Cosumnes Groundwater Authority

Meeting of the Board of Directors Agenda

When: 9:00 am, Monday, November 29, 2021

Where: Community Conference Room, Galt Police Department

455 Industrial Dr Galt, CA 95632

or

Via Zoom: https://us02web.zoom.us/j/81642934711

Meeting ID: 816 4293 4711 Call in Number: 1-669-900-9128

PUBLIC COMMENT – Any member of the public may address the Board concerning any matter on the agenda before or during its consideration of the matter. Public comment is limited to three (3) minutes per person. For good cause, the Board Chair may waive these limitations.

ACCESSIBILITY - If you have a disability and require a reasonable accommodation to fully participate in this event, please contact Austin Miller (Sloughhouse RCD District Manager) before November 29, 2021 via email [info@SloughhouseRCD.org] or telephone [916-526-5447] to discuss your accessibility needs.

Call to Order

- 1. Introductions
- 2. Determine if Quorum is Present

Action Items

- 3. Joint Exercise of Powers Agency Formation Requirements and Initial Tasks:
 - a. Meeting Procedures
 - b. Formation Requirements
- 4. Board Administration:
 - a. Election of CGA Board Officers

i.Chair

ii.Vice-Chair

- b. Committees of the Board
- c. Selection of Legal Counsel for Cosumnes Groundwater Authority
- 5. Financial Management:
 - a. Initial Funding Agreement and Advanced Payments
 - b. Resolution 2021-1: Appointment of Secretary & Treasurer
- 6. Staffing & Support:
 - a. Staff Support Agreements

- b. Dept. of Water Resources Facilitation Support Services Grant Application
- 7. Water Conservation Technical Assistance Efforts
- 8. Resolution 2021-2: EKI Contract for Annual Report
- 9. Future Meeting Dates and Location
 - a. Resolution 2021-3: Setting the Regular Time and Place for Board Meetings
 - Next Meeting: December 15, 2021, at 9:00 am
 - Standing Meetings: 4th Wednesday of the month at 9:00 am
 - b. Resolution 2021-4: Making Findings Related to Remote Meetings Pursuant to AB 361

Informational Items

- 10. Cosumnes Subbasin Watershed Coordinator Report
- 11. Upcoming Agenda Items
- 12. Director Comments

Public Comment on Non-Agenda Items

Comment will be received at this time for items not on the agenda, but within the jurisdiction of the agency. The Board will hear comment but may not take action on issues raised on non-agenda items. Limit of 3 minutes per speaker.

Adjourn Meeting

Agenda Item #1

Cosumnes Groundwater Authority

CGA Board of Directors:

GSA	Representative		
Amador County Groundwater Management	Representative:	Gary Thomas	
Authority GSA	Alternate:	Rick Ferriera	
Clay Water District GSA	Representative:	Rick Whole	
	Alternate:	Gary Silva	
City of Galt GSA	Representative:	Jay Vandenburg	
	Alternate:	Mike Selling	
Galt Irrigation District GSA	Representative:	Leo VanWarmerdam	
	Alternate:	John Mulrooney	
Omochumne-Hartnell Water District GSA	Representative:	Mark Stretars	
	Alternate:	Kurt Kautz	
County of Sacramento GSA	Representative:	Don Notolli	
	Alternate:	Linda Dorn	
Sloughhouse Resource Conservation District	Representative:	Lindsey Liebig	
GSA	Alternate:	Herb Garms	

Key Staff Contact Information:

Austin Miller

- Sloughhouse RCD, District Manager
- 916-526-5447
- Austin@SloughhouseRCD.org

Stephen Julian

- Cosumnes Subbasin Watershed Coordinator
- 254-640-0155
- Stephen@WackmanConsulting.com

Agenda Item #5a

COSUMNES SUBBASIN GROUNDWATER SUSTAINABILITY AGENCIES INITIAL FUNDING AND REVENUE AGREEMENT FOR IMPLEMENTATION OF A GROUNDWATER SUSTAINABILITY PLAN

Exhibit 1: Cosumnes Groundwater Authority Fiscal Year 2021-2022 Expenses Year One Groundwater Sustainability Plan Implementation

Expense	JPA Expense Amount	DOC-DWR Grants
		SAFCA Contribution
Establish Organization	\$25,000	
Prepare DWR Grant*	\$35,000	\$5,000
Monitoring	\$30,000	
Data Management System	\$15,000	
Public Outreach*	-	\$10,000
GSA Coordination	\$20,000	
Legal	\$30,000	
Financial Audit	\$20,000	
Personnel	\$90,000	
Data Gaps	\$25,000	
Annual Report	\$53,000	
Contingency	\$1,185	
Post-GSP Fee Establishment	\$100,000	
Voluntary Fallowing*	-	\$15,000
Ag-MAR**	-	\$160,000
GW Banking***	-	\$40,000
Total	\$444,185	\$230,000

^{*} Department of Conservation (DOC) Grant Funding

^{**} DOC, DWR Sustainable Groundwater Management Office Grants, and Sacramento Area Flood Control Agency (SAFCA) Contribution

^{***} DOC Grant, SAFCA Contribution

Agenda Item #5a

COSUMNES SUBBASIN GROUNDWATER SUSTAINABILITY AGENCIES INITIAL FUNDING AND REVENUE AGREEMENT FOR IMPLEMENTATION OF A GROUNDWATER SUSTAINABILITY PLAN

Exhibit 2: Cosumnes Groundwater Authority Fiscal Year 2021-2022 GSA Estimated Revenue and Contributions Other DOC/DWR Grants and SAFCA Contributions

GSA	Estimated Revenue and Contribution Amount		
City of Galt	\$15,000		
Amador Groundwater Authority	\$5,000		
Galt Irrigation District	\$161,807		
Clay Water District	\$21,889		
Omochumne-Hartnell Water District	\$24,893		
Sloughhouse Resource Conservation District	\$150,762		
County of Sacramento	\$64,834		
Total JPA Revenue/Contributions	\$444,185		
<u>OTHER</u>	Estimated Amount		
SAFCA Contributions and DOC/DWR grants	\$230,000		
Total	\$674,185		

Agenda Item #5b

BOARD OF DIRECTORS COSUMNES GROUNDWATER AUTHORITY

RESOLUTION NO. 2021-1

DESIGNATING A SECRETARY AND TREASURER OF THE AUTHORITY

WHEREAS, pursuant to Section 4.2(d) of the Join the Cosumnes Groundwater Authority (Agreemen a Secretary, who shall keep the records of the Authoritys, among other duties; and	t), the Board of Directors is required to appoint		
WHEREAS, also pursuant to Section 4.2(d) of the required to appoint a Treasurer, who shall be respondently, and for paying the bills of the Authority duties; and	onsible for maintaining the funds of the		
WHEREAS, the Secretary and Treasurer position need not be a member of the governing Board of a			
WHEREAS, the Board of Directors intends to descarrying out the work of the Authority, each of whe pursuant to the Agreement.			
NOW, THEREFORE, THE BOARD OF DIRECT GROUNDWATER AUTHORITY DOES HERE			
1. <u>Recitals</u> . The Recitals set forth above this Resolution by this reference.	e are true and correct and are incorporated into		
2. <u>Designation of Secretary</u> . Pursuant to Section 4.2 (d) of the Agreement, is hereby appointed the Secretary of Authority.			
3. <u>Designation of Treasurer</u> . Pursuant to is hereby appointed the Secret	to Section 4.2 (d) of the Agreement, tary of Authority.		
4. <u>Authority to Act.</u> The Secretary and directed by the Authority's Board of Directors in c and administration of the Authority, including the required documentation related to the Authority's out the direction of the Board.	payment of bills and warrants, the filing of		
PASSED AND ADOPTED by the Board of Director this day of, 2021, by the following was a second control of the contro	2.7		
AYES: NOES: ABSENT: ABSTAIN:			
ATTEST:			
CGA Secretary	CGA Chair		

Cosumnes Groundwater Authority Tasks and Agreement Options

Developed collaboratively between Austin Miller and Stephen Julian 11-2-21

Austin Miller/Sloughhouse Resource Conservation District

- Task 1: Serve as Cosumnes Groundwater Authority Administrator
 - a. Assist the Board of Directors in carrying out their policies and procedures.
 - b. Serve as the Board Clerk.

Task 2: SGMA Activities

- a. Serve as the Interim Cosumnes Subbasin Groundwater Sustainability Plan's Plan Manager and be responsible for the implementation of said Plan.
- b. Contract with consultants for SGMA related activities including, but not limited to, preparation of an Annual Report to DWR, gathering data from the Cosumnes Subbasin Monitoring Network for Water Year 2022, and maintenance of a Data Management System.

Task 3: Outreach and Engagement

- a. Serve as the Cosumnes Subbasin Public Information Officer and respond to all questions/requests from the public, media, and other stakeholders. Coordinate with GSA reps as warranted.
- b. Coordinate the creation and implementation of a Cosumnes Subbasin Citizen Advisory Committee.

Task 4: Contract and Fiscal Management

- a. Serve as the Cosumnes Groundwater Authority Treasurer.
- b. Assist Watershed Coordinator with identifying and pursuing funding opportunities.
- c. Provide oversight of Cosumnes Groundwater Authority contracts.

Task 5: Miscellaneous

- a. Work with the Board of Directors to identify staffing needs and recruit staff as needed.
- b. Work collaboratively with the Cosumnes Subbasin Watershed Coordinator to ensure adequate staffing is provided to all tasks.
- c. Other tasks and responsibilities identified by the Board of Directors and agreed to by Sloughhouse RCD.

Stephen Julian/Southeast Sacramento County Agricultural Water Authority

- Task 1: Serve as Cosumnes Subbasin Watershed Coordinator
 - a. Complete duties as outlined in the Department of Conservation Watershed Coordinator Grant (Appendix A)

Task 2: SGMA Activities

- a. Serve as the Cosumnes Subbasin Watershed Coordinator and assist Plan Manager with GSP implementation
- b. Coordinate activities/responsibilities associated with Project and Management Actions, Monitoring and Data Management Systems, and reporting

Task 4: Outreach and Engagement

a. Assist the PIO with responding to all questions/request from the public, media, other stakeholders

Task 5: Contract and Fiscal Management

- a. Assist Treasurer as needed
- b. Identify and pursue funding opportunities

Task 6: Miscellaneous

- a. Assist CGA Administrator in developing a Staffing Plan for Board Consideration
- b. Work collaboratively with the Plan Manager to ensure adequate staffing is provided to all tasks
- c. Other tasks and responsibilities identified by the Board of Directors and agreed to by SSCAWA

Suggested Agreement

1. The CGA JPA enters into agreements with SRCD and SSCAWA for completion of the above listed tasks.

Funding Options

Suggested breakdown of expenses under "Personnel Services"

1. Specific financial details would be decided by SSCAWA, SRCD, and JPA Boards.



Department of Water ResourcesFacilitation Support Services Application

The Department of Water Resources (DWR) is offering **Facilitation Support Services (FSS)** to help GSAs and local water management groups foster discussions among diverse water management interests and jurisdictions in support of Sustainable Groundwater Management Act (SGMA) implementation.

For questions or assistance with this FSS Application, please contact Heather Shannon at Heather.Shannon@water.ca.gov or (916) 651-9212.

I. Applicant Background		
(Questions 1-6 of 17)		

* 1) Select the groundwater basin/subbasin that is requesting FSS:

*2) Enter applicant information:

Applicant Name: Cosumnes Groundwater Authority

Point of Contact: Stephen Julian

SAN JOAQUIN VALLEY - COSUMNES (5-022.16)

Phone Number: 254-640-0155

Email Address: stephen@wackmanconsulting.com

*3) Is the applicant affiliated with a GSA?

Yes, affiliated with a GSA.

	No.	not	affiliated	with	а	GSA

The Cosumnes Groundwater Authority (CGA) is a Joint Powers Authority comprised of the 7 GSAs within the Cosumnes Subbasin: Amador County Groundwater Management Authority (ACGMA, a JPA between three public agencies: Amador County, Amador Water Agency, and Jackson Valley Irrigation District), City of Galt, Clay Water District, Galt Irrigation District (GID), Omochumne-Hartnell Water District (OHWD), Sacramento County, and Sloughhouse Resource Conservation District (SRCD).

*4) Please provide a brief narrative discussion on the applicant's current involvement, roles, and responsibilities regarding SGMA implementation activities located within the groundwater basin/subbasin.

The 7 Cosumnes Subbasin (Subbasin) GSAs have worked collaboratively under a Framework Agreement to produce a single GSP for the subbasin. For implementation of the GSP, the GSAs have designated portions of their GSA's authority to the CGA to implement SGMA activities on their behalf. Each GSA has appointed one representative to the CGA Board of Directors. In addition, the Southeast Sacramento County Agricultural Water Authority, comprised of Clay Water District, GID, and OHWD, is the administrator of a Department of Conservation Watershed Coordinator grant. The grant funds the position of a Watershed Coordinator whose duties involve:1) developing watershed projects and funding, 2) monitoring and reporting, and 3) stakeholder outreach. Additionally, the Watershed Coordinator's role and responsibilities have been expanded under funding from the Sacramento Area Flood Control Agency and is expected to further encompass basin operations as the CGA continues to develop.

*5) What other professional facilitation funding or services has the applicant received from the State?
None
✓ DWR Prop 1
DWR Prop 68
DWR Facilitation Support Services
State Water Resources Control Board
Other (please specify)
6) Please explain the scope of any active professional facilitation.

Currently, the Consensus Building Institute (CBI), under contract with the Water Forum, provides facilitation and community outreach and engagement services in the Subbasin that include, but are not limited to: identification and outreach to key stakeholders in the Subbasin; planning and facilitation support for the GSAs' Working Group, subcommittees, and advisory groups, as warranted; provide mediation / dispute resolution services to help parties reach consensus on contentious issues; designing and facilitating public workshops and materials to engage the broader public in the Subbasin; stewardship of an interested parties list; website content development and management; and, completing, updating, and supporting the implementation of the communications and engagement plans. CBI's contract will expire with GSP submittal on January 31, 2022. If given the opportunity, we would welcome the chance to continue working with the CBI team that has been instrumental to the development of the Cosumnes Subbasin GSP.

II. Collaboration within and across Groundwater Basin/Subbasin Boundaries

(Questions 7-10 of 17)

Note: DWR FSS for SGMA implementation requires collaboration amongst GSAs at the groundwater basin/subbasin level, and encourages collaboration across groundwater basin/subbasin boundaries.

*7) List all GSAs (and/or other water management entities) *within* the groundwater basin/subbasin that the applicant is currently collaborating with, or intends to collaborate with, on SGMA implementation:

In developing the GSP for the Cosumnes Subbasin, the GSAs have collaborated with the Sacramento Area Flood Control Agency which has interest in a multi-beneficial project in the Subbasin. The purpose of this collaboration has been to flesh out the feasibility of importing surface water from the American River into the Cosumnes Subbasin. This management activity is one of the elements included in the GSP that could contribute to meeting the Subbasin's groundwater sustainability objectives.

Additionally, the Sacramento Water Forum has partnered with the GSAs since the formation of the Cosumnes Subbasin GSP development Framework Agreement. The Water Forum has provided technical, facilitation, and outreach support to the Working Group.

*8) Are there any GSAs (and/or other water management entities) *across* the groundwater basin/subbasin boundary, that the applicant currently is, or intends to collaborate with, on SGMA implementation?

Three of the seven Cosumnes Subbasin GSAs also cover lands within the South American Subbasin on the north side of the Cosumnes River and are participating as GSAs in drafting the GSP for the South American Subbasin. This cross-border interconnectivity has created a strong basis for collaboration between the two subbasins particularly with respect to projects and management actions (PMAs) such as Sacramento County Regional Sanitation District's Harvest Water project and SAFCA's Flood-MAR project that have the potential to benefit both subbasins. While the same amount of collaboration has not yet been established between the Cosumnes Subbasin and Eastern San Joaquin Subbasin, the physical interconnectedness of these two subbasins is well recognized as is the need for more collaboration in tracking the cross-border effects of each subbasin's PMAs.

The Cosumnes Subbasin also collaborates with the Water Forum, and the Watershed Coordinator is anticipated to participate in the Water Forum 2.0 agreement process. The Water Forum works to provide a reliable and safe water supply for the region's economic health and planned development.

The Cosumnes Subbasin leaders have consistently expressed the belief that collaboration and partnerships are extremely beneficial in our goal of achieving groundwater sustainability. Members of the GSAs are actively exploring collaboration opportunities.

* 9) Please discuss the nature of collaboration. What are the GSAs collaborating on?

Since 2017, the 7 GSAs have been working under a Framework Agreement to collaborate on the development of a single GSP for the Cosumnes Subbasin. A formal Joint Powers Agreement, the Cosumnes Groundwater Authority, has been formally adopted by all members to guide the implementation of the Cosumnes Subbasin GSP. The GSAs recognize the need for a unified Subbasin and have made positive collaboration between GSAs the highest priority. The GSAs actively engage in collaborating on all aspects of GSP development and implementation, using a series of established and ad hoc committees to support cross-GSA discussion, support joint fact-finding, and identify and resolve conflicts.

Collaboration has been strengthened by the commitment of the GSAs in the Cosumnes, South American, and North American Subbasins to develop and use a common groundwater model, CoSANA, informed by monitoring wells throughout the region to track the effects of PMAs incorporated in the subbasins' GSPs. This model allows for accurate groundwater accounting and water budgets across the region. Water accounting between the South American Subbasin, the Cosumnes Subbasin, and the Easter San Joaquin Subbasin is a major priority for the three subbasins, and discussions are active between the subbasins.

SAFCA's involvement in the subbasin's PMAs are critical to the success of the GSP. Collaboration between SAFCA and the Subbasin is actively occurring to produce mutually beneficial outcomes for the parties involved.

Agenda Item #6b

Finally, OHWD is an original purveyor of the Water Forum and the subbasin will continue collaboration with the Water Forum. The Watershed Coordinator is expected to participate in the Groundwater Committee in the Water Forum 2.0.

*10) Which beneficial uses and users of groundwater has the applicant established a venue for engagement, or plans to establish a venue for engagement? (List all applicable uses and users of groundwater – see Water Code Section 10723.2)

Beneficial users within the subbasin are:

- (1) Agricultural users, including farmers, ranchers, and dairy professionals.
- (2) Domestic well owners.
- (b) Municipal well operators.
- (c) Public water systems.
- (d) Local land use planning agencies.
- (e) Environmental users of groundwater.
- (f) Surface water users, if there is a hydrologic connection between surface and groundwater bodies.
- (g) The federal government, including, but not limited to, the military and managers of federal lands.
- (h) California Native American tribes.
- (i) Disadvantaged communities, including, but not limited to, those served by private domestic wells or small community water systems.

Outreach has been conducted to all beneficial users through a variety of methods. The primary venue for collaboration occurs at the Cosumnes Subbasin Working Group meetings which are a Brown Act compliant venue for collaboration on the development of the GSP. This Working Group will transition to an administrative agency with the completion of a JPA between all GSAs (forming the Cosumnes Groundwater Authority).

In addition to the monthly Working Group meetings, the subbasin relies on periodic public workshops (both in-person and via webinar) to engage with a wide variety of water users. It also established a Surface Water Advisory Group to bring together water users with a particular focus on surface and groundwater interactions, as well as groundwater dependent ecosystems. The subbasin has also relied on periodic fact-finding workshops to bring additional perspectives into the mix. Tribal outreach has focused on one-on-one outreach via email and phone calls.

Inter-basin coordination with other subbasins is underway and is expected to continue more formally with the CGA.

III. Facilitation Needs

(Questions 11-14 of 17)

*11) Please explain the key challenges the applicant has encountered that has led to the need for professional facilitation.

The primary challenge that the Cosumnes Subbasin faces is limited staff and other resources to conduct, coordinate, and facilitate discussions, navigate and resolve complex issues and conflicts, and build consensus to support a unified and broadly supported approach to managing the subbasin. The services that CBI currently provides have been indispensable to the development of the Cosumnes Subbasin GSP. While the Cosumnes Subbasin has received Proposition 1 and Proposition 68 grant funding, GSP development was the only grant priority. The technical consultants, EKI, and current facilitation provided by CBI have been solely for the creation of the GSP and will end with GSP submission. The Cosumnes Subbasin is approaching critical next steps: formation of a new JPA, GSP implementation, and long-term funding agreements.

The Subbasin has initial funding secured through a groundwater extraction fee implemented through a Prop. 26 process, but long-term funding (most likely secured through a Prop. 218 process) still needs to be addressed. Through the development of the initial funding agreement, we have learned that there is significant work to be done to address insufficiencies in public engagement as well as data availability and inaccuracies.

The diversity of stakeholder needs within the subbasin have presented a challenge for the GSAs. The subbasin has greatly benefited from the consensus building and conflict resolution process employed by CBI during the SGMA process.

As noted, CBI has played a central role in developing and implementing outreach for the Working Group. Without new access to professional facilitation services, the GSAs will be sorely challenged to: (1) maintain the collaborative meeting structure that has sustained the Working Group and the outreach to key stakeholders who have not been able to participate in Working Group meetings, and (2) take on the public outreach and engagement, including the creation of a Citizens Advisory Committee, that will be necessary to develop a subbasin-wide fee structure and implement the GSP.

*12) DWR's FSS program requires applicants to have a well-defined goal for the requested services. What is the applicant's goal for professional facilitation?

The Cosumnes Subbasin is requesting FSS facilitation services to support two meetings:

1) Facilitation services of monthly Cosumnes Groundwater Authority meetings and associated committees/ad hoc groups, as needed, for GSP implementation

Agenda Item #6b

- Facilitation services of stakeholder advisory groups, such as the quarterly Citizens Advisory
 Committee meetings and the yearly Surface Water Advisory Group meetings, for stakeholder
 input
- 3) Facilitation services for outreach, engagement, and education on fees, project implementation, and other meetings as necessary for successful implementation of the GSP

Regarding 1), monthly Cosumnes Groundwater Authority meetings and associated committees/ad hoc groups: As a new administrative entity, the Cosumnes Groundwater Authority will face many challenges. The primary goal for FSS activities is to ensure the timely and well-formed creation of this new entity as it navigates GSP implementation. Facilitation support will be essential in helping the group stay on track, have productive discussions that ensure all GSAs have an equal voice, and any disagreements among the GSAs are raised and resolved in a timely fashion. Various standing committees and ad hoc groups will require facilitation services as they discuss long-term funding, PMAs, and other issues, such as the specifics outlined in question 13 below.

Regarding 2), facilitation services of stakeholder advisory groups: Constituents within the subbasin have expressed the desire to form a Citizens Advisory Committee as an avenue of both providing citizen input and disseminating information to the public through its members. The subbasin would like to receive well-formed input from the Citizens Advisory Committee under professionally facilitated and guided meetings to inform the policies and practices of the Cosumnes Groundwater Authority. The first meetings are expected to primarily involve discussion surrounding long term funding under a Prop 218 process. The Surface Water Advisory Group met four times during GSP development and expressed interest to receive periodic check-ins on new information and progress related to interconnected surface waters and groundwater dependent ecosystems (e.g., annual meetings prior to finalizing and submitting annual reports to DWR).

Regarding 3), facilitation services for outreach on fees, project implementation, and other meetings as necessary for successful implementation of the GSP: During GSP development, outreach to constituents and stakeholders was routinely conducted. Specific areas of interest were fees and projects. Having dedicated support in engaging with stakeholders during the upcoming processes will result in successful GSP implementation.

* 13) Which facilitation support services are you seeking? (select all that apply)
Stakeholder assessment
Tribal government outreach and engagement

~	Meeting facilitation
•	Intra-basin and inter-basin coordination support
~	Interest-based negotiations/consensus building
✓	Stakeholder communication and engagement planning and support
✓	Public and stakeholder outreach
•	Governance development
	Targeted outreach to underrepresented groundwater users - Severely disadvantaged communities/advantaged communities
~	Targeted outreach to underrepresented groundwater users - Private domestic well owners
✓	Targeted outreach to underrepresented groundwater users - Small growers
	Targeted outreach to underrepresented groundwater users - Communities on small water systems
✓	Targeted outreach to underrepresented groundwater users - Other (please specify)
	Agricultural/Residential landowners

14) Regarding SGMA implementation activities, is there any additional information you would like to provide that professional facilitation will help support?

The Cosumnes Subbasin would benefit from additional support to develop and update online content and/or platforms (e.g., website) regarding GSP implementation activities. Additionally, services to create material/media content for general outreach and for groups that have been historically more challenging to engage, such as rural residential well users and other groups identified in question 13 above.

IV. Applicant's Commitments

(Questions 15-16 of 17)

*15) DWR requires **ALL** of the following commitments from applicants benefiting from DWR's FSS program.

Please review and select the commitments you agree to:

- Commit to meet regularly and work diligently toward a clear and defined goal.
- Agree to work in an open, inclusive, and collaborative manner toward SGMA implementation

Agenda Item #6b

- Support an inclusive process that encourage and welcomes involvement of all stakeholders and interested parties.
- Commit to providing a meeting space that is suitably located and sized.

Is there any additional information you would like to add?

16) Are there any other considerations DWR should take into account?

V. Anticipated Tasks and Timeline

(Questions 17 of 17)

- 17) Please summarize anticipated tasks, deliverables, and completion dates to be completed with support of DWR FSS.
 - Cosumnes Groundwater Authority monthly meetings:
 - Immediate tasks: JPA policies, by-laws, functions, etc.; SGMA Annual Report; long-term funding agreements, grant-writing
 - Other tasks: long-term staffing solutions; water banking/land fallowing program; public outreach and engagement; committees/ad hoc groups
 - Citizens Advisory Committee
 - Input and direction long-term funding
 - o PMA input
 - Information dissemination through community leaders
 - Surface Water Advisory Group
 - Input and suggestions for GSP implementation as it relates to interconnected surface waters
 - Long-Term Funding
 - GSA agreement
 - Background data
 - Consultant search
 - Outreach and Engagement
 - Project/Management Actions
 - Assist with outreach to property owners
 - Public meetings on how fees support PMAs
 - Other unidentified tasks that are currently unknown but related to implementation of projects

Task 1. Cosumnes Groundwater Authority meetings. The newly formed Cosumnes Groundwater Authority will have monthly Board of Directors meetings. The creation of this administrative entity entails the formation of all aspects of a public agency: policies, procedures, and by-laws; funding agreements; staffing options; topic specific committee formation; subcontracting consultants as needed. FSS will assist in the creation of monthly agendas and facilitate meetings. Deliverables: agendas, meeting materials, meeting notes. Completion dates: monthly through June 2023.

Task 2. Committee/Ad Hoc Group meetings. Facilitate topic specific committees created by CGA. The committees that have preliminarily identified include, but are not limited to, Long-Term funding and Project/Management Actions. Facilitation to support the subbasin efforts in securing funding for GSP implementation for year 2 and beyond. Initial funding was secured by a groundwater extract fee, through the Prop 26 process. Some GSAs did not implement a sunset date for their Prop 26 resolutions while others only imposed a one-year fee. Long term funding will be critical for the success of GSP, and, as expected, it remains a primary topic among GSAs. The PMA committee is intended to guide project priorities, solicit stakeholder input, and monitor all aspects of the PMAs within the subbasin. Other committees and/or ad hoc groups may be formed as needed. FSS activities would include: facilitation of meetings, mediation between GSAs, assist with coordination of consultants, and public outreach efforts (as discussed in Task 3). Deliverable: meeting notes. Completion dates: ongoing through July 2022.

Task 3. Public Workshops: Planning, coordination, and facilitation support for up to three public workshops regarding funding. Anticipated activities under this task would include: a) development of internal annotated workshop agenda to support planning and execution of public workshops; b) development of workshop informational and logistical materials including meeting agenda, sign-in sheet, presentations, meeting flyer/postcard text, email notice and other items, as identified; c) development of high-level workshop summaries. Deliverables: agendas, meeting materials, workshop summaries. Completion Date: By July 2022.

Task 4. Stakeholder Advisory Groups. Facilitate quarterly Citizens Advisory Committee meetings. The purpose of the Citizens Advisory Committee for the CGA to receive input from citizen members on topics of interest, especially regarding funding and impacts to rural well owners. Additionally, the committee may provide recommendations for increasing community engagement and education. The committee should serve as a two-way communication forum, both receiving information from citizens and disseminating information to citizens. Facilitate annual Surface Water Advisory Group meetings. The Surface Water Advisory group will receive annual check-ins to be informed of GSP implementation progress as related to interconnected surface water and groundwater dependent ecosystems. Additionally, the meetings will serve as a way for the stakeholder to present new information to the CGA. The group is expected to meet annually, prior to finalizing and submitting annual reports to DWR. Deliverables: agendas, meeting materials, list of recommendations or guidance to the CGA. Completion dates: quarterly through June 2023.

Agenda Item #8

BOARD OF DIRECTORS COSUMNES GROUNDWATER AUTHORITY

RESOLUTION NO. 2021-2

AWARDING A PROFESSIONAL SERVICES CONTRACT FOR SUBMISSION OF ANNUAL REPORTS PURSUANT TO SGMA

WHEREAS, the Sustainable Groundwater Management Act ("SGMA") requires groundwater sustainability agencies ("GSA") in medium and high priority basins to begin submitting annual reports on their efforts to achieve sustainability in a basin no later than April 1, 2022. WHEREAS, EKI Water & Environment Inc. ("EKI") has unique knowledge of the Cosumnes Groundwater Authority's ("Authority") work in the groundwater basin, and of the basin itself, and is therefore uniquely qualified to prepare and submit its annual reports; and WHEREAS, pursuant to Section 3.6 of the Joint Powers Agreement Establishing the Cosumnes Groundwater Authority and Government Code Section 6509, the Authority is subject to those limitations the exercise of the contracting power applicable to a California Water District; and WHEREAS, pursuant to the California Water Code and the California Public Contract Code. professional services contracts may be awarded without competitive bidding; and WHEREAS, the proposal presented by EKI represents an appropriate budget and scope for the professional services required; and WHEREAS, it would be in the best interests of the Authority to engage EKI for the submission of its annual report, consistent with the proposal presented by that firm. NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE COSUMNES GROUNDWATER AUTHORITY DOES HEREBY RESOLVE AS FOLLOWS: 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference. 2. Engagement of EKI Consulting. Authority staff and interim legal counsel are directed to finalize an engagement with EKI for the submission of annual reports on behalf of the Authority, and to take any actions necessary to carry out that authorization by the Board of Directors. PASSED AND ADOPTED by the Board of Directors of the Cosumnes Groundwater Authority, this _____ day of _____, 2021, by the following vote: AYES: NOES: ABSENT: ABSTAIN:

CGA Chair

ATTEST:

CGA Secretary



Corporate Office 2001 Junipero Serra Boulevard, Suite 300 Daly City, CA 94014 (650) 292-9100 ekiconsult.com

7 October 2021

Stephen Julian, Watershed Coordinator Wackman Consulting Agriculture, Water and Natural Resources 8970 Elk Grove Blvd, Elk Grove, CA 95624

Subject: Preparation of the Cosumnes Subbasin Annual Report, Water Year (WY) 2021 as part of

Groundwater Sustainability Plan (GSP)

Cosumnes Subbasin, Sacramento & Amador County Implementation

(EKI C1-150)

Dear Mr. Julian:

EKI Environment and Water, Inc. (EKI) prepared this Scope of Work to prepare the Water Year (WY) 2021 Annual Report (AR) for the Cosumnes Subbasin (also referred to herein as "the Basin") as part of Groundwater Sustainability Plan (GSP) implementation and compliance with the Sustainable Groundwater Management Act (SGMA) regulatory requirements as incorporated into Title 23 California Code of Regulations (23-CCR) § 356.2.

BACKGROUND

Seven Groundwater Sustainability Agencies (GSAs) have been established within the Basin and are the exclusive GSAs in their respective areas. The seven GSAs form the Cosumnes Subbasin Sustainable Groundwater Management Act (SGMA) Working Group (herein referred to as the "Working Group") are: Amador County Groundwater Management Authority (ACGMA), City of Galt, Clay Water District, Galt Irrigation District (GID), Omochumne-Hartnell Water District (OHWD), Sacramento County, and Sloughhouse Resource Conservation District (SRCD). The Working Group developed a single coordinated GSP to meet SGMA regulatory requirements, reflect stakeholder values, and preserve local control over management of the groundwater resource. The Working Group is in the process of developing a joint exercise of powers agreement (JPA) that establishes the Cosumnes Groundwater Authority (CGA) for the purpose of implementing the GSP into the future.

The Working Group recently released its draft GSP for public comment and will be submitting its final GSP to the California Department of Water Resources (DWR) before January 31, 2022. Concurrent with the finalization of its GSP, the CGA must prepare its first AR for submittal to DWR by 1 April 2022 (23 CCR §356). As this is the first AR, it must include data from Water Year (WY) 2015 through WY 2021 (i.e., the period from 1 October through 30 September). The AR shall include the sections described in detail below.

- 1) General Information: General information regarding the Basin, including an executive summary, a location map depicting the Basin, and documentation of stakeholder outreach and coordination efforts that have been conducted over the reporting period.
- Groundwater Elevation Data: Detailed description and graphical representation of groundwater elevation data from monitoring wells identified in the monitoring network. This includes, but isn't

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limited to, groundwater elevation contour maps for the Principal Aquifer illustrating seasonal high and low conditions for the current reporting year and hydrographs of groundwater elevations and water year type from WY 2015 to WY 2020.

3) Groundwater Extraction Data:

- a. Detailed description and graphical representation of groundwater extraction from the Basin for the preceding year.
- b. Map illustrating the general location and volume of groundwater extractions in the Basin.

4) Surface Water Supply:

- a. Detailed description and graphical representation of surface water supply used or available for use in the Basin.
- b. Surface water supply for groundwater recharge or in-lieu use within the Basin shall be reported based on quantitative data that describes the annual volume and sources for the preceding year.

5) Total Water Use:

a. Total water use shall be reported in a table that summarizes total water use by water use sector, water source type, and identifies the method of measurement and accuracy of measurements.

6) Change in Groundwater Storage:

- a. Detailed description and graphical representation of change in groundwater in storage maps for the Principal Aquifer in the Basin.
- b. Graph depicting water year type, groundwater use, the annual change in groundwater storage, and the cumulative change in groundwater in storage for the Basin based on historical data and including data from WY 2015 to the current reporting year.

7) Plan Implementation:

a. Description of progress towards achieving the Basin's Sustainability Goal.

The Sustainability Goal of the Cosumnes Subbasin is to ensure that groundwater in the Basin continues to be a long-term resource for beneficial users and uses including urban, domestic, agricultural, industrial, environmental and others. This goal will be achieved by managing groundwater within the Basin's sustainable yield, as defined by sustainable groundwater conditions and the absence of undesirable results.

- b. Detailed description and graphical representation of progress towards achieving interim milestones and sustainable management criteria for all applicable sustainability indicators (chronic lowering of groundwater levels, reduction of groundwater storage, seawater intrusion, degraded water quality, land subsidence and depletion of interconnected surface water).
- c. Summary of projects and management actions implementation, including such information as: permitting status, construction progress, adoption of policies, etc.

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d. Documentation of work towards filling identified data gaps.

Based on the above requirements, EKI has prepared the scope of work outlined below for drafting, completing, and submitting the WY 2021 AR for the Basin.

SCOPE OF WORK - WY 2021 ANNUAL REPORT

This scope of work includes all necessary work to produce the WY 2021 AR and includes three required Tasks and two optional Tasks.

Task 1 - Data Compilation

Task 1 involves compiling newly available data from WY 2019 through WY 2021. Certain data will need to be provided directly by the Basin Watershed Coordinator and/or applicable GSAs, whereas other data will be downloaded from publicly available sources. Data includes but is not limited to:

- Compiled groundwater elevation data from Representative Monitoring Wells (RMWs) and supplemental wells, including monitoring event data, downloaded data from CASGEM for appropriate RMWs, and downloaded real-time data (transducers) - to be provided by Watershed Coordinator and GSAs (for example, City of Galt, ACGMA, and OHWD);
- Compiled water quality data from:
 - o RMW Water Quality (RMW-WQ) network wells to be provided by Watershed Coordinator and GSAs;
 - Publicly available data, for wells across the Basin, downloaded from Safe Drinking Water Information System (SDWIS) Drinking Water Watch website and Groundwater Ambient Monitoring and Assessment (GAMA) Program website – download guidance provided by EKI and data to be provided by Watershed Coordinator and GSAs;
- Download data from available stream gauges to be provided by Watershed Coordinator and GSAs:
 - Cosumnes River measured at the United States Geological Survey (USGS) "Cosumnes River at Michigan Bar" gauge;
 - Dry Creek estimated, under EKI's guidance, from C2VSim through WY 2015 and thereafter, based on a linear regression with inflows at the Cosumnes River at Michigan Bar;
 - Jackson Creek measured at the Jackson Valley Irrigation District (JVID) "Jackson Creek below Lake Amador" gauge;
- Annual verification and update of land use maps to be provided by Watershed Coordinator and GSAs;
- Utilizing satellite imagery to identify the spatial and temporal distribution of dry stream reaches
 in the Basin (e.g., Cosumnes River and Dry Creek). Satellite imagery can be coupled with stream
 gauge and groundwater-level data to assess the impact of groundwater conditions on Depletions
 of Interconnected Surface Water to be provided by Watershed Coordinator and GSAs;

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- Downloading land subsidence data collected from the existing University Navstar Consortium (UNAVCO) Global Positioning System station located within the Basin (P275) – download guidance provided by EKI and data to be provided by Watershed Coordinator and GSAs;
- Downloading land subsidence data provided by the Interferometric Synthetic Aperture Radar (InSAR) data from DWR- download guidance provided by EKI and data to be provided by Watershed Coordinator and GSAs;
- Downloading Precipitation data from Parameter-elevation Regressions on Independent Slopes Model (PRISM) – download guidance provided by EKI and data to be provided by Watershed Coordinator and GSAs;
- Obtain, process, and estimate surface water delivery data as needed from appropriate GSAs, online resources and updated references (e.g., Urban Water Management Plans [UWMP]):
 - Urban imports from Lake Tableaud are delivered to the City of Ione and are estimated from total water treated at the wastewater treatment plant – data to be provided by Watershed Coordinator and GSAs;
 - Castle Oaks Golf Course is irrigated with tertiary treated wastewater from the Castle Oaks Water Reclamation Plant (COWRP) and is estimated from the irrigated area and an assumed average monthly demand, calibrated to match the irrigation demand for the water, as specified in the most up-to-date AWA UWMP – data to be provided by Watershed Coordinator and GSAs;
 - Download stream diversion data at points of diversion (PODs) from the Electronic Water Rights Information Management System (eWRIMs) – download guidance provided by EKI and data to be provided by Watershed Coordinator and GSAs;
- Compile pumping data from appropriate GSAs, and download available Public Water System (PWS) pumping data:
 - City of Galt Monthly pumpage from production wells;
 - o AWA monthly pumpage from Camanche and Camanche North Shore production wells;
 - Other PWSs Pumpage from production wells download guidance provided by EKI and data to be provided by Watershed Coordinator and GSAs;
 - Aquaculture total pumpage (11,000 acre-feet per year [AFY] estimate unless updated by Watershed Coordinator or GSAs);
 - Ag-Res total pumpage (9,000 AFY estimate unless updated by Watershed Coordinator or GSA);
- Monthly Camanche Reservoir stage to be provided by Watershed Coordinator and GSAs;
- Compiled voluntary groundwater extraction data to be provided by Watershed Coordinator and GSAs;
- Status report on Project and Management Actions (PMAs) progress to be provided by GSAs;

Data compiled under Task 1 will either be used directly to produce necessary graphics and tables for the Annual Report (Task 3) or be used to update CoSANA model input files (Task 2).

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Task 2 - Groundwater Flow Model Extension

Task 2 involves extending and updating the Numerical Model to run through September 2021 (i.e., WY 2021). This involves updating all input files to include surface water delivery, pumping, ET, and land use data between October 2019 and September 2021 compiled under Task 1, running the model, and post-processing results. The model results will be used to estimate agricultural pumping, streamflow depletions, and the change in groundwater storage for purposes of AR reporting.

Task 3 - Write and Submit Annual Report

Task 3 includes: (1) development of AR templates to streamline future reporting, and (2) preparation of draft and final versions of the WY 2021 AR for submittal to DWR by the CGA. All necessary graphics, tables, and descriptions as described in 23-CCR § 356.2, and above in the background section, will be produced. Where applicable, graphics will include information back to January 1, 2015 and earlier, if available. As required by the regulations, WY 2021 water levels will be compared to Sustainable Management Criteria and results summarized. Finally, Task 3 includes required coordination and communication with the CGA.

Optional Task 4a – Data Management System (DMS) Update

EKI will update the Basin DMS using the compiled data provided by the GSAs from Task 1. EKI will perform a review of the data in accordance with the Basin QAQC Plan (Appendix N of the GSP), and flag data as appropriate. EKI will then import the data into the DMS and run updated queries to calculate and complete the necessary data fields in the DMS (e.g., calculate water level elevation from reported depth to water and well construction data).

Optional Task 4b – Data Management System (DMS) Training

EKI will train the Watershed Coordinator on DMS use, including importing the data and modifying the data fields by running the appropriate queries. This Task can be completed in-lieu of Task 4a, in which case the Watershed Coordinator will be responsible for updating the DMS and providing it to EKI prior to January 1, 2022, or after the Spring 2022 semi-annual monitoring event as part of GSP implementation.

PERSONNEL

EKI's staff members who will be available to work on this project include Anona Dutton, P.G., C.Hg. (Officer), John Fio (Principal), and Kristyn Lindhart (Grade 3); grades in parentheses are for purposes of billing in accordance with the attached Schedule of Charges (see Attachment A). Other supporting EKI staff members may be assigned to assist with the performance of the tasks as required to meet project commitments.

TERMS AND CONDITIONS

All work performed by EKI under this Scope of Work is anticipated to be performed pursuant to the Terms and Conditions of the Agreement with the CGA.

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COMPENSATION

Inasmuch as the exact level of effort required to complete the above Scope of Work cannot be known precisely, EKI proposes to perform the work on a time and materials expense reimbursement basis in accordance with our current Schedule of Charges (Attachment A). The estimated budget for this scope of work is \$53,000 (see also Table 1).

Table 1. Estimated Budget

TASK	Cost Estimate
WY 2021 Annual Report	\$45,000
Optional Task 4a: DMS Update	\$5,000
Optional Task 4b: DMS Training	\$3,000
TOTAL:	\$53,000

SCHEDULE

EKI is prepared to start work on the above Scope of Work immediately upon authorization to proceed. Most items in Task 1 are to be completed by the Watershed Coordinator/GSAs, and in order to meet the schedule must be completed by 1 January 2022. The Draft AR under Task 3 will be completed by 2 March 2022 for review by the GSAs, with comments due back to EKI by March 9th so the Final AR can be completed and approved by March 16th and submitted in advance of the April 1 deadline. EKI will inform the GSA of any issues that arise that may affect the schedule for completion or impact the anticipated level of effort.

We are happy to discuss the proposed approach and anticipated level of effort for these tasks in more detail with you and look forward to working with you on this important project. If this Proposal meets your needs, with your approval, please sign where noted below and return a fully executed copy to our office to confirm your authorization to proceed. Please call if you have any questions or wish to discuss this proposal in greater detail.

Very truly yours,

EKI ENVIRONMENT & WATER, INC.

Anona L. Dutton, P.G., C.Hg.

Anna XXE

Vice President / Principal-In-Charge

Agenda Item #8

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AUTHORI	ZATION						
Stephen	Julian,	Watershed	Coordinator,	on	behalf	of	the
Cosumne	s Groun	dwater Auth	ority (CLIENT)				
Ву							
Title							
Date							

<u>Attachments</u>

EKI 2021 Schedule of Charges



Proposal/Agreement Date:

EKI Proposal/Project # B80081.xx

SCHEDULE OF CHARGES FOR EKI ENVIRONMENT & WATER, INC.

2 January 2021

Personnel Classification	Hourly Rate
Officer and Chief Engineer-Scientist	306.80
Principal Engineer-Scientist	296.40
Supervising I, Engineer-Scientist	286.00
Supervising II, Engineer-Scientist	275.60
Senior I, Engineer-Scientist	265.20
Senior II, Engineer-Scientist	254.80
Associate I, Engineer-Scientist	244.40
Associate II, Engineer-Scientist	229.84
Engineer-Scientist, Grade 1	214.24
Engineer-Scientist, Grade 2	201.76
Engineer-Scientist, Grade 3	185.12
Engineer-Scientist, Grade 4	165.36
Engineer-Scientist, Grade 5	144.56
Engineer-Scientist, Grade 6	127.92
Technician	116.48
Senior GIS Analyst	149.76
CADD Operator / GIS Analyst	133.12
Senior Administrative Assistant	146.64
Administrative Assistant	115.44
Secretary	95.68

Direct Expenses

Reimbursement for direct expenses, as listed below, incurred in connection with the work will be at for items such as:

- a. Maps, photographs, reproductions, printing, equipment rental, and special supplies related to the work.
- b. Consultants, soils engineers, surveyors, drillers, laboratories, and contractors.
- c. Rented vehicles, local public transportation and taxis, travel and subsistence.
- d. Special fees, insurance, permits, and licenses applicable to the work.
- e. Outside computer processing, computation, and proprietary programs purchased for the work.

Large volume copying of project documents, e.g., bound reports for distribution or project-specific reference files, will be charged as a project expense as described above.

Reimbursement for company-owned automobiles, except trucks and four-wheel drive vehicles, used in connection with the work will be at the rate of sixty cents (\$0.60) per mile. The rate for company-owned trucks and four-wheel drive vehicles will be seventy-five cents (\$0.75) per mile. There will be an additional charge of thirty dollars (\$30.00) per day for vehicles used for field work. Reimbursement for use of personal vehicles will be at the federally allowed rate.

CADD Computer time will be charged at twenty dollars (\$20.00) per hour. In-house material and equipment charges will be in accordance with the current rate schedule or special quotation. Excise taxes, if any, will be added as a direct expense.

Rate for professional staff for legal proceedings or as expert witnesses will be at a rate of one and one-half times the Hourly Rates specified above.

The foregoing Schedule of Charges is incorporated into the Agreement for the Services of EKI Environment & Water, Inc. and may be updated annually.

Agenda Item #9a

BOARD OF DIRECTORS COSUMNES GROUNDWATER AUTHORITY

RESOLUTION NO. 2021-3

SETING THE REGULAR TIME AND LOCATION OF AUTHORITY BOARD MEETINGS

CGA Chair

CGA Secretary

Agenda Item #9b

BOARD OF DIRECTORS COSUMNES GROUNDWATER AUTHORITY

RESOLUTION NO. 2021-4

AUTHORIZING REMOTE TELECONFERENCE MEETINGS PURSANT TO THE BROWN ACT

WHEREAS, the Cosumnes Groundwater Authority (Authority) is committed to preserving public access and participation in meetings of the Board of Directors; and
WHEREAS, all meetings of the Authority are open and public, as required by the Ralph M. Brown Act (Gov. Code, §§ 54950 – 54963) ("Brown Act"), so that any member of the public may attend, participate, and watch the Authority's legislative body conduct its business; and
WHEREAS, Assembly Bill 361 added Government Code section 54953(e) to make provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and
WHEREAS, those conditions currently exist within the Authority, namely, that the Authority is included within the March 4, 2020 state of emergency declared by the Governor pursuant to Government Code section 8625, and that state or local officials have imposed or recommended measures to promote social distancing.
NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE COSUMNES GROUNDWATER AUTHORITY DOES HEREBY RESOLVE AS FOLLOWS:
1. <u>Recitals</u> . The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.
2. Remote Teleconference Meetings. The Authority shall conduct its meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953. Authority staff are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution, including conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.
PASSED AND ADOPTED by the Board of Directors of the Cosumnes Groundwater Authority, this day of, 2021, by the following vote: AYES: NOES: ABSENT: ABSTAIN:
ATTEST:

CGA Chair

CGA Secretary