton	Dan	Wright LATE	Mel Paul	Lytle Canepa
Eastside San Joaquin GSA	Russ	Thomas	Walter	Ward ●
Linden County Water District	David	Fletcher ●		
Lockeford Community Services District	Mike	Henry ●	Joseph Eric	Salzman Schmid
North San Joaquin Water Conservation District	Tom	Flinn ●	Joe	Valente
Oakdale Irrigation District	Eric	Thorburn, P.E. ●		
South Delta Water Agency	John	Herrick, Esq. ●	Jerry	Robinson
South San Joaquin Groundwater Sustainability Agency	Robert	Holmes ●	Brandon	Nakagawa
Woodbridge Irrigation District	Andy	Christensen		
San Joaquin County Public Works <b>Secretary (1)</b>	Kris	Balaji ●		
Stockton East Water District <b>Vice Chair (2)</b>	Melvin	Panizza ●	Andrew	Watkins
San Joaquin County <b>Chairman (3)</b>	Chuck	Winn ●	Kathy	Miller

We Have Quorum

# Eastern San Joaquin Groundwater Authority Board of Directors

March 10, 2021

Minute Approval

Agency Name	Director First	Director Last		Alternate First	Alternate Last	
Cal Water	John	Freeman		Steven Jeremiah	Cavallini Mecham	Y
Central Delta Water Agency	George	Biagi, Jr.		Dante	Nomellini	Y
Central San Joaquin Water Conservation District	Grant	Thompson		Reid	Roberts	
City of Lodi	Alan	Nakanishi		Charlie	Swimley	Y
City of Manteca	David	Breitenbucher	Y			
City of Stockton	Dan	Wright • Late		Mel Paul	Lytle Canepa	
Eastside San Joaquin GSA	Russ	Thomas		Walter	Ward	Y
Linden County Water District	David	Fletcher	Y			
Lockeford Community Services District	Mike	Henry	Y	Joseph Eric	Salzman Schmid	
North San Joaquin Water Conservation District	Tom	Flinn	Y	Joe	Valente	
Oakdale Irrigation District	Eric	Thorburn, P.E.	Y			
South Delta Water Agency	John	Herrick, Esq.	Y	Jerry	Robinson	
South San Joaquin Groundwater Sustainability Agency	Robert	Holmes	Y	Brandon	Nakagawa	
Woodbridge Irrigation District	Andy	Christensen				
San Joaquin County Public Works <b>Secretary (1)</b>	Kris	Balaji				
Stockton East Water District <b>Vice Chair (2)</b>	Melvin	Panizza	Y	Andrew	Watkins	
San Joaquin County <b>Chairman (3)</b>	Chuck	Winn	Y	Kathy	Miller	

Approved





**EASTERN SAN JOAQUIN  
GROUNDWATER AUTHORITY**

**Joint Exercise of Powers  
Board of Directors Meeting**

**MEMBER SIGN-IN SHEET**

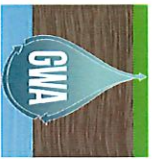
Location: Teleconference Call Only Date: 3/10/2021 Time: 10:30 AM

INITIAL	Member's Name	GSA	Phone	Email
	John Freeman	Cal Water Member	209-547-7900	<a href="mailto:jfreeman@calwater.com">jfreeman@calwater.com</a>
<i>Present</i>	Jeremiah Mecham	Cal Water Alternate		<a href="mailto:jmecham@calwater.com">jmecham@calwater.com</a>
	Steve Cavallini	Cal Water Alternate	209-464-8311	<a href="mailto:scavallini@calwater.com">scavallini@calwater.com</a>
	George Biagi, Jr.	Central Delta Water Agency Member	209-481-5201	<a href="mailto:gbiagi@deltabluegrass.com">gbiagi@deltabluegrass.com</a>
<i>Present</i>	Dante Nomellini	Central Delta Water Agency Alternate	209-465-5883	<a href="mailto:ngmpics@pacbell.net">ngmpics@pacbell.net</a>
	Grant Thompson	Central San Joaquin Water Conservation District Member	209-639-1580	<a href="mailto:gtom@velociter.net">gtom@velociter.net</a>
	Reid Roberts	Central San Joaquin Water Conservation District Alternate	209-941-8714	<a href="mailto:reidwroberts@gmail.com">reidwroberts@gmail.com</a>
	Alan Nakanishi	City of Lodi Member	209-333-6702	<a href="mailto:anakanishi@lodi.gov">anakanishi@lodi.gov</a>
<i>Present</i>	Charlie Swimley	City of Lodi Alternate	209-333-6706	<a href="mailto:cswimley@lodi.gov">cswimley@lodi.gov</a>
<i>Present</i>	David Breitenbucher	City of Manteca Member	209-456-8017	<a href="mailto:dbreitenbucher@ci.manteca.ca.us">dbreitenbucher@ci.manteca.ca.us</a>
		City of Manteca Alternate		
<i>Present</i>	Dan Wright	City of Stockton Member	209-937-5614	<a href="mailto:Dan.Wright@stocktonca.gov">Dan.Wright@stocktonca.gov</a>
	Paul Canepa	City of Stockton Alternate	209-603-7091	<a href="mailto:Paul.Canepa@stocktonca.gov">Paul.Canepa@stocktonca.gov</a>
<i>Present</i>	Mel Lytle	City of Stockton Alternate	209-	<a href="mailto:Mel.Lytle@stocktonca.gov">Mel.Lytle@stocktonca.gov</a>

INITIAL	Member's Name	GSA	Phone	Email
	Russ Thomas	Eastside San Joaquin GSA Member	209-480-8968	<a href="mailto:rthomascwd@hotmail.com">rthomascwd@hotmail.com</a>
Present	Walter Ward	Eastside San Joaquin GSA Alternate	209-525-6710	<a href="mailto:wward@envres.org">wward@envres.org</a>
Present	David Fletcher	Linden County Water District Member	209-887-3202	<a href="mailto:dafpe@comcast.net">dafpe@comcast.net</a>
		Linden County Water District Alternate		
Present	Mike Henry	Lockeford Community Services District Member	209-712-4014	<a href="mailto:midot@att.net">midot@att.net</a>
	Joseph Salzman	Lockeford Community Services District Alternate	209-727-5035	<a href="mailto:lcsd@softcom.net">lcsd@softcom.net</a>
	Eric Schmid	Lockeford Community Services District Alternate	209-727-5035	<a href="mailto:lcsd@softcom.net">lcsd@softcom.net</a>
Present	Tom Flinn	North San Joaquin Water Conservation District Member	209-663-8760	<a href="mailto:tomflinn2@me.com">tomflinn2@me.com</a>
	Joe Valente	North San Joaquin Water Conservation District Alternate	209-334-4786	<a href="mailto:jvalente@softcom.net">jvalente@softcom.net</a>
Present	Eric Thorburn, P.E.	Oakdale Irrigation District Member	209-840-5525	<a href="mailto:ethorburn@oakdaleirrigation.com">ethorburn@oakdaleirrigation.com</a>
		Oakdale Irrigation District Alternate		
Present	Chuck Winn	San Joaquin County Member	209-953-1160	<a href="mailto:cwinn@sigov.org">cwinn@sigov.org</a>
	Kathy Miller	San Joaquin County Alternate	209-953-1161	<a href="mailto:kmiller@sigov.org">kmiller@sigov.org</a>
Present	John Herrick, Esq.	South Delta Water Agency Member	209-224-5854	<a href="mailto:jherrlaw@aol.com">jherrlaw@aol.com</a>
	Jerry Robinson	South Delta Water Agency Alternate	209-471-4025	N/A
Present	Robert Holmes	South San Joaquin GSA Member	209-484-7678	<a href="mailto:rholmes@ssjid.com">rholmes@ssjid.com</a>
Present	Brandon Nakagawa	South San Joaquin GSA Alternate	209-249-4613	<a href="mailto:bnakagawa@ssjid.com">bnakagawa@ssjid.com</a>
Present	Melvin Panizza	Stockton East Water District Member	209-948-0333	<a href="mailto:melpanizza@aol.com">melpanizza@aol.com</a>
Present	Andrew Watkins	Stockton East Water District Alternate	209-484-8591	<a href="mailto:watkins.andrew@verizon.net">watkins.andrew@verizon.net</a>
	Anders Christensen	Woodbridge Irrigation District Member	209-625-8438	<a href="mailto:widirrigation@gmail.com">widirrigation@gmail.com</a>
		Woodbridge Irrigation District Alternate		

**Eastern San Joaquin Groundwater Authority Staff & Support**

INITIAL	Member's Name	Organization	Phone	Email
<i>Present</i>	Kris Balaji	San Joaquin County	468-3100	<a href="mailto:kbalaji@sigov.org">kbalaji@sigov.org</a>
<i>Present</i>	Fritz Buchman	San Joaquin County	468-3034	<a href="mailto:fbuchman@sigov.org">fbuchman@sigov.org</a>
<i>Present</i>	Matt Zidar	San Joaquin County	953-7460	<a href="mailto:mzidar@sigov.org">mzidar@sigov.org</a>
	Glenn Prasad	San Joaquin County	468-3089	<a href="mailto:grasad@sigov.org">grasad@sigov.org</a>
	Alicia Connelly	San Joaquin County	468-3531	<a href="mailto:aconnelly@sigov.org">aconnelly@sigov.org</a>
	Jessica Jones	San Joaquin County	468-3073	<a href="mailto:jessicajones@sigov.org">jessicajones@sigov.org</a>
	Roy Valadez	San Joaquin County	468-3089	<a href="mailto:rvaladez@sigov.org">rvaladez@sigov.org</a>
<i>Present</i>	Kristy Smith	San Joaquin County	468-0219	<a href="mailto:kmsmith@sigov.org">kmsmith@sigov.org</a>
	Rod Attebery	Neumiller & Beardlee / Legal Counsel	948-8200	<a href="mailto:rattebery@neumiller.com">rattebery@neumiller.com</a>
<i>Present</i>	Monica Streeter	Neumiller & Beardlee / Legal Counsel	948-8200	<a href="mailto:mstreeter@neumiller.com">mstreeter@neumiller.com</a>
<i>Present</i>	<i>Arleth Rayo</i>	<i>SJC</i>		



**EASTERN SAN JOAQUIN  
GROUNDWATER AUTHORITY**

**Joint Exercise of Powers  
Board of Directors Meeting**

**OTHER INTERESTED PARTIES - SIGN-IN SHEET**

Location: Teleconference Call Only Date: 3/10/2021 Time: 10:30 AM

INITIAL	Member's Name	Organization	Phone	Email
Present	Scot Moody	SEWD		
Present	Gerald Schwartz			
Present	Staci Ann	NCWL		
Present	Eric			
Present	Paul Wells	DWR		
Present	Grace Su	EBRms		
Present	Jose Coronado	SJC		
Present	Emily Sheldon	DID		
Present	Bridget Gibbons			
Present	Shelly Abajian			
Present	Jen Spalletta	Atty.		
Present	Osha Meserve			
Present	Linda Dorne			



# EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY

## Memo

**To:** GSA members

**From:** Matt Zidar, Water Resources Manager

**RE:** Ad Hoc Budget Committee and Steering Committee recommended budget and cost allocation

**Date:** June 9, 2021

This memo is to present the proposed FY 21/22 Budget and GSA Cost allocation recommendation of the GWA Steering Committee and the Ad Hoc Budget Committee.

**Background:** The Eastern San Joaquin Groundwater Authority (GWA) Steering Committee formed the Ad Hoc Budget Committee on April 14, 2021, to help evaluate different budget and cost allocation scenarios for the 2021-2022 fiscal year and develop a recommendation to the Steering Committee, who would in turn make a recommendation to the full GWA Board. Two Ad Hoc Budget Committee meetings were held in May and a recommendation was presented to the Steering Committee at their June 2, 2021 meeting. The Steering Committee considered the proposed Ad Hoc Budget Committee recommendation and voted to take the recommendation to the full Board.

## Discussion

The Ad Hoc Budget Committee and Steering Committee used an approach similar to last year's budget development in that they:

- 1) Evaluated known revenue from assured sources (Zone 2, Grant funds, etc.)
- 2) Discussed expenditures in terms of goods and services anticipated from consultants and staff
- 3) Considered three scenarios presented by staff: a Low level of activity (same as FY 20/21), a Medium level of activity (additional outreach, technical studies, project support and grant writing), and a High level of activity (describe incremental difference from medium).
- 4) The difference between the known revenues and planned expenses needed to balance the budget was allocated to the GSAs based on a 60/40 groundwater-population cost allocation approach with an \$8,500 minimum contribution.

For the FY 21/22 budget (July 1, 2021 - June 30, 2022) the three budget scenarios are presented (attached Table 1) showing the Low, Medium and High level of activity. Note that:.

- The only revenue number to vary under each scenario is the amount charged to the GSAs to balance the budget (the difference between known revenues and planned expenses)
- The expenditures that vary between scenarios are related to the level of outreach, project development ( FIRO/FloodMAR/GRAT), and grants and matching fund support.

- 
- Reserves include a carryover from prior fiscal years of \$100,000 that will be apportioned to the reserve account and could be used as a contingency fund by the Board to respond to opportunities.

Staff had recommended including some funds to conduct special studies, respond to grant opportunities, and provide funding in the event of opportunities where matching funds may be required.

The Ad Hoc Budget and Steering Committees are recommending the low level of activity budget and that \$325,000 in costs be allocated to the GSAs in accordance with the cost distribution shown in Table 2, which shows allocated costs to the GSAs based on the 60/40 groundwater pumping/population proportion, factoring in an \$8500 minimum charge to each GSA; and applying Zone 2 revenue on to GSAs in San Joaquin County. Table 2 will be the basis for invoicing the GSAs for their FY 21/22 budget contributions. Table 3 shows a comparison of GSA costs under the Low, Medium and High levels of activity.

While the Low activity level is the lowest cost, it provides limited resources for outreach (for which some have indicated is important to the level of effort), respond to grant or other funding opportunities. Consequently, these activities can only be pursued in the currently fiscal year if alternative revenues are found; the Board approves additional contributions from the GSAs if specific opportunities arise, or funding reserves are utilized.

Attachment: Budget Tables

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**Table 1. FY 2021-22 Budget Scenarios**

Revenue	High Activity		
	FY 21-22	6221100802	
	Contract /ODC	Staff	Total
Interest Income			
GWA GSAs Cost Allocation	\$ 700,000		\$ 700,000
Other Govt Aid From Zone 2	\$ 225,000		\$ 225,000
State (DWR) Sustainable GW Grant	\$ 175,000		\$ 175,000
P68 Implementation Grant	\$ 225,000		\$ 225,000
Rebates & Refunds			\$ -
Carry Over (use of fund balance)	\$ 100,000		
Allocated from FY 20/21 Reserve	\$ 130,000		\$ 130,000
<b>TOTAL REVENUES</b>	<b>\$ 1,555,000</b>		<b>\$ 1,555,000</b>
Expense			
General Office Supplies	\$ 500		\$ 500
Office Expense	\$ 500		\$ 500
Office Supplies-Purch-ISF			\$ -
Website Maintenance	\$ 5,000		\$ 5,000
Advertising			\$ -
Rents Structures & Grounds	\$ 4,800		\$ 4,800
Small Tools & Instruments			\$ -
Postage	\$ 1,000		\$ 1,000
Auditor's Payroll & A/P Charges	\$ 1,000		\$ 1,000
Professional Services PW Admin		\$ 15,000	\$ 15,000
Professional Services Public Outreach	\$ 45,000	\$ 15,000	\$ 60,000
Professional Services GWA Support/Coordination		\$ 25,000	\$ 25,000
<b>Special Studies &amp; Reports</b>			\$ -
WaterSMART Applied Science 2021	\$ 12,500	\$ 7,500	\$ 20,000
Response to DWR Review	\$ 50,000	\$ 15,000	\$ 65,000
2022 Annual Report	\$ 40,000	\$ 5,000	\$ 45,000
Project Development: FIRO/FloodMAR/GRAT	\$ 200,000	\$ 15,000	\$ 215,000
Grants and Matching Fund Support	\$ 150,000	\$ 25,000	\$ 175,000
Prof Services Prop 1 Grant (A-18-01)			\$ -
Professional Services (WC A-18-01) Shallow Wells	\$ 175,000		\$ 175,000
Professional Services (WC A-20-01)			\$ -
A-20-1 Original (TO1). 2020 Annual Report& Support			\$ -
(P 68, TO2) DMS Implementation		\$ 20,000	\$ 20,000
(P 68, TO2) Monitoring Network Expansion Engineering		\$ 7,500	\$ 7,500
(P68, No TO) Monitoring Network Expansion Drilling	\$ 175,000	\$ 10,000	\$ 185,000
TO 3. 2021 Annual Report			\$ -
TO 4 Model Devel & Support	\$ 130,000		\$ 130,000
Professional Services P68 Grant			\$ -
(P68, No TO) Funding and Financing (P68 Impl Grant) (No	\$ 50,000	\$ 7,500	\$ 57,500
County Counsel Legal Services	\$ 5,000		\$ 5,000
Professional Services Counsel	\$ 40,000		\$ 40,000
Reserve- dedication of carry over	\$ 100,000		\$ 100,000
Reserve Costs (\$50K model, \$150K GSP update)	\$ 200,000		\$ 200,000
<b>TOTAL EXPENSES</b>	<b>\$ 1,385,300</b>	<b>\$ 167,500</b>	<b>\$ 1,552,800</b>

		Reserve Balance FY 21/22
Reserve 20/21		\$ 200,000
FY 20/21, Allocated to TO4 model		\$ 130,000
Reserve Balance at end of 2021		\$ 70,000
FY 21/22 Reserve Contribution	\$ 200,000	\$ 270,000
Estimated Carry over bal to Reserve	\$ 100,000	\$ 370,000

Revenue	Medium Activity		
	FY 21-22	6221100802	
	Contract /ODC	Staff	Total
Interest Income			\$ -
GWA GSAs Cost Allocation	\$ 450,000		\$ 450,000
Other Govt Aid From Zone 2	\$ 225,000		\$ 225,000
State (DWR) Sustainable GW Grant	\$ 175,000		\$ 175,000
P68 Implementation Grant	\$ 225,000		\$ 225,000
Rebates & Refunds			\$ -
Carry Over (use of fund balance)	\$ 100,000		
Allocated from FY 20/21 Reserve	\$ 130,000		\$ 130,000
<b>TOTAL REVENUES</b>	<b>\$ 1,305,000</b>		<b>\$ 1,305,000</b>
Expense			
General Office Supplies	\$ 500		\$ 500
Office Expense	\$ 500		\$ 500
Office Supplies-Purch-ISF			\$ -
Website Maintenance	\$ 5,000		\$ 5,000
Advertising			\$ -
Rents Structures & Grounds	\$ 4,800		\$ 4,800
Small Tools & Instruments			\$ -
Postage	\$ 1,000		\$ 1,000
Auditor's Payroll & A/P Charges	\$ 1,000		\$ 1,000
Professional Services PW Admin		\$ 15,000	\$ 15,000
Professional Services Public Outreach	\$ 15,000	\$ 15,000	\$ 30,000
Professional Services GWA Support/Coordination		\$ 25,000	\$ 25,000
<b>Special Studies &amp; Reports</b>			\$ -
WaterSMART Applied Science 2021	\$ 12,500	\$ 7,500	\$ 20,000
Response to DWR Review	\$ 50,000	\$ 15,000	\$ 65,000
2022 Annual Report	\$ 40,000	\$ 5,000	\$ 45,000
Project Development: FIRO/FloodMAR/GRAT	\$ 200,000	\$ 15,000	\$ 215,000
Grants and Matching Fund Support	\$ 150,000	\$ 25,000	\$ 175,000
Prof Services Prop 1 Grant (A-18-01)			\$ -
Professional Services (WC A-18-01) Shallow Wells	\$ 175,000		\$ 175,000
Professional Services (WC A-20-01)			\$ -
A-20-1 Original (TO1). 2020 Annual Report& Support			\$ -
(P 68, TO2) DMS Implementation		\$ 20,000	\$ 20,000
(P 68, TO2) Monitoring Network Expansion Engineering		\$ 7,500	\$ 7,500
(P68, No TO) Monitoring Network Expansion Drilling	\$ 175,000	\$ 10,000	\$ 185,000
TO 3. 2021 Annual Report			\$ -
TO 4 Model Devel & Support	\$ 130,000		\$ 130,000
Professional Services P68 Grant			\$ -
(P68, No TO) Funding and Financing (P68 Impl Grant) (No	\$ 50,000	\$ 7,500	\$ 57,500
County Counsel Legal Services	\$ 5,000		\$ 5,000
Professional Services Counsel	\$ 40,000		\$ 40,000
Reserve- dedication of carry over	\$ 100,000		\$ 100,000
Reserve Costs (\$50K model, \$150K GSP update)	\$ 200,000		\$ 200,000
<b>TOTAL EXPENSES</b>	<b>\$ 1,155,300</b>	<b>\$ 152,500</b>	<b>\$ 1,207,800</b>

	Reserve Balance FY 21/22
	\$ 200,000
	\$ 130,000
	\$ 70,000
	\$ 200,000
	\$ 370,000

Revenue	Minimal Activity		
	FY 21-22	6221100802	
	Contract /ODC	Staff	Total
Interest Income			\$ -
GWA GSAs Cost Allocation	\$ 325,000		\$ 325,000
Other Govt Aid From Zone 2	\$ 225,000		\$ 225,000
State (DWR) Sustainable GW Grant	\$ 175,000		\$ 175,000
P68 Implementation Grant	\$ 225,000		\$ 225,000
Rebates & Refunds			\$ -
Carry Over (use of fund balance)	\$ 100,000		
Allocated from FY 20/21 Reserve	\$ 130,000		\$ 130,000
<b>TOTAL REVENUES</b>	<b>\$ 1,180,000</b>		<b>\$ 1,180,000</b>
Expense			
General Office Supplies	\$ 500		\$ 500
Office Expense	\$ 500		\$ 500
Office Supplies-Purch-ISF			\$ -
Website Maintenance	\$ 5,000		\$ 5,000
Advertising			\$ -
Rents Structures & Grounds	\$ 4,800		\$ 4,800
Small Tools & Instruments			\$ -
Postage	\$ 1,000		\$ 1,000
Auditor's Payroll & A/P Charges	\$ 1,000		\$ 1,000
Professional Services PW Admin		\$ 15,000	\$ 15,000
Professional Services Public Outreach	\$ 15,000	\$ 15,000	\$ 30,000
Professional Services GWA Support/Coordination		\$ 25,000	\$ 25,000
<b>Special Studies &amp; Reports</b>			\$ -
WaterSMART Applied Science 2021	\$ 12,500	\$ 7,500	\$ 20,000
Response to DWR Review	\$ 50,000	\$ 15,000	\$ 65,000
2022 Annual Report	\$ 40,000	\$ 5,000	\$ 45,000
Project Development: FIRO/FloodMAR/GRAT	\$ 200,000	\$ 15,000	\$ 215,000
Grants and Matching Fund Support	\$ -	\$ 10,000	\$ 10,000
Prof Services Prop 1 Grant (A-18-01)			\$ -
Professional Services (WC A-18-01) Shallow Wells	\$ 175,000		\$ 175,000
Professional Services (WC A-20-01)			\$ -
A-20-1 Original (TO1). 2020 Annual Report& Support			\$ -
(P 68, TO2) DMS Implementation		\$ 20,000	\$ 20,000
(P 68, TO2) Monitoring Network Expansion Engineering		\$ 7,500	\$ 7,500
(P68, No TO) Monitoring Network Expansion Drilling	\$ 175,000	\$ 10,000	\$ 185,000
TO 3. 2021 Annual Report			\$ -
TO 4 Model Devel & Support	\$ 130,000		\$ 130,000
Professional Services P68 Grant			\$ -
(P68, No TO) Funding and Financing (P68 Impl Grant) (No	\$ 75,000	\$ 7,500	\$ 82,500
County Counsel Legal Services	\$ 5,000		\$ 5,000
Professional Services Counsel	\$ 40,000		\$ 40,000
Reserve- dedication of carry over	\$ 100,000		\$ 100,000
Reserve Costs (\$50K model, \$150K GSP update)	\$ 200,000		\$ 200,000
<b>TOTAL EXPENSES</b>	<b>\$ 1,030,300</b>	<b>\$ 147,500</b>	<b>\$ 1,077,800</b>

	Reserve Balance FY 21/22
	\$ 200,000
	\$ 130,000
	\$ 70,000
	\$ 200,000
	\$ 370,000

**Table 2 - Low Scenarios, Cost Allocation Based 60/40 w/ Minimum and East Side z2 Adjustment**

	1	2	3	4	5	6	7	8	
						GSA Funding			
GSA	Total Pumping-Projected (AFY)	Population (2017)	Minimum	Pumping	Population	EastSide GSA Non-Zone 2 Adjustment	Total	%	
CDWA	9,611	1,629	\$ 8,500	\$ 1,363	\$ 205	\$ (1,000)	\$ 9,068	2.8%	
CSJWCD	138,809	8,047	\$ 8,500	\$ 19,684	\$ 1,015	\$ (1,000)	\$ 28,199	8.7%	
Eastside SJ GSA	63,500	10,498	\$ 8,500	\$ 9,005	\$ 1,324	\$ 15,000	\$ 33,829	10.4%	
LCSD	1,153	1,558	\$ 8,500	\$ 164	\$ 196	\$ (1,000)	\$ 7,860	2.4%	
LCWD	485	2819	\$ 8,500	\$ 69	\$ 356	\$ (1,000)	\$ 7,924	2.4%	
Lodi	14,520	58,174	\$ 8,500	\$ 2,059	\$ 7,336	\$ (1,000)	\$ 16,896	5.2%	
Manteca	18,985	64,279	\$ 8,500	\$ 2,692	\$ 8,106	\$ (1,000)	\$ 18,299	5.6%	
NSJWCD	146,158	21,977	\$ 8,500	\$ 20,727	\$ 2,772	\$ (1,000)	\$ 30,998	9.5%	
OID	39,952	1,890	\$ 8,500	\$ 5,666	\$ 238	\$ (1,000)	\$ 13,404	4.1%	
SDWA	4,532	7,136	\$ 8,500	\$ 643	\$ 900	\$ (1,000)	\$ 9,043	2.8%	
SEWD	165,025	41,134	\$ 8,500	\$ 23,402	\$ 5,187	\$ (1,000)	\$ 36,090	11.1%	
SJC #1	74,448	16,859	\$ 8,500	\$ 10,557	\$ 2,126	\$ (1,000)	\$ 20,184	6.2%	
SJC #2	8,183	39,779	\$ 8,500	\$ 1,160	\$ 5,017	\$ (1,000)	\$ 13,677	4.2%	
SSJ GSA	60,031	38,080	\$ 8,500	\$ 8,513	\$ 4,802	\$ (1,000)	\$ 20,815	6.4%	
Stockton	23,035	277,120	\$ 8,500	\$ 3,267	\$ 34,948	\$ (1,000)	\$ 45,715	14.1%	
WID GSA	31,238	8,488	\$ 8,500	\$ 4,430	\$ 1,070	\$ (1,000)	\$ 13,000	4.0%	
	<b>799,665</b>	<b>599,467</b>	<b>\$ 136,000</b>	<b>\$ 113,400</b>	<b>\$ 75,600</b>	<b>\$ -</b>	<b>\$ 325,000</b>	<b>100.0%</b>	
							<b>\$ 325,000</b>		

**Table 3 Percentage**

		GW	Pop
	% Split	60%	40%
<b>Low Cost</b>			
Need and without minimum	\$ 325,000	\$ 195,000	\$ 130,000
Balance after Minimum	\$ 189,000	\$ 113,400	\$ 75,600
<b>Minimums total</b>	<b>\$ 136,000</b>		



**Table 4 Comparison of Scenarios**

GSA	Low		Med		High	
	Total	%	Total	%	Total	%
CDWA	\$ 9,068	2.8%	\$ 10,106	2.2%	\$ 12,180	1.7%
CSJWCD	\$ 28,199	8.7%	\$ 41,889	9.3%	\$ 69,269	9.9%
Eastside SJ GSA	\$ 33,829	10.4%	\$ 40,660	9.0%	\$ 54,323	7.8%
LCSD	\$ 7,860	2.4%	\$ 8,098	1.8%	\$ 8,574	1.2%
LCWD	\$ 7,924	2.4%	\$ 8,205	1.8%	\$ 8,766	1.3%
Lodi	\$ 16,896	5.2%	\$ 23,109	5.1%	\$ 35,537	5.1%
Manteca	\$ 18,299	5.6%	\$ 25,441	5.7%	\$ 39,724	5.7%
NSJWCD	\$ 30,998	9.5%	\$ 46,539	10.3%	\$ 77,621	11.1%
OID	\$ 13,404	4.1%	\$ 17,309	3.8%	\$ 25,118	3.6%
SDWA	\$ 9,043	2.8%	\$ 10,063	2.2%	\$ 12,103	1.7%
SEWD	\$ 36,090	11.1%	\$ 54,998	12.2%	\$ 92,815	13.3%
SJC #1	\$ 20,184	6.2%	\$ 28,572	6.3%	\$ 45,349	6.5%
SJC #2	\$ 13,677	4.2%	\$ 17,762	3.9%	\$ 25,933	3.7%
SSJ GSA	\$ 20,815	6.4%	\$ 29,622	6.6%	\$ 47,235	6.7%
Stockton	\$ 45,715	14.1%	\$ 70,989	15.8%	\$ 121,538	17.4%
WID GSA	\$ 13,000	4.0%	\$ 16,638	3.7%	\$ 23,914	3.4%
	<b>\$ 325,000</b>		<b>\$ 450,000</b>		<b>\$ 700,000</b>	



# EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY

## **Memo**

**To:** GSA members

**From:** Matt Zidar, Water Resources Manager

**RE:** Proposed Resolution Rescinding R-20-06 and Adopting a Resolution Authorizing the Secretary of the Eastern San Joaquin Groundwater Authority to Approve Expenditures and Execute Contracts within the Designations and Limitations of the Approved Budget

**Date:** June 9, 2021

## **BACKGROUND**

ESJGWA Board of Directors adopted Resolution R-20-06 on October 14, 2020 authorizing the Board Secretary (Director of Public Works) to amend Master Service agreements adopted by the Board. R-20-06 was unclear regarding the nature and extent of the Secretary of the Board's authority. The original R-20-06 made it appear that only not-to-exceed time extensions to the schedule were to be approved by the Secretary. This was never the intent.

## **DISCUSSION**

Section 5.10 of the ESJGWA Joint Powers Agreement provides "expenditures within the designations and limitations of the applicable approved budget shall be made upon the approval of any officer so authorized by the Authority Board of Directors."

Upon adoption of the GSP, the Board changed to quarterly meetings. The Steering Committee continues to meet monthly. To allow flexibility in contract management and allow the more infrequent Board meetings, the Board would authorize the Secretary to amend existing and adopted professional services agreements through issuance of Task Orders which detail the scope of work, schedule and budget for specific work. The proposed resolution will:

- Rescind Resolution R-20-06
- Designate the Secretary of the Board as the officer authorized to approve expenditures and execute contracts to approved agreements
- Modifications a Secretary may make are limited to schedule (term) or dollar amount as long as the modifications are consistent with the adopted GWA budget and are made in consultation and with concurrence of the Steering Committee.

**Before the Board of Directors of the  
Eastern San Joaquin Groundwater Authority**

**Resolution R-21-XX**

**RESOLUTION RESCINDING R-20-06 AND ADOPTING A RESOLUTION AUTHORIZING THE  
SECRETARY OF THE EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY TO APPROVE  
EXPENDITURES AND EXECUTE CONTRACTSWITHIN THE DESIGNATIONS AND  
LIMITATIONS OF THE APPROVED BUDGET**

WHEREAS, The Eastern San Joaquin Groundwater Authority (ESJGWA) is a joint powers agency created pursuant to California Government Code section 6500 *et seq.*, and

WHEREAS, Section 5.10 of the ESJGWA Joint Powers Agreement provides "expenditures within the designations and limitations of the applicable approved budget shall be made upon the approval of any officer so authorized by the Authority Board of Directors"; and

WHEREAS, the ESJGWA Board of Directors wishes to designate the Secretary of the Board of Directors as the officer authorized to execute contracts and approve expenditures within the approved budget designations and limitations.

WHEREAS, the ESJGWA Board of Directors adopted Resolution R-20-06 on October 14, 2020.

NOW, THEREFORE, BE IT RESOLVED that Resolution R-20-06 is rescinded.

NOW, THEREFORE, BE IT FURTHER RESOLVED that the Board of Directors of the Eastern San Joaquin Groundwater Authority hereby approves and designates, consistent with the provisions of Section 5.10 of the Joint Powers Agreement, the Secretary of the ESJGWA Board of Directors as the officer authorized to approve expenditures and execute contracts within the designations and limitations of the applicable approved ESJGWA budget without prior Board of Directors approval.

NOW, THEREFORE, BE IT FURTHER RESOLVED, the Secretary is authorized to make modifications to any approved agreements. The modifications a Secretary may make are limited to schedule (term) or dollar amount as long as the modifications are consistent with the adopted GWA budget and are made in consultation and with concurrence of the Steering Committee.

The foregoing Resolution was introduced at a regular meeting of the Eastern San Joaquin Groundwater Authority on the 9th day of June 2021. On motion of Director \_\_\_\_\_, seconded by Director \_\_\_\_\_, this Resolution was duly passed by the Board of Directors.

PASSED and ADOPTED this 9th day of June 2021 by the following vote of the Board of Directors of the Eastern San Joaquin Groundwater Authority, to wit:

MOTION:

AYES:

ABSTAIN:

1448480-2



# EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY

## Memo

**To:** GSA members

**From:** Matt Zidar, Water Resources Manager

**RE:** Steering Committee's preliminary DWR comment response plan

**Date:** June 9, 2021

This memo is to present the Steering Committee's preliminary DWR comment response plan discussed at their June 2, 2021 meeting and seek further direction from the GWA Board.

**Background:** The Eastern San Joaquin Groundwater Sustainability Plan (GSP) was submitted to DWR in January 2020. DWR has until January 2022 to provide an official response and comments on the GSP. Staff understands that preliminary comments and consultation may be provided as early as August 2021. The GWA will need a plan and strategy to receive the comments, coordinate with DWR during preliminary consultations, coordinate the GSAs, and prepare consolidated GWA comments.

## Discussion

The DWR comments may be received as early as August 2021, and the GWA Board will not meet until September 2021. The Steering Committee has drafted a preliminary DWR comment and response plan:

- a. When received, DWR comments will be presented to the Steering Committee, who will finalize the response plan will be finalized.
- b. The Steering Committee will coordinate the response with input from the TAC, individual GSAs, and neighboring basins as needed.
- c. The Steering Committee and TAC will schedule single purpose meeting or meetings to consider the comments and a response.
- d. Each GSA will work with their staff and legal counsel to formulate their own comments and responses and bring their input to the Steering Committee and TAC meetings.
- e. Staff and consultants will consolidate and compile GSA comments and draft a joint response for the basin. The draft joint response will be presented to the Steering Committee, who would then recommend a joint response to the Board.
- f. The GWA will adopt a joint response for the basin. It is recognized that there may be minority responses that should be acknowledged or reconciled, a need for individual GSAs to respond to specific DWR comments, and independent GSA responses may be submitted to DWR.



## Sustainable Groundwater Management Act Plan Evaluation Pathways

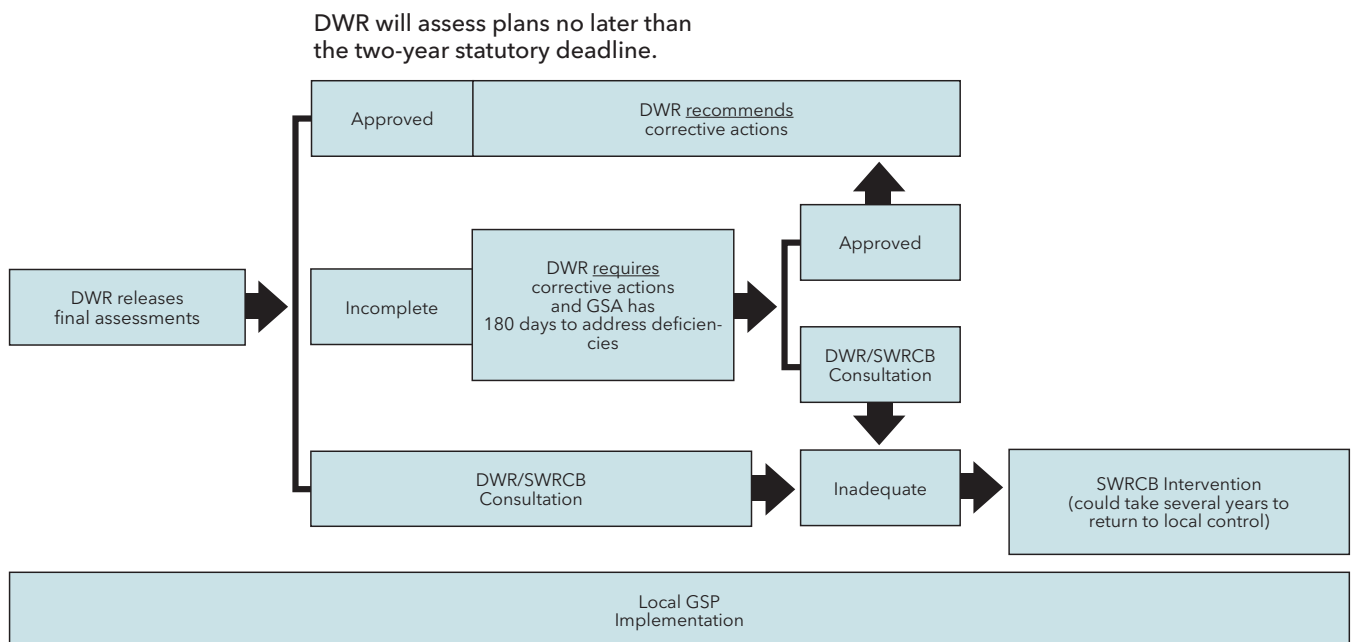
The Sustainable Groundwater Management Act (SGMA) recognizes that groundwater resources are most effectively managed at the local level. The law calls for local groundwater agencies to work with groundwater users to develop and implement Groundwater Sustainability Plans (GSPs) that achieve groundwater reliability over 20 years. GSPs are roadmaps for how local agencies will ensure that groundwater resources are reliable for their communities over the long term.

SGMA directs the Department of Water Resources (DWR) to evaluate GSPs to determine if the plans are based on the best available science and information and reasonably likely to achieve the basin’s sustainability goals. Evaluations are based on specific criteria outlined in the regulations. Where there are multiple GSPs per basin or subbasin, SGMA requires that plans are coordinated and jointly submitted. In such cases, DWR will provide a single assessment.

DWR’s evaluation of GSPs will result in three potential determinations:

- Approved
- Incomplete
- Inadequate

### SGMA GSP Pathways



DWR will continue to review GSPs and track performance over time, including reviewing initial plans when they are submitted, reviewing annual reports, and evaluating five-year plan updates.

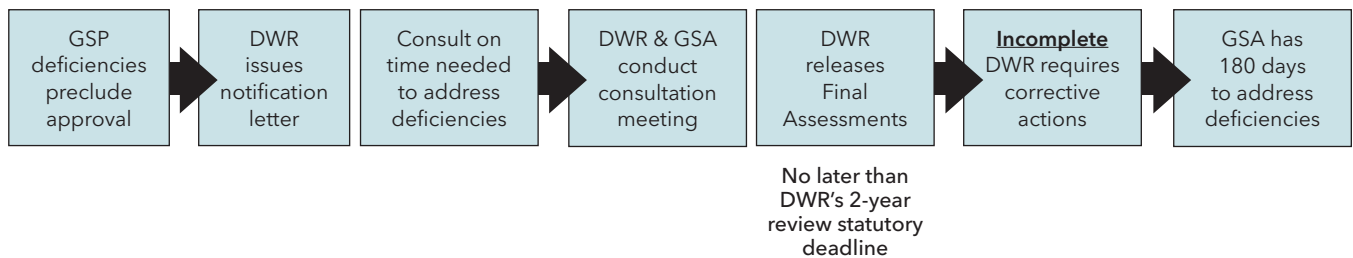
### ***Approved plans with recommended corrective actions***

A plan “approved with recommended corrective actions” is overall a good plan. However, it might need some additional information or clarification. The recommendations for further details or clarifications in this type of plan do not affect DWR’s ability to determine if the plan is reasonably likely to achieve groundwater sustainability within 20 years. Corrective actions should be incorporated before the next five-year plan update.

### ***Incomplete plans with a required corrective action***

A plan is determined to be “incomplete with a required corrective action” if it is missing information that DWR must have to determine if it complies with SGMA, including whether sustainability can be reached within 20 years. The GSA must address the plan deficiencies within 180 days and resubmit that information to DWR. If the information gaps cannot be addressed within that timeframe, the plan could subsequently be determined inadequate. Before DWR determines if a GSP is incomplete with a required corrective action, DWR will inform the GSA about the potential designation and what gaps need to be addressed. DWR will then meet with the GSA to review how much time the basin will need to address the deficiencies, and if there are opportunities for DWR, the State Water Resources Control Board (State Water Board), or other agencies or organizations to provide planning, technical, or financial assistance.

### ***Incomplete Process***



### ***Inadequate plans***

A GSP deemed “inadequate” has significant gaps that will take more than 180 days for the GSA to address. An inadequate plan can trigger the state intervention process, which authorizes the State Water Board to step in to manage the basin.

After notice and a public hearing, the State Water Board can designate the basin as probationary. If the deficiencies identified in the probationary designation are not remedied within a year, the State Water Board, after a subsequent notice and hearing, may develop and adopt an interim plan to manage groundwater use in the basin.

An interim plan is a temporary measure to protect groundwater resources in the basin until local public agencies are willing and able to manage the basin sustainably.



## May 2021 DWR Updates (from DWR's North Central Region Office)

### Grants

#### California Grants Portal

The California State Library, in partnership with the Department of Water Resources and other state grantmaking agencies, has launched the California Grants Portal – your one destination to find all state grant and loan opportunities provided on a first-come or competitive basis. Visit [grants.ca.gov](https://grants.ca.gov) to find funding opportunities for you and your community.

#### **SWRCB Division of Financial Assistance (DFA): Funding for O&M costs for DAC's treating contaminated groundwater**

DFA is working on a new program to fund the operations and maintenance (O&M) costs of specific disadvantaged community (DAC) drinking water systems over three to five years. There is up to approximately \$27.5 million in remaining Proposition 68 Groundwater funds that may be used for this purpose. For consistency with Proposition 68 requirements, the program will be focused on systems that are treating contaminated groundwater. If your organization would like to participate in this important effort to support DAC systems, the first step is to submit a Letter of Interest by **July 12, 2021**. The [Request for Letters of Interest](#) has more information.

#### **CalEPA: [Environmental Justice Small Grants Program](#)**

These grants may be up to \$50,000. Applications are due **June 30, 2021**. Projects objectives may include:

- Disseminating information about environmental challenges and decision making processes
- Enhancing local capacity to respond, adapt and prepare for climate change impacts
- Ensuring safe drinking water
- Guarding against toxic exposures and increasing resource conversation locally
- Designing and implementing collaborative efforts to preserve the State's natural and cultural resources with an emphasis on traditional ecological knowledge and tribal sciences

#### **UC Berkeley: Funding Opportunity for Government Innovators**

[The People Lab](#) at UC Berkeley invites applications from government agencies and nonprofits across California to co-design and test innovative policy ideas that have the potential to meaningfully improve the lives of Californians. Grant awards will include 2 years of technical support from UC Berkeley's The People Lab and \$100,000 - \$150,000 for project implementation. **Applications are due June 15<sup>th</sup>**, and [more info can be found here](#).

#### **DWR: Prop 68 Round 1 Groundwater Implementation Grant FINAL awards announced**

The Department of Water Resources (DWR) is pleased to release the final award recommendation for the Sustainable Groundwater Management (SGM) Grant Program's Proposition 68 Implementation – Round 1 grant solicitation. The awards will provide \$26 million in Proposition 68 grant funding to 6 Awardees. DWR received 15 applications requesting a total of approximately \$70 million in grant funds and approximately \$36.5 million in Local Cost Share. For additional information can be found on the SGM Grant Program [website](#).

#### **Rural Community Assistance Corporation (RCAC): Free well assessments for private well owners**

Assessments include inspection and vulnerability assessment, potential contamination source identification, well construction inspection, water quality screening for nitrate, a written report with recommendations. To register contact Jerry Tinoco at (661) 401-1857 • [jtinoco@rcac.org](mailto:jtinoco@rcac.org) or [register online](#).

#### **US EPA making \$6.5 billion available for water infrastructure grants**

The funding from the EPA's [Water Finance and Innovation Act](#) program will go to projects in five priority categories including economically stressed communities and aging infrastructure. Details are available in [this news release](#).



## May 2021 DWR Updates (from DWR's North Central Region Office)

Other state & federal grant websites for resources that may be helpful are:

- California Financing Coordinating Committee -- <https://cfcc.ca.gov/>, and
- CalOES grants -- <https://www.caloes.ca.gov/cal-oes-divisions/grants-management>
- US EPA -- <https://www.epa.gov/grants/specific-epa-grant-programs>, and
- Economic Development Administration -- <https://eda.gov/funding-opportunities/>
- The rollout webinars of FEMA's new grant, Building Resilient Infrastructure and Communities (risk reduction), started in July 2020 and can be found at: <https://www.fema.gov/bric>

### Upcoming conferences, webinars, new reports and data

Gov. Gavin Newsome has expanded the emergency drought order to cover 41 counties (5/10/21)

[Drought proclamation for Mendocino and Sonoma Counties \(April 21, 2021\)](#)

[Drought proclamation for 39 additional Counties \(May 10, 2021\)](#)

### Workshop on Groundwater Accounting Framework

Collaborative efforts are underway among the Department of Water Resources (DWR), the State Water Resources Control Board (Water Board), the Consortium and EDF to develop a groundwater accounting platform. Use of the platform will be voluntary. A workshop will be held **June 23 from 11 - 12:30** to share ideas on how platform features and design can best accommodate local needs. You can [register for the workshop here](#).

### Water Board: Drinking water needs assessments

For the first time, the State Water Resources Control Board has completed a comprehensive look at California water systems that are struggling to provide safe drinking water. [The needs assessment](#) identifies failing water systems and those at risk of failing. It also offers the most in-depth view of long-term drinking water safety the state has ever had. Details are available in this [news release](#).

### SWRCB Releases 2012-2019 Public Water Supply Datasets

The State Water Resources Control Board's Division of Drinking Water has [released the latest round of electronic annual report datasets](#) from public drinking water systems. The release covers reporting years 2012–2019, including more than 7 million records for reporting year 2019.

### DWR has formed a technical advisory committee for the update of California Well Standards

The TAC has 67 members from broad backgrounds. They will meet from March 2021 to March 2022. We anticipate the Public Review Draft will be released in September 2022, followed by the Final Well Standards in December 2022. Those interested listening into TAC meetings or providing suggestions may email: [Bulletin74@water.ca.gov](mailto:Bulletin74@water.ca.gov). More information [here](#).

### U.S. Bureau of Reclamation: New Data sharing webpage

The U.S. Bureau of Reclamation has released the new Reclamation Information Sharing Environment (RISE) website. It provides access to Reclamation's water-related data. The site includes maps to help search for data in a particular area. There is also a catalog offering access to datasets and time-series data. <https://data.usbr.gov/>

### Flood-MAR (Managed Aquifer Recharge)

A kickoff meeting to establish a Flood-MAR network was held December 10<sup>th</sup>, 2020 and a second meeting was held March 5<sup>th</sup>, 2021. There is also an ongoing [Lunch-MAR monthly speaker series](#). If you are interested in attending or getting involved please email [Jennifer.Marr@water.ca.gov](mailto:Jennifer.Marr@water.ca.gov) (916) 651-9229 to be added to the calendar invite. To join the [Flood-MAR listserv follow this link](#).

## May 2021 DWR Updates (from DWR's North Central Region Office)

### SGMA

#### **New Outreach and Educational Materials Available**

DWR's [SGMA Assistance and Engagement webpage](#) has added new communication and engagement toolkit items including:

- A new video – [Groundwater: California's Vital Resource](#) now available in [English](#), [Spanish](#), [Punjabi](#), and [Hmong](#)
- A Story Map for a non-technical audience – [Groundwater: Understanding and Managing this Vital Resource](#)
- [Guidance on Engaging and Communicating with Underrepresented Groundwater Users](#)
- [SGMA Communications: Media Relations and Social Media](#), including [DWR's Groundwater Media Contacts](#)
- "DWR's Assistance Role in Groundwater Management" video: [English](#) and [Spanish](#)

#### DWR Releases Draft California's Groundwater – Update 2020

DWR has released the [draft California's Groundwater – Update 2020 \(Bulletin-118\)](#), containing information on the condition of the State's groundwater. DWR encourages community members and water managers to review the publication and provide input. The final document is expected to be released summer of 2021.

- Informational Video: [English](#), [Spanish](#)
- Fact Sheet: [English](#), [Spanish](#)
- FAQ: [English](#), [Spanish](#)
- [California's Groundwater Online](#)
- General Information Video: [Groundwater: California's Vital Resource](#)
- [English](#), [Spanish](#) recordings of Public Webinar

#### California Groundwater Conditions Update Report and Maps Available

The [California Groundwater Conditions Update – Spring 2020](#) report and accompanying [maps](#) are available on the DWR website and present a summary of groundwater level data. The report and maps include a discussion of groundwater level trends with multi-year comparisons which can assist with the development of Groundwater Sustainability Plans (GSPs).

#### **CASGEM to Monitoring Network Module Transition Frequently Asked Questions Available**

The [CASGEM to Monitoring Network Module Transition Frequently Asked Questions](#) (FAQ) document covers questions related to the Groundwater Monitoring Law, the California Statewide Groundwater Elevation Monitoring (CASGEM) Program, a GSP's required monitoring, the SGMA Portal's Monitoring Network Module (MNM), and a basin's or subbasin's transition from the CASGEM Online System to the SGMA Portal's Monitoring Network Module .

#### SGMA Water Year Type Dataset Now Available

In the dataset, the water years are labeled as wet, above normal, below normal, dry, or critical based on the amount of precipitation during that water year and the previous one. The information is available for all California watersheds except those underlying the Sacramento River and San Joaquin River Hydrologic Regions since that information is already available. [Data](#) and a [development report](#) are now available.

#### February 18<sup>th</sup> Webinar: Joint DWR-State Water Board General SGMA Webinar on Groundwater Sustainability Planning

The Department of Water Resources (DWR) and the State Water Resources Control Board held a virtual General Sustainable Groundwater Management Act (SGMA) A [video recording of the meeting](#) is available on YouTube and will be posted to the DWR website, along with additional materials, in the near future.

#### Dry Well Reporting Site

There is a website available to report private wells going dry at <https://mydrywatersupply.water.ca.gov/report/>  
This information reported to this site is intended to inform state and local agencies on drought impacts on

## May 2021 DWR Updates (from DWR's North Central Region Office)

household water supplies. The Household Water Supply Shortage Reporting System was first created as part of our emergency response efforts to previous droughts, and we are continuing to gather information relating to shortages of household water from private well or surface water sources.

### SVSim Beta Model Released

DWR has released the beta version of the [Sacramento Valley Groundwater-Surface Water Simulation Model \(SVSim\)](#) that can be used during GSP development. Instructions for use are included in the [Roadmap to Running SVSim](#) document.

### C2VSim Fine Grid Update Published April 2021

DWR has released an update to the Fine-Grid California Central Valley Groundwater-Surface Water Simulation (C2VSimFG) Model, which can be used by Groundwater Sustainability Agencies (GSAs) developing water budgets for their GSPs. [C2VSimFG Version 1.01](#) utilizes the latest version of the Integrated Water Flow Model software and corrects minor errors in the model files. These updates do not significantly affect the overall model calibration; however, resulting changes to simulated groundwater levels may vary by basin.

### Draft Handbook for Water Budget Development

The handbook has been posted on the SGMA webpage and can be [viewed at the following link](#) under the “reports” tab. A recent webinar discussing the handbook with a deeper dive on 4 topics [can be viewed here](#).

### DWR is developing eight Proposition 68-funded technical projects

These projects include airborne electromagnetic surveys, improving groundwater elevation and quality monitoring networks, Statewide land use data collection, improved subsidence monitoring network, installing and maintaining stream gauges, maintaining and enhancing statewide well completion reports, managing and reporting sustainable groundwater information, and enhancing and maintaining DWR's modeling tools. Fact sheets on each project can be viewed under the “Prop 68” tab [here](#).

- [AEM webpage](#) contains information on the how the process works, safety, schedule, data submission by GSAs, TAC, pilot study data and more. Public webinar will be held **June 8<sup>th</sup> 12:00 – 1:00**. [Register here](#).
- [New 2018 Statewide Crop Mapping data dataset](#) builds on the 2014 and 2016 statewide crop mapping datasets DWR previously released and includes multi-cropping information. The 2018 dataset includes agricultural land use and urban boundaries for all 58 counties in California.

### Facilitation Support Services (FSS): [Funding still available](#)

- GSA's developing GSPs are eligible to receive funding for identification and engagement of interested parties, meeting facilitation, interest-based negotiation/consensus building, and public outreach facilitation
- More information [can be found here](#). [New written translation services available in 10 languages for outreach materials \(5,000 word maximum\)](#).

**Table A-1. Summary of Implementation Progress of GSP Projects and Management Actions**

Activity	Project Type	Project Proponent	Current Status	Schedule (initiation and completion)	Status
Project 1: Lake Grube In-lieu Recharge	In-lieu Recharge	SEWD	Can be implemented immediately	2020-2022	The Project is pending approval of a Clean Water Act Section 401 permit from the State Water Resources Control Board. All other permits have been acquired, and the Project is ready for construction.
Project 2: SEWD Surface Water Implementation Expansion	In-lieu Recharge	SEWD	Implementation phase	2019-2029	The Project is progressing from the advanced planning stage to the initial implementation phase. One customer has converted from groundwater to surface water use, and a second customer conversion is in progress. During WY 2021, the SEWD plans to continue constituent outreach efforts and address the necessary improvements to facilitate future conversions to surface water.
Project 3: City of Manteca Advanced Metering Infrastructure	Conservation	City of Manteca	Currently underway	2019-2021	The Project status information presented in the GSP is up to date. Project implementation did not occur during WY 2020 due to delays as a result of COVID-19, staff shortages, and lack of funding. Updates regarding activity progress will be included in future Annual Reports.
Project 4: City of Lodi Surface Water Facility Expansion & Delivery Pipeline	In-lieu Recharge	City of Lodi	Planning phase	2030-2033	The Project status information presented in the GSP is up to date. Project implementation did not occur during WY 2020 since implementation is not planned until 2030. Updates regarding activity progress will be included in future Annual Reports.
Project 5: White Slough Water Pollution Control Facility Expansion	Recycling/ In-lieu Recharge	City of Lodi	Construction complete	2019-2020	The Project status information presented in the GSP is up to date. The Project is complete.
Project 6: CSJWCD Capital Improvement Program	In-lieu Recharge	CSJWCD	Can be implemented immediately	2020-2027, on-going with 7-year completion cycles	The Project status information presented in the GSP is up to date. The Project has been implemented and is on-going each year of available water delivery. Updates regarding activity progress will be included in future Annual Reports.

Activity	Project Type	Project Proponent	Current Status	Schedule (initiation and completion)	Status
Project 7: NSJWCD South System Modernization	In-lieu Recharge	NSJWCD	Environmental review is complete, funding has been sought and a landowner improvement district formed	2018-2023	This Project is progressing. The new pump station was completed in 2019. Variable frequency drive (VFD) and automation equipment were added in 2020. A new distribution box was constructed in Fall 2020, and meters and automation for the new distribution box are currently being added. The Project did not operate in irrigation season 2020 as there was no water available. During WY 2021, NSJWCD will continue to improve the pipeline and assist landowners with connections. A new Pixley lateral will be constructed as well as a second pump station off Pixley Slough for landowner diversions. An additional distribution box and lateral work is scheduled for 2022-2023 with existing funds from a Proposition 1 grant. NSJWCD applied for two WaterSMART grants in 2020; one was not awarded, and award decision for the second one is pending.
Project 8: Long-term Water Transfer to SEWD and CSJWCD	Transfers/ In-lieu Recharge	SSJ GSA	Infrastructure is in place. Environmental Review may need to be implemented	2019-2021	The Project status information presented in the GSP is up to date. Because Project implementation is subject to water availability based on hydrologic conditions, Project implementation did not occur during WY 2020 as it was a dry year. Updates regarding activity progress will be included in future Annual Reports.
Project 9: BNSF Railway Company Intermodal Facility Recharge Pond	Direct Recharge	CSJWCD	Planning phase	2020-2023	The Project status information presented in the GSP is up to date. Project implementation did not occur during WY 2020 due to delays as a result of the COVID-19 pandemic. CSJWCD plans to move forward with the Project during WY 2022. Updates regarding activity progress will be included in future Annual Reports.
Project 10: City of Stockton Advanced Metering Infrastructure	Conservation	City of Stockton	Initial study completed in 2011	2020/25-2025/28	During WY 2020, the Project's concept analysis and schedule were updated and included in City of Stockton Municipal Utilities Department's (MUD's) Capital Improvement Program (CIP) 2025 schedule.

Activity	Project Type	Project Proponent	Current Status	Schedule (initiation and completion)	Status
Project 11: South System Groundwater Banking with East Bay Municipal Utilities District (EBMUD)	In-lieu Recharge	NSJWCD	Agreement is in place; parties need to finalize design. Environmental review and permitting needed	2020-2025	NSJWCD and EBMUD operated the pilot DREAM Project in Fall 2019. The pilot DREAM Project was not operated in 2020 due to lack of water availability. Facilities to complete the Project are currently under construction and are expected to be complete by Fall 2021.
Project 12: NSJWCD North System Modernization/Lakso Recharge	In-Lieu Recharge/ Direct Recharge	NSJWCD	Planning phase	2021-2026	Project planning is advancing. In December 2020, NSJWCD hired an engineering consultant to prepare design plans and a cost estimate to apply for the Proposition 68 grant application. The Project was not awarded Proposition 68 funding.
Project 13: Manaserro Recharge Project	Direct Recharge	NSJWCD	Planning phase	2019-2022	The Project status information presented in the GSP is up to date. A landowner workshop was held in December 2019, and newsletters were sent out. Project implementation did not occur during WY 2020 due to both lack of funding and lack of staff resources to complete the plans and move the projects forward.
Project 14: Tecklenburg Recharge Project	Direct Recharge	NSJWCD	Planning phase	2020-2023	The Project status information presented in the GSP is up to date. A landowner workshop was held in December 2019, and newsletters were sent out. Project implementation did not occur during WY 2020 due to both lack of funding and lack of staff resources to complete the plans and move the projects forward.
Project 15: City of Escalon Wastewater Reuse	Recycling/ In-lieu Recharge/ Transfers	SSJ GSA	Planning phase	2020-2028	The Project status information presented in the GSP is up to date. Project implementation did not occur during WY 2020 as it is in the early conceptual stages and requires additional feasibility analysis and long-term planning. Updates regarding activity progress will be included in future Annual Reports.

Activity	Project Type	Project Proponent	Current Status	Schedule (initiation and completion)	Status
Project 16: City of Ripon Surface Water Supply	In-lieu Recharge	SSJ GSA	Design complete; environmental permitting underway	2020-2024	The Project status information presented in the GSP is up to date. Project implementation did not occur during WY 2020 as it requires additional feasibility analysis and long-term planning. Updates regarding activity progress will be included in future Annual Reports.
Project 17: City of Escalon Connection to Nick DeGroot Water Treatment Plant	In-lieu Recharge	SSJ GSA	Conceptual design phase; environmental review complete	2020-2023	The Project status information presented in the GSP is up to date. Project implementation did not occur during WY 2020 as it requires additional feasibility analysis and long-term planning. Updates regarding activity progress will be included in future Annual Reports.
Project 18: Farmington Dam Repurpose Project	Direct Recharge	SEWD	Preplanning phase with reconnaissance study complete	2030-2050	The Project status information presented in the GSP is up to date. Project implementation did not occur during WY 2020 as SEWD dedicated resources to bring short-term projects online first. Updates regarding activity progress will be included in future Annual Reports.
Project 19: Recycled Water Transfer to Agriculture	Recycling/Transfers/ In-lieu Recharge	City of Manteca	Planning phase with evaluation completed in Draft Reclaimed Water Facilities Master Plan	Not determined	The Project status information presented in the GSP is up to date. Project implementation did not occur during WY 2020 due to delays as a result of COVID-19, staff shortages, and lack of funding. Updates regarding activity progress will be included in future Annual Reports.
Project 20: Mobilizing Recharge Opportunities	Direct Recharge	San Joaquin County	Early conceptual planning phase	Not determined	The Project status information presented in the GSP is up to date. Funding for this project is being sought. Regionwide surface water availability discussions are being held, and options to potentially rescope this project to leverage available surface water, along with future acquisition of County’s water rights, will be explored. Updates regarding activity progress will be included in future Annual Reports.

Activity	Project Type	Project Proponent	Current Status	Schedule (initiation and completion)	Status
Project 21: NSJWCD Winery Recycled Water	Recycling/ In-Lieu Recharge/ Direct Recharge	NSJWCD	Conceptual planning and discussion	2025-2027	The Project status information presented in the GSP is up to date. Project implementation did not occur during WY 2020 due to both lack of funding and lack of staff resources to complete the plans and move the projects forward.
Project 22: Pressurization of SSJID Facilities	Conservation	SSJ GSA	Feasibility study complete	2019-2030	SSJID is currently preparing a Water Master Plan to guide investments in capital projects to improve the level of service for irrigation customers and ensure SSJID's delivery system remains viable into the future. While the prospect of full pressurization for the entire District appears to be out of reach at this time, improvements that result in partial pressurization are also being considered. SSJID continues to fund capital improvements that accommodate micro-irrigation systems making these projects part of SSJID's annual CIP and could be expanded as a result of the Water Master Plan. Improvements such as cut-down pour over walls, float valves, and remote sensors create a system where downstream control has particularly enhanced the service level for customers converting to micro-irrigation from traditional flood irrigation and allows for the conservation of water for local transfers or new irrigation customers. The Water Master Plan is expected to be complete in 2021.
Project 23: SSJID Storm Water Reuse	Storm Water/ In-lieu Recharge/ Direct Recharge	SSJ GSA	Planning phase	2027-2030	The Project status information presented in the GSP is up to date. Project implementation did not occur during WY 2020 since implementation is not planned until 2030. SSJID continues to fund capital improvements to make this Project part of SSJID's annual CIP and could be expanded as a result of the Water Master Plan. Updates regarding activity progress will be included in future Annual Reports.



Activity	Project Type	Project Proponent	Current Status	Schedule (initiation and completion)	Status
Mokelumne River Loss Study	Model Refinement and Validation	NSJWCD	Conceptual planning and discussion	2020-2025	The Project status information presented in the GSP is up to date. Project implementation did not occur during WY 2020 due to both lack of funding and lack of staff resources to complete the plans and move the projects forward.
Monitoring and recording of groundwater levels and groundwater quality data	Monitoring and Reporting	Implemented at Subbasin scale	Ongoing	2020-2040	The Project status information presented in the GSP is up to date. This is the second Annual Report that reports groundwater level and groundwater quality monitoring data. Updates regarding activity progress will be included in future Annual Reports.
Maintaining and updating the Subbasin Data Management System (DMS) with newly collected data	Monitoring and Reporting	Implemented at Subbasin scale	Ongoing	2020-2040	The Project status information presented in the GSP is up to date. The DMMs was maintained and updated to include monitoring data for WY 2020. Updates regarding activity progress will be included in future Annual Reports.
Annual monitoring of progress toward sustainability	Monitoring and Reporting	Implemented at Subbasin scale	Ongoing	2020-2040	The Project status information presented in the GSP is up to date. This is the second Annual Report that monitors the progress toward sustainability. Updates regarding progress toward sustainability will be included in future Annual Reports.
Annual reporting of Subbasin conditions to DWR as required by SGMA	Monitoring and Reporting	Implemented at Subbasin scale	Ongoing	2020-2040	The Project status information presented in the GSP is up to date. This is the second Annual Report that describes the current conditions in the Subbasin and will be submitted to DWR as required by SGMA. Updates regarding Subbasin conditions will be included in future Annual Reports.

Activity	Project Type	Project Proponent	Current Status	Schedule (initiation and completion)	Status
Addressing Data Gaps	Monitoring and Reporting	San Joaquin County	Ongoing	2020-2040	During WY 2020, San Joaquin County made progress towards addressing data gaps in the Subbasin. Implementation activities included siting 8 shallow monitoring wells to address data gaps relative to interconnected surface water, and preliminary siting of 2 clustered or nested monitoring wells in the northwestern portion of the Subbasin to address data gaps relative to the Delta.

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