



Corning Sub-basin GSA Committee Special Meeting Materials

November 9, 2023 | 3:30 p.m.

Glenn-Colusa Irrigation District Main Pump Station | 7854 County Road 203, Orland, CA 95963
Alternate Location | 1177 Magnolia Ave., Larkspur, CA 93939

Remote Public Participation Option:

Microsoft Teams meeting

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1. Call to Order

The Chair will call the meeting to order.

2. Roll Call

Staff will conduct roll call.

3. Meeting Minutes

- a. *Approval of August 8, 2023 special meeting minutes.
- b. *Approval of August 24, 2023 meeting minutes.

Draft meeting minutes for the August 8, 2023 special meeting and the August 24, 2023 meeting are attached.

Attachments:

- August 8, 2023 special meeting minutes
- August 24, 2023 meeting minutes



Corning Sub-basin GSA Committee Special Meeting Minutes

August 8, 2023 | 6:00 p.m.

Glenn-Colusa Irrigation District Main Pump Station
7854 County Road 203, Orland, CA 95963

Public participation was also offered via teleconference

1. Call to Order

- Tom Arnold called the meeting to order at 6:03 p.m.

2. Roll Call

	Party Representative	Member Agency
X	Tom Arnold (Chairman)	County of Glenn
X	Grant Carmon (Vice Chairman)	County of Glenn
X	John Amaro	Glenn-Colusa Irrigation District
X	Pete Knight	Glenn-Colusa Irrigation District
	Julia Violich	Monroeville Water District
X	Seth Fiack	Monroeville Water District

Roll call was taken as noted above.

3. Period of Public Comment

- Mr. Arnold invited comments from the public; whereby, several members of the public stated they were not aware of the public hearing and did not receive a notice in the mail.

4. Public Hearing: Corning Sub-basin Groundwater Sustainability Agency Property-Related Fee

- Jacques DeBra, Luhdorff & Scalmanini Consulting Engineers (LSCE), gave an overview of the meeting agenda items.
- Chairman Arnold opened the public hearing at 6:28 p.m.
- A member of the public asked who is funding LSCE. Chairman Arnold responded by stating Monroeville Water District, Glenn-Colusa Irrigation District and the County of Glenn.
- A member of the public stated proper notification was not given. He was concerned about proper representation considering the Glenn County portion of the Corning

Subbasin consists of one-third of the basin while Tehama County makes up two-thirds. Chairman Arnold explained the fees considered today are for the Glenn County portion of the basin only and the Tehama County portion will be establishing their own fees. He commented Department of Water Resources (DWR) drew the boundary lines for the Corning Subbasin.

- There was discussion on how the Tehama and Glenn portions of the subbasin work together for basin-wide SGMA compliance, such as annual reports and the five-year update. Funding to pay for these tasks is split accordingly.
- Valerie Kincaid, CSGSA Counsel, reviewed the public hearing format, and stated it would be helpful if the members of the public stated their names before stating a comment, although not required.
- Debbie Dotson stated there was not enough information or notice given before the public workshop. She stated the Corning Sub-basin fees are the highest out of all the basins. She further stated the CSGSA is not aware of a refund process if acreage is incorrect.
- Del Reimers asked if “yes” votes are counted as well as the protest votes. Chairman Arnold stated this is a majority protest process and the protest votes are counted and the yes votes are not counted.
- Chuck Niehues stated he does not feel it is fair to have a protest vote if not all landowners are properly notified.
- Mike Mc Donald stated he has property in the Glenn Groundwater Authority and the Corning Subbasin, but did not receive notification of the protest for the CSGSA. It was noted there were two publications printed in the newspaper.
- Wendell (last name not provided) asked if the fee protest is successful, will the basin be subject to Southern California politics? He asked how much the fees are for the Tehama County side of the basin. Mr. Carmon explained the Tehama County side has yet to establish a SGMA fee structure.
- There was a lengthy discussion on what would occur if the protest passed. Mr. Amaro stated the CSGSA could dissolve and State would manage the basin.
- Kevin Donnelley spoke to the importance of irrigation districts diverting surface water into the basin. He further stated the basin lines are too broad and the DWR needs to reassess the boundary lines.
- Doc Bogart spoke regarding state mandates and that mandates do not mean anything if you don’t agree to them. He asked how much would be collected and where it goes.
- Patricia Schager stated she did not want the fee charged on her property taxes and suggested a bill be sent instead.
- Jose Puentes asked how California Water Service would be impacted and if he would be charged by both entities.

- Kathy Ramos had concerns about the fee being charged on her property taxes. She also stated she received two different notices in the mail and the fee doubled on the second notice. She stated it would be more efficient if the basin was managed by one entity.
- Gary Campbell asked what the total amount of fees to be collected is. There was discussion on the fees and what the fees will finance.
- Luke Alexander asked why the CSGSA is not sharing costs with Tehama County, whereby, it was explained there are costs being shared between the two entities when appropriate.
- Lisa Hunter stated if one Groundwater Sustainability Agency (GSA) managed the Corning Subbasin local representation would be lost. She further stated the GSA for the Tehama County portion is the Tehama County Flood Control & Water Conservation District, which does not have jurisdiction in Glenn County. The CSGSA was formed to represent the Glenn County portion of the Subbasin. She further stated the two GSAs work closely together regarding basin-wide activities including projects, cost share, goals, and priorities.
- Bud (last name not provided) asked if the fee could be postponed. He expressed concern about the information available prior to voting and how the fee classifications were defined. There was some discussion on the fee amounts, definitions, and timeline for fee implementation.
- Pete Knight stated the fees are higher in the Glenn County portion of the Corning Subbasin than some basins because there are fewer acres to spread the costs amongst.
- Debbie Dotson discussed the proposition 218 process and her dissatisfaction with the timeline, as she feels the process is being fast-tracked. There was some discussion on how the protest process works and some landowners expressed frustration with the process. Ms. Kincaid clarified the proposition 218 process and stated the majority protest process is not a ballot, but rather an opportunity to protest the fee.
- Leslie Grant asked about the accuracy of the mailings and how many landowners were not notified of the protest.
- Del Reimers stated the acreage on his notice was incorrect. He further stated one vote per parcel is not right and he pays nothing for his land in Tehama County.
- There was discussion on how votes are counted, State versus local control in the subbasin, and local representation. Valerie Kincaid explained what would entail if the State took control of the subbasin, which would include well registration fees, extraction fees, and reporting directly to the State.
- Jaime Lely stated she has been going to the meetings for 4 ½ years. She commended the committee members for their hard work. She stated that while it would save her money to go to the State, her preference is local representation, but the State has set up the CSGSA to fail. She continued with suggestions for the CSGSA to consider and

stated the envelope the notice was received in was not clearly identified. She further stated she would like to group with other entities to fund the Subbasin. She expressed she would have liked to have seen the QR code available in a timelier manner and this process publicized more appropriately. She does not agree with the fact landowners pay the fee per acre but are only allowed one vote per parcel. She explained different possibilities the committee members discussed to make this process most feasible for landowners. She feels the fees should be based on the value of the property income.

- A member of the public asked how other GSAs were paying.
- Chairman Arnold explained dividing up the acreage and setting a one rate fee for all stakeholders negatively impacts rangeland owners.
- A member of the public asked what the maximum fee will be.
- Chairman Arnold stated although grant monies may be received, the Subbasin should not rely on grants on a yearly basis.
- A member of the public asked if the committee will meet each year to analyze the fee structure. It was noted the budget and fee will be reviewed each year.
- There was discussion on various components the grant could fund. Jacques DeBra reviewed the impacts grant funding could have on the fee structure.
- Hank with Hamilton City Fire thanked the committee for their dedication and stated he does not trust the State.
- James Weber asked if there was more time for some of these issues to be addressed. Chairman Arnold responded by explaining how CSGSA funding occurred in the past and expressed concern with requesting funding from member agencies.
- Jamie Lely asked if the fee were to pass, is there a more equitable option that could be considered in the future. She stated she would like a per well head charge implemented over the next 5 years. There was general consensus in favor of that option. Pete Knight stated he is open to any ideas that will frame a more equitable fee structure for landowners.
- Alane (last name not provided) asked if there was a dispute process in place. Chairman Arnold explained the committee expected discrepancies. He stated all disputes should be brought to Lisa Hunter.
- Leslie Grant asked if the fee is not passed, when will the State take control. Valerie Kincaid clarified the process by which the State would take control if a local agency is not funded and cannot manage the basin. She stressed there are many “ifs”, but generally, the CSGSA could dissolve and the State would take immediate control.
- There was a short break while landowners submitted protests if desired and assistance was available to landowners to obtain parcel information if needed.

- Chairman Arnold asked if there were and further questions or comments prior to closing the public hearing; whereby, Doc Bogart asked if there was a protest for non-irrigated property.
 - A question was asked about the purpose of the funds; whereby there was discussion on groundwater sustainability, monitoring, pumping restrictions, maintaining the minimum threshold, and other SGMA compliance activities.
 - Seeing no further comments, Chairman Arnold closed the public hearing at 8:16 p.m. He instructed LSCE staff to unseal protests and begin the counting process.
 - The meeting reconvened at 9:06 p.m. following the tabulation of protests. Chairman Arnold stated 789 protests were needed in order to have a successful protest. He stated 143 valid protests were received. It was noted there is a total of 1,576 parcels in the CSGSA.
5. *Consider Adoption of Resolution Certifying the Results of a Proposition 218 Majority Protest Proceeding and Basis for Setting the Corning Sub-basin Groundwater Sustainability Agency Operations Fee

- Jacques DeBra introduced Item 5.
- Chairman Arnold invited discussion or a motion; whereby no comments were received.

A motion was made to approve Item 5 as presented, which passed with a 4-1 vote as noted below.

Motion: Pete Knight, Second: John Amaro

AYES: Pete Knight, John Amaro, Grant Carmon, Seth Fiack

NOES: Tom Arnold

ABSENT: Julia Violich

6. *Consider Resolution to Adopt the Corning Sub-basin Groundwater Sustainability Agency Fiscal Year 2023/2024 Budget
- Jacques DeBra reviewed two budget options for the committee to consider.
 - Grant Carmon commented on option 2 and the assessments needed for this fiscal year.

A motion was made to approve the Resolution to Adopt the Corning Sub-basin Groundwater Sustainability Agency Fiscal Year 2023/2024 Budget Option 1. The motion passed by the following roll call vote.

Motion: John Amaro, Second: Seth Fiack

AYES: Tom Arnold, Grant Carmon, John Amaro, Pete Knight, Seth Fiack

NOES: None

ABSENT: Julia Violich

7. *Consider Resolution to Establish and Collect a Fee for the Corning Sub-basin Groundwater Sustainability Agency Operations.

- Jacques DeBra reviewed the annual budget review process and the fee for the Option 1 budget.
- Grant Carmon invited the public to come to the CSGSA meetings including its budget review meetings as it is a complex issue that requires participation collectively.
- Chairman Arnold invited further discussion or comments; whereby, none were heard.

A motion was made to approve the Resolution to Establish and Collect a Fee for the Corning Sub-basin Groundwater Sustainability Agency Operations, which passed by the following roll call vote.

Motion: John Amaro, Second: Pete Knight

AYES: Tom Arnold, Grant Carmon, John Amaro, Pete Knight, Seth Fiack

NOES: None

ABSENT: Julia Violich

8. *Consideration Resolution Certifying the Validity of the Legal Process Used to Place Direct Assessments (Special Assessments) on the Secured Tax Roll to establish fees approved by the CSGSA Committee for FY23-24 on the August 10, 2023, County Tax Roll

- Chairman Arnold noted there will be cleanup to do on the fees and classifications. He then invited discussion; whereby none was heard.

A motion was made to approve Item 8 as presented, which passed by the following roll call vote.

Motion: Grant Carmon, Second: Seth Fiack

AYES: Tom Arnold, Grant Carmon, John Amaro, Pete Knight, Seth Fiack

NOES: None

ABSENT: Julia Violich

9. *Consider Approval of the Corning Sub-basin Groundwater Sustainability Agency Fee Policy

- Jacques DeBra stated the purpose of the fee policy is to ensure landowners are properly classified and accurately billed. He stated LSCE recommends approving the policy for 23/24 and forming an Ad Hoc Committee as refinements are likely needed.
- Responding to a question from Grant Carmon, Valerie Kincaid stated changes to the categories or cost are not permissible; however, changes to the policy to allow landowners to ask for a reclassification is allowable as long as it is consistent with what was adopted. Seth Fiack asked if new categories may be added; whereby Valerie Kincaid stated a new category would require a new 218.

- There was additional discussion on the fee policy, definitions, and potential refinements.

John Amaro moved to approve the Corning Sub-basin Groundwater Sustainability Agency Fee Policy as presented. Pete Knight seconded the motion.

- Grant Carmon asked about the timeline in which the policy needs to be adopted; whereby, Valerie Kincaid clarified there is a motion and second on the floor, and approval today would give guidance on the process, but it could be revised at a future meeting upon motion and vote with an amendment. An amendment could provide clarification, but cannot change anything that would violate the proposition 218 process.
- Grant Carmon suggested changing the non-irrigated definition of large parcels from 15 acres to 5 acres; whereby additional discussion ensued.

John Amaro and Pete Knight withdrew the motion and second on the floor.

Grant Carmon moved to approve the Corning Sub-basin Groundwater Sustainability Agency Fee Policy with the amendment to change from 15 acres to 5 acres on the non-irrigated user class definition. The motion was seconded by John Amaro and passed unanimously.

10. Corning Sub-basin GSA Committee Member Reports and Comments

- Mr. Carmon thanked the public for coming to the public hearing.
- There was a discussion on improving public outreach and transparency.
- Doc Bogart stated his dissatisfaction with the public hearing.

11. Next Meeting

- The next regular meeting is scheduled for August 24, 2023 at 2:00 p.m.

12. Adjourn

- The meeting was adjourned at 9:36 p.m.



Corning Sub-basin GSA Committee Meeting Minutes

August 24, 2023 | 2:00 p.m.
Glenn-Colusa Irrigation District Pump Station
7854 County Rd 203, Orland, CA 95963

Public participation was also offered via teleconference

1. Call to Order

- Tom Arnold called the meeting to order at 2:04 p.m.

2. Roll Call

	Party Representative	Member Agency
X	Tom Arnold (Chairman)	County of Glenn
X	Grant Carmon (Vice Chairman)	County of Glenn
	John Amaro	Glenn-Colusa Irrigation District
X	Pete Knight	Glenn-Colusa Irrigation District
X	Julia Violich	Monroeville Water District
	Seth Fiack	Monroeville Water District

Roll call was taken as noted above. A quorum of members was present.

3. Meeting Minutes

- *Approval of August 2, 2023 special meeting minutes.
 - *Approval of August 8, 2023 special meeting minutes.
- No corrections or comments were made to the August 2, 2023 meeting minutes. The August 8, 2023 special meeting minutes were not available.

On a motion by Mr. Carmon, seconded by Ms. Violich, the August 2, 2023 special meeting minutes were unanimously approved as presented.

4. Period of Public Comment

- Del Reimers presented a letter from the State Cattlemen’s Association. The letter stated concerns that rangeland owners (non-extractors) will be charged fees to comply with the Sustainable Groundwater Management Act (SGMA). Mr. Reimers discussed the various disputes rangeland owners have with paying fees when they do not pump groundwater.

- Ms. Violich stated these compliance issues come from the State. She stated annual reports and administrative costs must be funded regardless of if a landowner pumps groundwater.
- Mr. Reimers stated only four counties in the state charge rangeland owners the fees. There was general consensus among the committee to verify this information as it was the understanding all landowners paid for SGMA compliance. Ms. Kincaid stated GSAs have used different mechanisms and it is incorrect that the parcel fee is only charged in the North Valley.
- Discussion ensued on the issues that affect the rangeland owners, fees, and solutions for compliance.
- There was a discussion on the possibility of charging a well head fee. Ian Turnbull stated this process is not cost effective nor practical.
- Michelle Dooley, Department of Water Resources (DWR), introduced herself and stated she was sitting in for Brandon Davison.
- Kevin Donnelley stated rangeland owners help the Corning Subbasin by bringing water into it through the Orland Project and have paid for the Project for many years. He is dissatisfied rangeland owners will be charged. Hank Irick expressed appreciation for Orland Unit Water Users' Association (OUWUA), particularly through the drought when wells were dry.
- Responding to a question from Doc Bogart, Chairman Arnold stated how the CSGSA has been funded over the last 5 years, including grant funding and member contributions. There was a discussion on ways to supplement fees including grant opportunities.

5. Staff Reports

- Lisa Hunter stated four well permit acknowledgment forms have been received by the CSGSA between July 27, 2023 and August 23, 2023.
- Ms. Hunter stated administrative items discussed at past meetings are still in process and more information will be brought forward as needed.
- Ms. Hunter stated she contacted Golden State Risk Management Authority to provide a quote for liability insurance.

6. Financial Report

- a. *Review and consider approval of claims.
- No comments were heard on item 6.a.

On motion by Mr. Knight, seconded by Mr. Carmon, it was unanimously ordered to approve the claims as presented.

7. Corning Sub-basin Groundwater Sustainability Agency (CSGSA) Operations and GSP Implementation Fee Project

- a. Receive an update on the CSGSA Fee Project activities.
 - b. Discussion on approved CSGSA Fee Policy.
 - c. Discussion on User Classification Change Request process
- Ms. Hunter reviewed the fee process and public hearing outcomes. She stated the fee policy was approved and the direct charge files were submitted to the Glenn County Department of Finance (DOF) by the August 10, 2023 deadline. She stated the consulting team made as many corrections to the acreage discrepancies as possible before sending to DOF. Although the fee policy was approved, the reclassification review process is in progress and corrections will need to be made upon completion.
 - Mr. Reimers stated both notices sent to him were incorrect. He asked for clarification regarding the reclassification process. Ms. Kincaid discussed the possibilities of how the reclassification could occur. Discussion ensued on CSGSA and staff direction, assessor involvement, timelines and responsibility of the landowners.
 - There was discussion on the refund process. If a landowner is charged incorrectly on their tax bill, there was general consensus to cut a check rather than crediting landowners on the following tax bill. This process will be clarified with the County.
 - Mr. Bogart stated he has not received any paperwork regarding the fee policy. He was directed to Lisa Hunter to verify the mailing address on file is correct.
 - Mr. Reimers suggested landowners be informed about the proposition 218 process and appeals. Ms. Kincaid stated she had concerns with providing legal advice to landowners as it would cause too much exposure for the agency.
 - There was a lengthy discussion on the user classification change request (UCCR) process and draft form. Mr. Carmon suggested after a landowner submits the UCCR form, staff should review and provide a recommendation to the CSGSA. He noted all reclassifications should be brought to the CSGSA. The following suggestions were made to the UCCR form:
 - Remove the current annual fee section of the UCCR form.
 - Add the ability to submit as much supporting documentation as possible.
 - Remove the phone number and add mail or hand delivery address.
 - Mr. Carmon further suggested providing the landowner notice of the date and time of the CSGSA meeting that will be hearing their reclassification submittal. It was noted the form will be available online.

8. Corning Subbasin Professional Services

- a. *Consider authorization for Tehama County Flood Control and Water Conservation District to issue *Request for Qualifications (RFQ) for Professional Services for Groundwater Sustainability Plan (GSP) Annual Reports, DWR GSP Review Response to Comments, and Implementation Activities for the Bowman, Red Bluff, Antelope, Los Molinos, and Corning Subbasins* in partnership with the CSGSA as it relates to the Corning Subbasin.
- b. Provide direction on preferred RFQ review process.
 - Ms. Hunter provided an overview of Item 8.
 - There was discussion on breakdown of costs, the selection process, qualification of consultants to apply, and the importance of conducting interviews. Ms. Hunter stated there will be an evaluation committee comprised of representatives from Tehama County Flood and Water Conservation District and the CSGSA.
 - There was no opposition to the RFQ moving forward.

9. Corning Subbasin Groundwater Sustainability Plan Implementation

- Ms. Hunter stated the data from the Airborne Electromagnetic (AEM) Survey that was conducted state-wide by DWR is now available for download or through web map data views showing the electrical resistivity data and interpretation data. It was requested the link to the AEM data be sent out.
- Ms. Hunter noted there are no updates on the status of the Sustainable Groundwater Management (SGM) Round 2 grant application. Final awards are expected to be announced in October. There was discussion on components of the grant and where funding could be spent after final award.

10. Corning Subbasin Advisory Board Report

- Ms. Hunter stated the Corning Subbasin Advisory Board (CSAB) met on August 2, 2023. She stated an update was provided on GSA activities and a presentation was given on facilitation support services for the Corning Subbasin. The CSAB also continued prioritizing basin-wide tasks which will remain a standing agenda item. The next meeting is scheduled for September 6, 2023.
- Mr. Carmon asked out the CSAB term expiration dates; whereby, Ms. Hunter responded March 2024 is the soonest a CSGSA member term expires. Mr. Turnbull stated in Tehama County, some terms expire in December 2023.
- Mr. Reimers asked Ms. Dooley if DWR had comments on the pricing; whereby Ms. Dooley responded she did not know all the specifics of fees throughout the State and it is a locally driven process.

11. Corning Sub-basin GSA Committee Member Reports and Comments

- Chairman Arnold invited CSGSA member reports or comments; whereby, none were presented or heard.

12. Next Meeting

- The next regular scheduled meeting is on September 28, 2023 at 2:00 p.m.

13. Adjourn

- The meeting was adjourned at 3:25 p.m.

DRAFT

4. Period of Public Comment

Members of the public are encouraged to address the Corning Sub-basin GSA Committee. Public comment will be limited to three minutes. No action will be taken on items under public comment.

5. Staff Reports

Staff from members of the Corning Sub-basin GSA will provide relevant updates, such as a brief status update of GSP implementation, grant agreements, and project agreements. Reminders and clarifications may be made, and direction may be provided to staff.

6. Financial Report

- a. *Review and accept financial reports.
- b. *Review and consider approval of claims.

The transaction listing, budget to actuals, balance sheet, and claims summary are attached.

Attachments:

- Balance Sheet (July 2023)
- Budget to Actuals (July 2023)
- Transaction Listing (July 2023)
- Balance Sheet (August 2023)
- Budget to Actuals (August 2023)
- Transaction Listing (August 2023)
- Balance Sheet (September 2023)
- Budget to Actuals (September 2023)
- Transaction Listing (September 2023)
- Claims Summary

**COUNTY OF GLENN
General Ledger Summary
Balance Sheet Accounts
For the Period Ending:
Jul 31, 2023**

Organization Key: 04797000 - CORNING SUB-BASIN GRNDWTR SA

Object Type	Object Group Description	Object Code	Balance
ASSETS			
	CURRENT ASSETS		
		00100 - CASH IN TREASURY	93,538.32
	CURRENT ASSETS - Summary		\$93,538.32
AS - Summary			\$93,538.32
LIABILITIES			
	CURRENT LIABILITIES		
		00670 - CHECKS PAYABLE	60,723.35
	CURRENT LIABILITIES - Summary		\$60,723.35
LI - Summary			\$60,723.35
FUND EQUITY			
	FUND EQUITY		
		00974 - UNRESERVED RETAINED EARNINGS	32,814.97
	FUND EQUITY - Summary		\$32,814.97
FB - Summary			\$32,814.97

COUNTY OF GLENN
General Ledger Summary
Budget to Actuals
For the period Ending:
Jul 31, 2023

Organization Key	Object Type	Object Group Description	Object Code	Current Year Budget	Current Year Actuals	Remaining Budget	% of Budget Used
04797000 - CORNING SUB-BASIN GRNDWTR SA							
REVENUES							
INTERGOVERNMENTAL REVENUE							
		56200 OTHER GOVT AGENCIES		0.00	0.00	0.00	0.00%
INTERGOVERNMENTAL REVENUE - Summary				\$0.00	\$0.00	\$0.00	/0
CHARGES FOR CURRENT SERVICES							
		61152 SPECIAL ASSESSMENT		352,884.00	0.00	352,884.00	0.00%
CHARGES FOR CURRENT SERVICES - Summary				\$352,884.00	\$0.00	\$352,884.00	0.00%
RV - Summary				\$352,884.00	\$0.00	\$352,884.00	0.00%
EXPENDITURES							
SERVICES & SUPPLIES							
		03150 INSURANCE		2,000.00	0.00	2,000.00	0.00%
		03220 OFFICE EXPENSE		3,000.00	0.00	3,000.00	0.00%
		03230 PROFESSIONAL SERVICES		314,950.00	0.00	314,950.00	0.00%
		03240 PUBLICATIONS		1,000.00	0.00	1,000.00	0.00%
SERVICES & SUPPLIES - Summary				\$320,950.00	\$0.00	\$320,950.00	0.00%
OTHER CHARGES							
		05700 ADMINISTRATIVE EXPENSE		4,000.00	0.00	4,000.00	0.00%
OTHER CHARGES - Summary				\$4,000.00	\$0.00	\$4,000.00	0.00%
CONTINGENCY							
		09900 CONTINGENCY		22,934.00	0.00	22,934.00	0.00%
CONTINGENCY - Summary				\$22,934.00	\$0.00	\$22,934.00	0.00%
XP - Summary				\$347,884.00	\$0.00	\$347,884.00	0.00%

**COUNTY OF GLENN
 General Ledger Summary
 Budget to Actuals
 For the period Ending:
 Jul 31, 2023**

Organization Key	Object Type	Object Group Description	Object Code	Current Year Budget	Current Year Actuals	Remaining Budget	% of Budget Used
Net Return/ (Cost)				\$5,000.00	\$0.00	\$5,000.00	0.00%

SORT ORDER: SUB-SUB within ORG KEY

SELECT ORGANIZATION KEY: 04797000

Lg	UNIQUE ACCOUNT	Primary Ref	Transaction Description	SS Ref Date	Job No	Debit	Credit	NET		
GL	04797000-00100	JE240060	22/23 YR-END ROLL BEFORE ACCRL	JE 07/01/23	02172241	93,132.15	0.00	93,132.15		
GL	04797000-00100	JE240063	RVRS SOFT CLOSE JE240060	JE 07/01/23	02232481	0.00	93,132.15	0.00		
GL	04797000-00100	JE240485	22/23 YR-END ROLL AFTER ACCRL	JE 07/01/23	02233219	93,132.15	0.00	93,132.15		
GL	04797000-00100	JE240303	AutoID: JE004014 Job: 2200676	JE 07/31/23	02200676	406.17	0.00	93,538.32		
*****Total *SUBS 00100						CASH IN TREASURY	DR	186,670.47	93,132.15	93,538.32
GL	04797000-00299	JE240485	22/23 YR-END ROLL AFTER ACCRL	JE 07/01/23	02233219	406.17	0.00	406.17		
GL	04797000-00299	JE240303	RELEASE ACCRUAL JE #234809	JE 07/31/23	02200676	0.00	406.17	0.00		
*****Total *SUBS 00299						INTEREST RECEIVABLE	DR	406.17	406.17	0.00
GL	04797000-00670	JE240485	22/23 YR-END ROLL AFTER ACCRL	JE 07/01/23	02233219	0.00	60,723.35	60,723.35		
*****Total *SUBS 00670						CHECKS PAYABLE	CR	0.00	60,723.35	60,723.35
GL	04797000-00974	JE240060	CLOSE 22/23 EXP BEFORE ACCRL	JE 07/01/23	02172241	26,867.85	0.00	-26,867.85		
GL	04797000-00974	JE240060	CLOSE 22/23 REV BEFORE ACCRL	JE 07/01/23	02172241	0.00	120,000.00	93,132.15		
GL	04797000-00974	JE240062	CLOSE 22/23 APPROP BEFORE A/P	JE 07/01/23	02172254	0.00	120,000.00	213,132.15		
GL	04797000-00974	JE240062	CLOSE 22/23 UNTC REV BEFORE AP	JE 07/01/23	02172254	120,000.00	0.00	93,132.15		
GL	04797000-00974	JE240063	RVRS SOFT CLOSE JE240060	JE 07/01/23	02232481	0.00	26,867.85	120,000.00		
GL	04797000-00974	JE240063	RVRS SOFT CLOSE JE240060	JE 07/01/23	02232481	120,000.00	0.00	0.00		
GL	04797000-00974	JE240065	RVRS SOFT CLOSE JE240062	JE 07/01/23	02232512	120,000.00	0.00	-120,000.00		
GL	04797000-00974	JE240065	RVRS SOFT CLOSE JE240062	JE 07/01/23	02232512	0.00	120,000.00	0.00		
GL	04797000-00974	JE240485	CLOSE 22/23 EXP AFTER ACCRL	JE 07/01/23	02233219	87,591.20	0.00	-87,591.20		
GL	04797000-00974	JE240485	CLOSE 22/23 REV AFTER ACCRL	JE 07/01/23	02233219	0.00	120,406.17	32,814.97		
GL	04797000-00974	JE240487	CLOSE 22/23 APPROP AFTER A/P	JE 07/01/23	02233287	0.00	120,000.00	152,814.97		
GL	04797000-00974	JE240487	CLOSE 22/23 UNTC REV AFTER AP	JE 07/01/23	02233287	120,000.00	0.00	32,814.97		
*****Total *SUBS 00974						UNRESERVED RETAINED EARNINGS	CR	594,459.05	627,274.02	32,814.97
GL	04797000-00998	JE240060	22/23 YR-END ROLL BEFORE ACCRL	JE 07/01/23	02172241	120,000.00	0.00	-120,000.00		
GL	04797000-00998	JE240062	CLOSE 22/23 UNTC REV BEFORE AP	JE 07/01/23	02172254	0.00	120,000.00	0.00		
GL	04797000-00998	JE240063	RVRS SOFT CLOSE JE240060	JE 07/01/23	02232481	0.00	120,000.00	120,000.00		
GL	04797000-00998	JE240065	RVRS SOFT CLOSE JE240062	JE 07/01/23	02232512	120,000.00	0.00	0.00		
GL	04797000-00998	JE240485	22/23 YR-END ROLL AFTER ACCRL	JE 07/01/23	02233219	120,000.00	0.00	-120,000.00		
GL	04797000-00998	JE240487	CLOSE 22/23 UNTC REV AFTER AP	JE 07/01/23	02233287	0.00	120,000.00	0.00		
*****Total *SUBS 00998						UNANTICIPATED REVENUES	CR	360,000.00	360,000.00	0.00
GL	04797000-00999	JE240060	22/23 YR-END ROLL BEFORE ACCRL	JE 07/01/23	02172241	0.00	120,000.00	120,000.00		
GL	04797000-00999	JE240062	CLOSE 22/23 APPROP BEFORE A/P	JE 07/01/23	02172254	120,000.00	0.00	0.00		
GL	04797000-00999	JE240063	RVRS SOFT CLOSE JE240060	JE 07/01/23	02232481	120,000.00	0.00	-120,000.00		
GL	04797000-00999	JE240065	RVRS SOFT CLOSE JE240062	JE 07/01/23	02232512	0.00	120,000.00	0.00		
GL	04797000-00999	JE240485	22/23 YR-END ROLL AFTER ACCRL	JE 07/01/23	02233219	0.00	120,000.00	120,000.00		
GL	04797000-00999	JE240487	CLOSE 22/23 APPROP AFTER A/P	JE 07/01/23	02233287	120,000.00	0.00	0.00		
*****Total *SUBS 00999						APPROPRIATIONS	CR	360,000.00	360,000.00	0.00
*****Total *KEY 04797000						CORNING SUB-BASIN GRNDWTR SA	DR-CR	1,501,535.69	1,501,535.69	0.00
** GRAND TOTAL **						DR-CR	1,501,535.69	1,501,535.69	0.00	

**COUNTY OF GLENN
 General Ledger Summary
 Balance Sheet Accounts
 For the Period Ending:
 Aug 31, 2023**

Organization Key: 04797000 - CORNING SUB-BASIN GRNDWTR SA

Object Type	Object Group Description	Object Code	Balance
ASSETS			
	CURRENT ASSETS		
		00100 - CASH IN TREASURY	32,814.97
	CURRENT ASSETS - Summary		\$32,814.97
AS - Summary			\$32,814.97
FUND EQUITY			
	FUND EQUITY		
		00974 - UNRESERVED RETAINED EARNINGS	32,814.97
	FUND EQUITY - Summary		\$32,814.97
FB - Summary			\$32,814.97

COUNTY OF GLENN
General Ledger Summary
Budget to Actuals
For the period Ending:
Aug 31, 2023

Organization Key	Object Type	Object Group Description	Object Code	Current Year Budget	Current Year Actuals	Remaining Budget	% of Budget Used
04797000 - CORNING SUB-BASIN GRNDWTR SA							
REVENUES							
USE OF MONEY & PROPERTY							
			44300 INTEREST	0.00	0.00	0.00	0.00%
USE OF MONEY & PROPERTY - Summary				\$0.00	\$0.00	\$0.00	/0
INTERGOVERNMENTAL REVENUE							
			56200 OTHER GOVT AGENCIES	0.00	0.00	0.00	0.00%
INTERGOVERNMENTAL REVENUE - Summary				\$0.00	\$0.00	\$0.00	/0
CHARGES FOR CURRENT SERVICES							
			61152 SPECIAL ASSESSMENT	352,884.00	0.00	352,884.00	0.00%
CHARGES FOR CURRENT SERVICES - Summary				\$352,884.00	\$0.00	\$352,884.00	0.00%
RV - Summary				\$352,884.00	\$0.00	\$352,884.00	0.00%
EXPENDITURES							
SERVICES & SUPPLIES							
			03150 INSURANCE	2,000.00	0.00	2,000.00	0.00%
			03220 OFFICE EXPENSE	3,000.00	0.00	3,000.00	0.00%
			03230 PROFESSIONAL SERVICES	314,950.00	0.00	314,950.00	0.00%
			03240 PUBLICATIONS	1,000.00	0.00	1,000.00	0.00%
SERVICES & SUPPLIES - Summary				\$320,950.00	\$0.00	\$320,950.00	0.00%
OTHER CHARGES							
			05700 ADMINISTRATIVE EXPENSE	9,000.00	0.00	9,000.00	0.00%
OTHER CHARGES - Summary				\$9,000.00	\$0.00	\$9,000.00	0.00%
CONTINGENCY							

**COUNTY OF GLENN
 General Ledger Summary
 Budget to Actuals
 For the period Ending:
 Aug 31, 2023**

Organization Key	Object Type	Object Group Description	Object Code	Current Year Budget	Current Year Actuals	Remaining Budget	% of Budget Used
			09900 CONTINGENCY	22,934.00	0.00	22,934.00	0.00%
		CONTINGENCY	- Summary	\$22,934.00	\$0.00	\$22,934.00	0.00%
	XP - Summary			\$352,884.00	\$0.00	\$352,884.00	0.00%
Net Return/ (Cost)				\$0.00	\$0.00	\$0.00	0.00%

SORT ORDER: SUB-SUB within ORG KEY

SELECT ORGANIZATION KEY: 04797000

Lg UNIQUE ACCOUNT	Primary Ref	Transaction Description	SS Ref Date	Job No	Debit	Credit	NET
GL 04797000-00100	TTLOH	AutoID:Total Job:2207905	OH 08/09/23	02207905	0.00	60,723.35	-60,723.35
*****Total *SUBS 00100		CASH IN TREASURY		DR	0.00	60,723.35	-60,723.35
GL 04797000-00670	TTLOH	AutoID:Total Job:2207905	OH 08/09/23	02207905	60,723.35	0.00	-60,723.35
*****Total *SUBS 00670		CHECKS PAYABLE		CR	60,723.35	0.00	-60,723.35
*****Total *KEY 04797000		CORNING SUB-BASIN GRNDWTR SA		DR-CR	60,723.35	60,723.35	0.00
		** GRAND TOTAL **		DR-CR	60,723.35	60,723.35	0.00

**COUNTY OF GLENN
 General Ledger Summary
 Balance Sheet Accounts
 For the Period Ending:
 Sep 30, 2023**

Organization Key: 04797000 - CORNING SUB-BASIN GRNDWTR SA

Object Type	Object Group Description	Object Code	Balance
ASSETS			
	CURRENT ASSETS		
		00100 - CASH IN TREASURY	30,235.63
	CURRENT ASSETS - Summary		\$30,235.63
AS - Summary			\$30,235.63
FUND EQUITY			
	FUND EQUITY		
		00974 - UNRESERVED RETAINED EARNINGS	32,814.97
	FUND EQUITY - Summary		\$32,814.97
FB - Summary			\$32,814.97

COUNTY OF GLENN
General Ledger Summary
Budget to Actuals
For the period Ending:
Sep 30, 2023

Organization Key	Object Type	Object Group Description	Object Code	Current Year Budget	Current Year Actuals	Remaining Budget	% of Budget Used
04797000 - CORNING SUB-BASIN GRNDWTR SA							
REVENUES							
USE OF MONEY & PROPERTY							
			44300 INTEREST	0.00	60.66	(60.66)	0.00%
USE OF MONEY & PROPERTY - Summary				\$0.00	\$60.66	(\$60.66)	/0
INTERGOVERNMENTAL REVENUE							
			56200 OTHER GOVT AGENCIES	0.00	0.00	0.00	0.00%
INTERGOVERNMENTAL REVENUE - Summary				\$0.00	\$0.00	\$0.00	/0
CHARGES FOR CURRENT SERVICES							
			61152 SPECIAL ASSESSMENT	352,884.00	0.00	352,884.00	0.00%
CHARGES FOR CURRENT SERVICES - Summary				\$352,884.00	\$0.00	\$352,884.00	0.00%
RV - Summary				\$352,884.00	\$60.66	\$352,823.34	0.02%
EXPENDITURES							
SERVICES & SUPPLIES							
			03150 INSURANCE	2,000.00	0.00	2,000.00	0.00%
			03220 OFFICE EXPENSE	3,000.00	0.00	3,000.00	0.00%
			03230 PROFESSIONAL SERVICES	314,950.00	2,640.00	312,310.00	0.84%
			03240 PUBLICATIONS	1,000.00	0.00	1,000.00	0.00%
SERVICES & SUPPLIES - Summary				\$320,950.00	\$2,640.00	\$318,310.00	0.82%
OTHER CHARGES							
			05700 ADMINISTRATIVE EXPENSE	9,000.00	0.00	9,000.00	0.00%
OTHER CHARGES - Summary				\$9,000.00	\$0.00	\$9,000.00	0.00%
CONTINGENCY							

**COUNTY OF GLENN
 General Ledger Summary
 Budget to Actuals
 For the period Ending:
 Sep 30, 2023**

Organization Key	Object Type	Object Group Description	Object Code	Current Year Budget	Current Year Actuals	Remaining Budget	% of Budget Used
			09900 CONTINGENCY	22,934.00	0.00	22,934.00	0.00%
		CONTINGENCY	- Summary	\$22,934.00	\$0.00	\$22,934.00	0.00%
	XP - Summary			\$352,884.00	\$2,640.00	\$350,244.00	0.75%
Net Return/ (Cost)				\$0.00	(\$2,579.34)	\$2,579.34	0.75%

SORT ORDER: SUB-SUB within ORG KEY

SELECT ORGANIZATION KEY: 04797000

Lg UNIQUE ACCOUNT	Primary Ref	Transaction Description	SS Ref Date	Job No	Debit	Credit	NET
GL 04797000-00100	TTLOH	AutoID:Total Job:2250914	OH 09/06/23	02250914	0.00	2,640.00	-2,640.00
GL 04797000-00100	JE240971	AutoID: JE004136 Job: 2328895	JE 09/30/23	02328895	60.66	0.00	-2,579.34
*****Total *SUBS 00100		CASH IN TREASURY		DR	60.66	2,640.00	-2,579.34
GL 04797000-00670	TTLOH	AutoID:OH010796 Job:2250900	OH 09/06/23	02250900	0.00	2,640.00	2,640.00
GL 04797000-00670	TTLOH	AutoID:Total Job:2250914	OH 09/06/23	02250914	2,640.00	0.00	0.00
*****Total *SUBS 00670		CHECKS PAYABLE		CR	2,640.00	2,640.00	0.00
GL 04797000-03230	CSGSA-2254	PARIS KINCAID W A#3400 PARIS K	OH 09/06/23	02250900	2,640.00	0.00	2,640.00
*****Total *SUBS 03230		PROFESSIONAL SERVICES		DR	2,640.00	0.00	2,640.00
GL 04797000-44300	JE240971	09/2023 INTEREST APPORTIONMENT	JE 09/30/23	02328895	0.00	60.66	60.66
*****Total *SUBS 44300		INTEREST		CR	0.00	60.66	60.66
*****Total *KEY 04797000		CORNING SUB-BASIN GRNDWTR SA		DR-CR	5,340.66	5,340.66	0.00
		** GRAND TOTAL **		DR-CR	5,340.66	5,340.66	0.00

7. *Approve 2024 Meeting Schedule

The CSGSA currently generally meets monthly on the 4th Thursdays at 2:00 p.m. A draft 2024 meeting schedule is attached for CSGSA consideration.

Attachments:

- Draft 2024 CSGSA Meeting Schedule



CSGSA 2024 Meeting Schedule

Meetings of the Corning Sub-basin GSA Committee will generally be held on the 4th Thursday every month. Meetings will be held at the Glenn-Colusa Irrigation Pump Station located at 7854 County Road 203, Orland, CA 95963. Exceptions are noted below.

Date	Time	Location
January 25, 2024	2:00 pm	7854 County Road 203, Orland, CA
February 22, 2024	2:00 pm	7854 County Road 203, Orland, CA
March 28, 2024	2:00 pm	7854 County Road 203, Orland, CA
April 25, 2024	2:00 pm	7854 County Road 203, Orland, CA
May 23, 2024	2:00 pm	7854 County Road 203, Orland, CA
June 27, 2024	2:00 pm	7854 County Road 203, Orland, CA
July 25, 2024	2:00 pm	7854 County Road 203, Orland, CA
August 22, 2024	2:00 pm	7854 County Road 203, Orland, CA
September 26, 2024	2:00 pm	7854 County Road 203, Orland, CA
October 24, 2024	2:00 pm	7854 County Road 203, Orland, CA
No meeting in November		
December 12, 2024 (2 nd Thursday)	2:00 pm	7854 County Road 203, Orland, CA

Draft 11/9/23



8. Insurance through Golden State Risk Management Authority

- a. *Authorize Chairman to sign Agreement for Admission of New Member to the Golden State Risk Management Authority.
- b. *Authorize Chairman to sign letter of no known loss.
- c. *Authorize purchase of insurance in an amount not to exceed \$1,800.

Staff has reached out to Golden State Risk Management Authority (GSRMA) regarding the purchase of insurance, including General Liability, Crime Bond, and Cyber coverage. Staff has completed the necessary applications. GSRMA prepared an Indication for Coverage letter dated September 27, 2023 with an estimated start date of October 1. The total estimated annual contribution is \$2,268 and pro-rated amount of \$1,697 based on the October 1 start date. Insurance is currently budgeted at \$2,000.

If the CSGSA chooses to move forward with GSRMA, the CSGSA must sign the Agreement for Admission of New Member to the Golden State Risk Management Authority and submit a “no known loss” letter or 10-year loss history.

If desired, staff can research additional options, which could include Special Districts Risk Management Authority (SDRMA), Association of California Water Agencies Joint Powers Insurance Authority (ACWA JPIA), or others.

Attachments:

- Indication for Coverage- Corning Sub-basin GSA
- Agreement for Admission of New Member to the Golden State Risk Management Authority
- GSRMA JPA
- GSRMA Bylaws
- “No Known Loss” letter

September 27, 2023

Lisa Hunter
Corning Sub-basin GSA
525 W. Sycamore Street, Suite B-1
Willows, CA 95988

Re: Indication for Coverage – Corning Sub-basin GSA

Dear Lisa,

Thank you for the opportunity to provide this proposal for Corning Sub-basin Groundwater Sustainability Agency's membership in Golden State Risk Management Authority (GSRMA). GSRMA has proven to be an excellent risk-pooling option for California special districts.

GSRMA requires participation in all coverage programs applicable to your district. In doing so, GSRMA has been able to provide its members with stable rates, and high coverage limits, since 1979. GSRMA currently has over 300 member agencies throughout the State of California.

Please take a moment to review the attached indication which is based on the information you have provided. The following additional documentation is required before a final quote can be prepared and coverage bound:

- "No known loss" letter, or 10-year loss history, for all lines of coverage;
- Signed JPA Agreement (acceptance of, and agreement to abide by, the Golden State Risk Management Authority Joint Exercise of Powers Agreement, and the Golden State Risk Management Authority By-Laws).

Additionally, your Agency's information will be provided to PRISM, our excess carrier, for approval. PRISM must approve your Agency for membership before coverage can be bound. Note that this is an *indication* for coverage and estimates may be modified based on loss experience or change in circumstances.

We look forward to working with your agency. Please feel free to call with any questions.

Sincerely,



Elizabeth "Liz" Smith, CPCU, ARM
Underwriter
Golden State Risk Management Authority

2023-24 Coverage Summary and Limits

Comprehensive General Liability

\$50,000,000 Per Occurrence Limits

Broad Occurrence Coverage Including:

- First-dollar coverage – no member retention or deductible for liability losses
- Bodily Injury & Property Damage
- Personal Injury
- Public Officials Errors & Omissions
- Automobile Liability
- Contractual Liability
- Employment Practices Liability
- Excess coverage is provided through PRISM (Public Risk Innovation, Solutions, and Management), one of the largest and most respected public entity insurance programs in the nation.

Major Exclusions

- Airports/Aircraft
- Health Care Professional Liability (limited)
- Eminent Domain/Inverse Condemnation
- Failure to Supply Fuel, Water or Electricity
- Subsidence
- Nuclear Material
- Pollution (limited)
- Dam Failure (unless endorsed)
- Asbestos
- Fixed Route Transit (unless endorsed)
- Punitive Damages
- Fiduciary Liability
- Employment Retirement Income Security Act (ERISA)
- Care Custody and Control
- Benefits payable under an employee benefit plan
- Non-monetary damages
- Breach of Contract
- Unlawful Discrimination intentionally committed by, at the direction of, or with the consent of the Covered Party
- Violation of Economic or Trade Sanctions
- Strip Search (limited)
- Violation of Communication or Information Law
- Employee Benefits Limitation
- Fair Labor Standards Act
- Wrongful Incarceration- prior to being a member
- Cyber
- Organic Pathogen (Communicable Disease)
- Polyfluoroalkyl (PFAS)

2023-24 Coverage Summary and Limits Property and Miscellaneous Coverage \$600,000,000 Limits Per Occurrence

- Low member deductibles
- All-risk, full replacement cost coverage
- Real and personal property
- Automobile, mobile equipment, boiler and machinery
- Flood coverage included
- No co-insurance clause
- Optional earthquake, watercraft and aviation/airport coverage

Major Exclusions

- Aircraft, Watercraft, and Rolling Stock
- Standing Timber, Growing Crops and Animals (except Specially Trained Animals)
- Unscheduled Dams, Piers, Wharves, Docks, Underground Pipes, Outfalls, Tunnels, Bridges, Catwalks, Roadways, Highways, Streets, Sidewalks, Culverts, Street Lights and Traffic Signals, etc., in excess of \$3,000,000 sublimit unless scheduled
- Land and Land values (and water excess of primary limit)
- Property in due course of Ocean Marine Transit
- Shipment by mail after delivery into the custody of the Post Office Department
- Course of Construction (nonincidental excess of \$100,000,000 project value)
- Power Transmission and Feeder Lines more than 1000 feet from insureds premises
- Railroad Property except while in Course of Construction
- Pollution, Contamination or Seepage (except Accidental Contamination)
- Contractors Equipment, unless scheduled
- Licensed Vehicles, unless scheduled
- Electronic Data Recognition
- Computer Virus/Cyber Exclusion
- Asbestos excess of the primary limit
- Communicable Disease
- Error in Design, Faulty Workmanship and Faulty Materials (except for resulting damage)

2023-24 Coverage Summary and Limits

Cyber Liability*

\$16,000,000 Aggregate Limit

Claims Made and Reported Coverage Including:

- GSRMA members share a single sublimit of \$16,000,000 Aggregate for all coverages combined (including Claims Expenses)
- Additional sub limits may apply
- Member's Self Insured Retention is \$10,000 and there is an eight (8) hour waiting period for first party claims
- Coverage includes Breach Response
- Coverage includes First Party Loss (Business Interruption, Dependent Business Interruption, Cyber Extortion, Data Recovery)
- Coverage includes Third Party Liability (Data and Network, Regulatory Defense and Penalties, Payment Card Liabilities and Costs, Media Liability)
- Coverage includes eCrime (Fraudulent Instruction, Telephone Fraud)

Crime

\$20,000,000 Limit Occurrence

Coverage Including:

- GSRMA members have a \$2,500 deductible per occurrence
- Coverage includes Employee Theft including Faithful Performance of Duty (per loss coverage)
- Coverage includes Depositor's Forgery or Alteration including Credit, Debit or Charge Card Forgery
- Coverage includes Theft, Disappearance and Destruction – Inside and Outside the Premises
- Coverage includes Computer Fraud and Funds Transfer Fraud
- Coverage includes Money Orders and Counterfeit Paper Currency

Major Exclusions

- Exclusion information available upon request

*Not all members will qualify for Cyber coverage.



Contribution Indication

Policy Period: 2023-24
Coverage Dates: 10/1/2023 - 7/1/2024
Account No: CSGSA

Customer Service
For Information on Your Account Visit:
www.mygsrma.org
GSRMA PO Box 706 Willows, CA 95988
Phone: 530-934-5633 Fax: 530-934-8133

Corning Sub-basin Groundwater Sustainability Agency

2023-24 COVERAGE	CONTRIBUTION
General Liability <i>Estimated Payroll</i> \$0	\$2,250
Crime Bond <i>Exposure</i> 1	\$18
TOTAL ESTIMATED ANNUAL CONTRIBUTION*	\$2,268
TOTAL ESTIMATED PRORATED CONTRIBUTION* (10/1/2023 - 7/1/2024)	\$1,697
TOTAL ESTIMATED PAYMENT	\$1,697

*Total Contribution is an ESTIMATE ONLY and may not be equal to the final Contribution amount when coverage is bound.
Finance charges apply when paying in installments.

NOT AN INVOICE. INDICATION DATED 9/27/2023 DOES NOT BIND COVERAGE.



Contribution Comparison

Policy Period: 2023-24
 Coverage Dates: 10/1/2023 - 7/1/2024
 Account No: CSGSA

Customer Service
For Information on Your Account Visit:
www.mygsrma.org
GSRMA PO Box 706 Willows, CA 95988
Phone: 530-934-5633 Fax: 530-934-8133

Corning Sub-basin Groundwater Sustainability Agency

COVERAGE	2023-24	-	DIFFERENCE	% CHANGE
Workers' Compensation	\$0	\$0	\$0	0.0%
<i>Estimated Payroll</i>	\$0	\$0	\$0	0.0%
<i>Effective Rate¹</i>	\$0.00	\$0.00	\$0.00	0.0%
<i>Experience Ratio</i>				
General Liability	\$2,250	\$0	\$2,250	0.0%
<i>Estimated Payroll</i>	\$0	\$0	\$0	0.0%
<i>Effective Rate¹</i>	\$0.00	\$0.00	\$0.00	0.0%
<i>Experience Ratio</i>				
Property	\$0	\$0	\$0	0.0%
<i>Total Insured Value</i>	\$0	\$0	\$0	0.0%
HV Property	\$0	\$0	\$0	0.0%
<i>Total Insured Value</i>	\$0	\$0	\$0	0.0%
Auto	\$0	\$0	\$0	0.0%
<i>Total Insured Value</i>	\$0	\$0	\$0	0.0%
Watercraft	\$0	\$0	\$0	0.0%
<i>Total Insured Value</i>	\$0	\$0	\$0	0.0%
Mobile Equipment	\$0	\$0	\$0	0.0%
<i>Total Insured Value</i>	\$0	\$0	\$0	0.0%
Crime Bond	\$18	\$0	\$18	0.0%
<i># of Employees</i>	1	0	1	0.0%
Cyber Liability	\$0	\$0	\$0	0.0%
<i>Total Insured Value</i>	\$0	\$0	\$0	0.0%
TOTAL ESTIMATED CONTRIBUTION²	\$2,268	\$0	\$2,268	0.0%

¹ Amounts are shown rounded to the nearest cents. Actual Effective Rate = Contribution / Payroll * 100

² Total Contribution is an ESTIMATE ONLY and may not be equal to the final Contribution amount when coverage is bound.

³ Pollution coverage included in Property beginning with 2021-22 policy year.

Indication dated 9/27/2023



Estimated Payroll

Policy Period: 2023-24
Coverage Dates: 10/1/2023 - 7/1/2024
Account No: CSGSA

Customer Service
For Information on Your Account Visit:
www.mygsrma.org
GSRMA PO Box 706 Willows, CA 95988
Phone: 530-934-5633 Fax: 530-934-8133

Corning Sub-basin Groundwater Sustainability Agency

Estimated Payroll for 2023-24

CLASS CODE	DESCRIPTION	# FULL TIME EMPLOYEES	# PART TIME EMPLOYEES	ANNUAL REGULAR PAYROLL	ANNUAL OVERTIME PAYROLL
		0	0	\$0	\$0
TOTAL		0	0	\$0	\$0
	Total Regular and Overtime Payroll (OT included at 2/3)				\$0
TOTAL ESTIMATED PAYROLL					\$0



Disclosures/Disclaimers

Policy Period: 2023-24

Account No: CSGSA

Customer Service

For Information on Your Account Visit:

www.mygsrma.org

GSRMA
PO Box 706
Willows, CA 95988

Phone: 530-934-5633
Fax: 530-934-8133

This proposal for coverage is provided as a matter of convenience and information only. All information included in this proposal, including but not limited to personal and real property values, locations, operations, products, data, vehicle schedules, financial data and loss experience, is based on facts and representations supplied to Golden State Risk Management Authority by your agency. This proposal does not reflect any independent study or investigation by Golden State Risk Management Authority or its agents and employees.

Please be advised that this proposal is also expressly conditioned on there being no material change in the risk between the date of this proposal and the inception date of the proposed coverage (including the occurrence of any claim or notice of circumstances that may give rise to a claim under any policy which the policy being proposed is a renewal or replacement). In the event of such change of risk, GSRMA may, at its sole discretion, modify, or withdraw this proposal, whether or not this offer has already been accepted.

This proposal is not confirmation of coverage and does not add to, extend, amend, change, or alter any coverage in any actual policy of insurance your agency may have. All existing policy terms, conditions, exclusions, and limitations apply. For specific information regarding your coverage, please refer to the policy itself. Golden State Risk Management Authority will not be liable for any claims arising from or related to information included in or omitted from this proposal for coverage.

**AGREEMENT FOR ADMISSION OF NEW MEMBER
TO THE GOLDEN STATE RISK MANAGEMENT AUTHORITY**

Enclosures:

- 1) Golden State Risk Management Authority Joint Exercise of Powers Agreement;
- 2) Golden State Risk Management Authority Bylaws.

RECITALS

- 1. Corning Sub-basin Groundwater Sustainability Agency, a public agency within Glenn County, State of California, has applied for membership in the Golden State Risk Management Authority.
- 2. Said membership is contingent upon the acceptance of, and agreement to abide by, the Golden State Risk Management Authority Joint Exercise of Powers Agreement (Encl. 1), and the Golden State Risk Management Authority By-Laws (Encl. 2).

AGREEMENT

Therefore, the Corning Sub-basin Groundwater Sustainability Agency, a public agency, has applied for membership in the Golden State Risk Management Authority. It hereby accepts and agrees to all provisions of the Joint Exercise of Powers Agreement (Encl. 1) and the Bylaws of the Golden State Risk Management Authority (Encl. 2), and agrees to abide by and comply with all the provisions contained therein.

Upon entering this Agreement, the Corning Sub-basin Groundwater Sustainability Agency is accepted as a new member. Membership is effective as of the date of the prior conditional approval by the Board of Directors of the Golden State Risk Management Authority.

Dated: _____

Thomas Arnold, Chair
Corning Sub-basin Groundwater Sustainability Agency

Dated: _____

President of the Board
Golden State Risk Management Authority

Approved as to form:

General Counsel
Golden State Risk Management Authority

Reviewed and Approved:

Scott Schimke, Risk Manager
Golden State Risk Management Authority

Adopted: April 10, 1979

Amended: April 27, 1992

Amended: June 11, 1997

Amended: July 1, 2000

Amended: July 14, 2004

Amended: July 1, 2009

**JOINT EXERCISE OF POWERS AGREEMENT
FOR PROVIDING LIABILITY, WORKERS' COMPENSATION,
PROPERTY AND OTHER COVERAGES**

ENTERED INTO BY

**PUBLIC AGENCIES WITHIN AND WITHOUT
THE STATE OF CALIFORNIA**

TABLE OF CONTENTS

PREAMBLE	1
RECITALS	1
ARTICLES	
1 PURPOSES	2
2 RULES OF CONSTRUCTION	3
3 PARTIES TO AGREEMENT	3
4 CREATION OF AUTHORITY	3
5 TERM OF AGREEMENT	3
6 BYLAWS	4
7 POWERS OF THE AUTHORITY	4
8 AUTHORITY FUNCTIONS AND RESPONSIBILITIES	5
9 MEMBER AGENCY RESPONSIBILITIES	5
10 TERMINATION	6
11 PROHIBITION AGAINST ASSIGNMENT	7
12 AMENDMENTS	7
13 ENFORCEMENT	7
14 COUNTERPARTS	7
15 AGREEMENT COMPLETE	8
16 FILING WITH SECRETARY OF STATE	8
SIGNATORIES	8
APPENDIX A	
JOINT POWER AGREEMENT MEMBER AGENCIES	

JOINT EXERCISE OF POWERS AGREEMENT FOR PROVIDING LIABILITY, WORKERS' COMPENSATION, PROPERTY AND OTHER COVERAGES

* * *

THIS AGREEMENT is dated, for convenience, July 1, 1979, as the date the Agreement was initially entered into among certain public agencies within the County of Glenn. Thereafter, this Agreement has been amended to include Public Agencies within or without the State of California. These public agencies are hereafter referred to as "Member Agencies" and listed in Appendix "A", which may be amended from time to time.

PREAMBLE

Golden State Risk Management Authority is established for the purpose of providing services and other functions necessary and appropriate for the creation, operation, and maintenance of liability, workers' compensation, property and other risk pooling and coverage plans for the Member Agencies that are parties hereof, and to provide a forum for discussion, study, development and implementation of recommendations of mutual interest regarding risk pooling and insured programs.

RECITALS

This Agreement is predicated upon the following facts:

- 1. WHEREAS the Member Agencies are public agencies organized and operating under the laws of the State of California or other states of the United States;
2. WHEREAS, the following California state laws, among others, authorize the Member Agencies to enter into this agreement:
a. Labor Code Section 3700(c) allowing a local public entity to fund its own worker's compensation Claims;
b. Government Code Sections 989 and 990, et seq. and Education Code Sections 17566 and 17567 permitting a local public entity to insure itself against liability and other losses;
c. Government Code Section 990.4 permitting a local public entity to provide insurance and self-insurance in any desired combination;

d. Government Code Section 990.8 permitting two or more local public entities to enter into an agreement to jointly fund such expenditures under the authority of Government Code Sections 6500 *et seq.*;

e. Government Code Sections 6500, *et seq.* permitting two or more local public entities (including public agencies located outside the State of California) to jointly exercise under an agreement any power which is common to each of them.

3. WHEREAS, each of the parties to this Agreement desires to join together with the other parties for the purpose of developing an effective risk management program to reduce the amount and frequency of their losses, pooling their self-insured losses, and jointly purchasing excess insurance and administrative services in connection with a joint program for said parties; and

4. WHEREAS, a feasibility study has shown that it is economically feasible and practical for the parties to this Agreement to do so;

5. WHEREAS, this Authority was originally created and was known as the “Glenn County Joint Powers Authority”,

NOW, THEREFORE, for and in consideration of all of the mutual benefits, covenants and agreements contained herein, the parties hereto agree as follows:

ARTICLE 1 PURPOSES

This Agreement is entered into by Member Agencies pursuant to the provisions of California Government Code sections 990, 990.4, 990.8 and 6500 *et seq.* in order to develop an effective risk management program: (a) to reduce the amount and frequency of their losses, (b) to pool their self-insured losses, and (c) to jointly purchase excess insurance and administrative services in connection with a joint protection program for the Member Agencies.

These purposes shall be accomplished through the exercise of the powers of Member Agencies jointly in the creation of a separate entity, now know as “Golden State Risk Management Authority”, to administer a joint protection program wherein Member Agencies will pool their losses and Claims, jointly purchase excess insurance and administrative and other services, including Claims adjusting, data processing, risk management, loss prevention, legal and related services.

It is also the purpose of this Agreement to provide, to the extent permitted by law, for the inclusion at a subsequent date of such additional public agencies organized and existing under the laws of the State of California or of any other state of the United States as may desire to

become parties to this Agreement and members of the Authority, subject to approval by the Board.

ARTICLE 2 RULES OF CONSTRUCTION

- A. The following rules of construction apply:
1. The present tense includes the past or future tense; the future tense includes the present tense.
 2. The singular includes the plural and the plural includes the singular.
 3. “Shall” is mandatory and “may” is permissive.
 4. The masculine gender includes the feminine and neuter.

ARTICLE 3 PARTIES TO AGREEMENT

Each party to this Agreement certifies that it intends to, and does contract with, all other parties who are signatories of this Agreement and, in addition, with such other parties as may later be added as parties to, and signatories of, this Agreement. Each party to this Agreement also certifies that the deletion of any party from this Agreement, by cancellation or withdrawal, shall not affect this Agreement nor the remaining parties' intent to contract as described above with the other parties to the Agreement then remaining.

ARTICLE 4 CREATION OF AUTHORITY

Pursuant to Section 6500 *et seq.* of the Government Code, the Authority, a public entity, separate and apart from the parties to this Agreement, is hereby created. The creation of a separate public entity is intended by this Agreement pursuant to Government Code Section 6507. The Authority shall be known as the Golden State Risk Management Authority. The Authority shall be governed by a Board whose composition, powers and duties are set forth in the Bylaws.

ARTICLE 5 TERM OF AGREEMENT

This Agreement is effective July 1, 1979, and continues until terminated as hereafter provided.

ARTICLE 6 BYLAWS

This Agreement fully incorporates the Bylaws, as adopted and which may be amended from time to time consistent with this Agreement, by the Board.

ARTICLE 7 POWERS OF THE AUTHORITY

A. The Authority is authorized, in its own name, to do all acts necessary for the exercise of those powers referred to in Recital 2 including, but not limited to each of the following:

1. Make and enter into contracts;
2. Incur debts, liabilities, and obligations; but no debt, liability, or obligation of the Authority is a debt, liability, or obligation of any Member Agency which is a party to this Agreement, except as otherwise provided in Article 8 herein and in Article IV of the Bylaws;
3. Acquire, hold or dispose of real and personal property;
4. Receive contributions and donations of property, funds, services, and other forms of assistance from any source;
5. Sue and be sued in its name;
6. Employ agents and employees;
7. Acquire, construct, manage, and maintain buildings;
8. Lease real or personal property including that of a Member Agency;
9. Receive, collect, invest, and disburse moneys; and
10. All other powers described in Government Code Sections 6508 and 6509.5 which sections are incorporated by reference.

These powers shall be exercised in the manner provided by law, and, except as expressly set forth in this Agreement, subject only to those restrictions upon the manner of exercising the powers which are imposed upon the County of Glenn in the exercise of similar powers.

ARTICLE 8 AUTHORITY FUNCTIONS AND RESPONSIBILITIES

A. The Authority shall perform the following functions in discharging its responsibilities under this Agreement:

1. Adopt an annual budget;
2. Establish such funds and accounts as required for efficient operation of the Authority and good accounting practices;
3. Maintain or have maintained accurate loss records for all covered risks, for all Claims paid, and for such other losses as the Board requires or directs be maintained;
4. Acquire protection against risks, as authorized by the Board, that may include, but are not limited to, general liability, public officials' errors and omissions liability, employment practices liability, pollution liability, automobile liability, watercraft liability, workers' compensation, property, and equipment breakdown, through, but not limited to, self-insurance funding, risk pooling and/or commercial insurance, for primary, excess and/or umbrella insurance coverage, by negotiation, bid, or purchase;
5. Provide loss prevention, safety and loss control services;
6. Provide Claims management services for covered risks;
7. Provide Claims recovery and subrogation services to investigate, pursue, and collect for damages resulting from Covered Losses that are caused, partly or totally, by the acts of others;
8. Select and retain legal counsel and Claims legal defense counsel;
9. Perform other functions for the purpose of accomplishing the goals of this Agreement.

ARTICLE 9 MEMBER AGENCY RESPONSIBILITIES

A. Each Member Agency has the following responsibilities:

1. Designate a primary contact for the Authority;

2. Pursuant to the procedures set forth in the Bylaws, appoint representatives to the Authority Board;
3. Pay timely all contribution charges, contribution surcharges, adjustments or any other fees or charges.
4. Notify and cooperate fully with the Authority in all matters relating to any and all Claims;
5. Provide annually all information required or requested by the Authority in order for the Authority to properly calculate contributions and to carry out the Joint Protection Program under this Agreement;
6. Provide annually current, complete, and accurate information of the values of buildings and contents covered by the Authority;
7. Maintain loss prevention and risk management policies that can reasonably be expected to reduce, or minimize, the Member Agency's losses;
8. Such other responsibilities as are provided elsewhere in this Agreement and as are established by the Board in order to carry out the purposes of this Agreement.

ARTICLE 10 TERMINATION

A. This Agreement may be terminated at any time by the written consent of three-fourths of the Member Agencies, provided, however, that this Agreement and the Authority shall continue to exist for the purpose of disposing of all Claims, distribution of assets and all other functions necessary to wind up the affairs of the Authority.

B. Upon termination of this Agreement, all assets of the Authority shall be distributed only among the parties that have been Member Agencies in the joint protection program, including any of those parties which previously withdrew, in accordance with and proportionate to their contribution payments made during the term of this Agreement. The Board shall determine such distribution within six months after the last pending Claim or loss covered by this Agreement has been finally adjusted, resolved and concluded.

C. The Board is vested with all powers for the purpose of concluding and dissolving the business affairs of the Authority. These powers shall include the power to assess current and former Member Agencies (Member Agencies at the time existing unpaid Claims arose or losses incurred), to pay any additional amounts necessary for the final disposition of all Claims and

losses covered by this Agreement. A Member Agency's share of such additional contribution shall be determined on the same basis as that provided for in Paragraph B. of this Article.

D. Termination of any Member Agency shall not be construed as a completion of the purpose of this Agreement and shall not require the repayment or return to any terminating Member Agency of all or any part of any contributions, payments or advances made until the Agreement is rescinded or terminated as to all parties.

E. The decision of the Board under this Article shall be final.

ARTICLE 11 PROHIBITION AGAINST ASSIGNMENT

No Member Agency may assign any right, claim, or interest it may have under this Agreement, and no creditor, assignee, or their party beneficiary of any Member Agency shall have any right, claim, or title to any part, share, interest, fund, contribution, or asset of the Authority.

ARTICLE 12 AMENDMENTS

This Agreement may be amended from time to time by an affirmative vote of more than 50% of the Member Agencies.

ARTICLE 13 ENFORCEMENT

The Authority is hereby granted the authority to enforce this Agreement. In the event any action is instituted concerning a dispute involving any provision of this Agreement, the prevailing party in such action shall be entitled to such sums as the court may fix as attorneys fees and costs.

ARTICLE 14 COUNTERPARTS

This Agreement may be executed in one or more counterparts and shall be as fully effective as though executed in one document.

ARTICLE 15
COMPLETE AGREEMENT

The foregoing constitutes the full and complete Agreement of the parties. There are no oral understandings or agreements not set forth in writing herein.

ARTICLE 16
FILING WITH SECRETARY OF STATE

The Risk Manager shall file a notice of this Agreement with the office of California Secretary of State within thirty (30) days of its effective date, as required by the Government Code section 6503.5 and within seventy (70) days of its effective date as required by Government Code section 53051.

SIGNATORIES

The original signatures for the Member Agencies are set forth in the original Joint Powers Agreement. The necessary signatures for Amendments to this Agreement are set forth with each Amended Agreement.

GOLDEN STATE RISK MANAGEMENT AUTHORITY
BYLAWS

TABLE OF CONTENTS

ARTICLE		
I.	DEFINITIONS	3
II.	OFFICES	4
III.	GOVERNING BOARD	
	A. GOVERNING BOARD	4
	B. ELECTION OF BOARD MEMBERS	4
	C. TERMS OF OFFICE	5
	D. VOTING AND COMPENSATION	6
	E. POWERS OF THE BOARD	6
	F. ADDITIONAL DUTIES OF THE BOARD	7
IV.	OFFICERS	
	A. PRESIDENT AND VICE PRESIDENT	7
	B. RISK MANAGER	7
	C. TREASURER AND AUDITOR	8
	D. ASSUMPTION OF DUTIES	8
	E. OFFICIAL BOND	8
	F. REMOVAL AND VACANCIES	9
V.	LIABILITY OF GOVERNING BOARD, OFFICERS, COMMITTEE MEMBERS AND LEGAL ADVISORS	9
VI.	BOARD MEETINGS	
	A. REGULAR MEETINGS	9
	B. SPECIAL MEETINGS	10
	C. RALPH M. BROWN ACT AND CLOSED SESSIONS	10
	D. PLACE OF MEETINGS	11
	E. RULES OF ORDER AND MINUTES	11
	F. QUORUM	11
	G. ADJOURNED MEETINGS	11
VII.	MEMBERSHIP	
	A. NEW MEMBER AGENCIES	12
	B. CANCELLATION	12
	C. WITHDRAWAL	13
	D. EFFECT OF WITHDRAWAL	13
VIII.	ACCOUNTS, RECORDS, AND AUDITS	
	A. ACCESSIBILITY OF BOOKS AND RECORDS	13
	B. AUDITS	13
	C. AUTHORIZATION OF PAYMENTS	14
IX.	NOTICES	14

X.	CONTRIBUTIONS	
	A. CONTRIBUTION CHARGE	14
	B. REBATES	15
	C. CONTRIBUTION SURCHARGE	15
	D. INSTALLMENT PLANS	16
	E. TIMELINESS OF PAYMENTS	16
XI.	COVERAGES	
	A. BASIC RISK COVERAGES	17
	B. PROPERTY COVERAGE	17
	C. EFFECTIVE DATE	17
	D. SUBROGATION	17
	E. SPECIAL COVERAGES	17
	F. ADDITIONAL INSURANCE COVERAGES	18
	G. WORKERS' COMPENSATION PENALTIES	18
XII.	SETTLEMENT AUTHORITY	18
XIII.	DISPUTE RESOLUTION	
	A. NEGOTIATION	18
	B. APPEAL TO THE BOARD	19
	C. RECONSIDERATION	19
	D. ARBITRATION OR MEDIATION	19
	E. LITIGATION	20
XIV.	AMENDMENTS	20

ARTICLE I.
DEFINITIONS

A. Unless the context otherwise requires, the designated terms in the Joint Powers Agreement and Bylaws have the following definitions:

1. “Authority” means the Golden State Risk Management Authority.
2. “Basic Risk Coverages” shall mean the protection package offered to all Member Agencies, consisting of protection for risks related to General Liability, Workers’ Compensation, Property, and Miscellaneous exposures, unless an exception has been made by the Board.
3. “Board” or “Governing Board” shall mean the governing board of the Authority;
- 4 “Certificate of Coverage” or “COC” is the document issued by the Authority to Member Agencies specifying the scope and amount of pooled protection provided to each Member Agency by the Authority.
5. “City” shall include cities, towns, and villages, whether incorporated or not. City does not include a County.
6. “Claim” shall mean any demand, action, suit or proceeding against a Member Agency arising out of an occurrence that falls within the Authority's Joint Protection Program.
7. “County” shall mean a political subdivision of the State of California or any other State of the United States of America. County does not include a City.
8. “Covered Loss” is a loss resulting from a Claim against a Member Agency, in excess of the Member Agency's deductible, retained limit or self-insured retention that falls within the Joint Protection Program, as prescribed by the pertinent Memorandum of Coverage and Certificate of Coverage.
9. “Excess Coverage” shall mean that coverage afforded by commercial insurance or any pooling arrangement purchased by the Authority to cover losses in excess of the Authority’s own deductible, retained limit or self-insured retention.
10. “Fiscal Year” is the period from the first day of July of each year to and including the thirtieth day of June of the following year.
11. “Incurred Loss” is the sum of moneys paid and reserved by the Authority that is necessary to investigate and defend a Claim and to satisfy a Covered Loss sustained by a Member Agency.

12. “Joint Protection Program” or “Program” shall mean the operation of the Authority under which the Member Agencies are protected against designated losses, through pooling of self-insured funds, joint purchase of commercial insurance, or any combination as determined by the Board.
13. "Member" means a member of the Board.
14. “Member Agency” means any public agency that is a party to this Agreement.
15. “Memorandum of Coverage” or “MOC” is the document issued by the Authority to Member Agencies specifying the limits of liability of the coverage provided to each Member Agency, including the Authority’s deductible or retention amount and Excess Coverage limits.
16. “Special District” shall mean special districts created pursuant to the law of the State of California or of any other state which provides any governmental service. Special Districts shall be treated as Member Agencies except that Special Districts governed through the Board of Supervisors of a County shall be represented on the Board by that County in accordance with Article III hereof.

ARTICLE II. OFFICES

The Authority’s principal office for the transaction of business is located at 243 West Sycamore Street, Willows, California. The Governing Board may change the location of the principal office from time to time.

ARTICLE III. GOVERNING BOARD

A. GOVERNING BOARD

The Authority shall be governed by a Board composed of seven (7) Members, all of whom shall be elected or appointed Members of the governing boards of Member Agencies. The Members of the Board shall be composed of: (1) two Members from the boards of supervisors of County Member Agencies; (2) one Member from the city council of a City Member Agency; (3) one Member from the board of trustees of a school district Member Agency; (4) one Member from the board of directors of a cemetery district Member Agency; (5) one Member from the board of directors of a fire protection district Member Agency; and (6) one member from the board of directors of a Special District Member Agency.

B. ELECTION OF BOARD MEMBERS

1. Annual elections are to be held to fill vacating positions on the Governing Board as described herein. The election process shall include the use of the Board Member Election Timeline. The Timeline shall be updated and approved by the Board annually. The Board Member Election Timeline shall be maintained as a separate document.

2. Vacancies for the Board alternate with representatives for cemetery districts, cities and school districts opening in even numbered years and representatives for fire districts and special districts opening in odd numbered years. Currently, two county representatives are appointed by the Glenn County Board of Supervisors on their own appointment schedule.

Districts in the above member groups will be invited to nominate themselves. The nomination will be for a particular district not for an individual person. If elected, the chosen district shall: (a) appoint a member of their governing board to serve on the Board, and also (b) appoint a second member of their governing board to serve as an alternate Board Member. In the absence of the appointed representative due to (a) resignation, or (b) inability to attend any Board meetings, the alternate representative shall (a) substitute for and replace the resigned representative, or (b) attend board meetings in the place and stead of the absent representative. If no nominations are received for a particular group, the Board shall appoint an individual meeting all requirements for representing that group to fill the opening for the duration of the term.

Once the nomination period has closed and the slate of nominated districts is approved by the Board, an election will be conducted. If a member is the only district nominated for a group, no election voting shall be held for that group and that district will be the considered the winner of the election.

During this election period, nominated districts may contact districts in their peer group to promote their desire to appoint a representative to the Board.

Each district will get one vote each. The vote will either be by board action or by the district representative (usually the district manager or primary contact) as authorized by the district board.

All communication to members will be through their preferred method of communication (email or USPS). Members may vote either electronically or via USPS or fax.

Vote count will not be disclosed to any party prior to the results being presented to the Board.

Election winners are determined by a simple majority of the votes cast. In case of a tie among those receiving the most votes, the winner will be decided by random selection from those candidates that are tied.

If a seated board member is no longer a member of their represented District's governing board, the governing board of that district shall appoint another representative from their governing board. If that board does not appoint a

member by the next meeting of the Board, the Board shall appoint an individual meeting all requirements for representing that group for the duration of the term.

If a chosen district has determined to and acted to withdraw from GSRMA, then: (a) when a withdrawal occurs before the term of the appointed representative begins, then the next highest vote getter shall be the chosen district in that member group; or (b) if the withdrawal occurs after the term has begun, the Board shall fill this vacancy by appointing another member agency in that member group to act as a chosen district and to appoint a member of their governing board to serve on the Board for the duration of the term.

C. TERMS OF OFFICE

1. The term of each Member shall be two years.
2. Each Member serves at the pleasure of his or her respective appointing governing body and may be replaced at any time. The County Members shall also represent all special districts that are governed by County boards of supervisors. No person who is an employee of any Member Agency shall be appointed to serve on the Governing Board.

D. VOTING AND COMPENSATION

1. Each Member has one vote.
2. Each district represented by a board member shall be entitled to \$5,000 per member per year of service on the Board. In addition, Members shall be entitled to reimbursement for transportation expenses incurred in connection with performance of duties as a Member pursuant to the Internal Revenue Service's established allowance. The Board may authorize additional reimbursement for other expenses incurred in connection with duties as a Member.

E. POWERS OF THE BOARD

The Board, consistent with the purposes of the Agreement and these Bylaws, has the power to:

1. Adopt and amend the Authority's Bylaws;
2. Adopt an Annual Operating Budget.
3. Approve or reject agencies applying to become Member Agencies;
4. Elect and remove the risk manager and officers of the Authority;

5. Establish an executive committee or any other committees and delegate to them functions not otherwise reserved to the Board;
6. Contract with consultants and other professional persons or firms, as it considers necessary to carry out the purposes of the Agreement;
7. Authorize risk management audits to review the participation of each Member Agency in the Program;
8. Authorize any officer, staff member, or agent of the Authority to execute any contract in the name of and on behalf of the Authority, and such authorization may be general or specific in nature; however, unless so authorized, no officer, staff member or agent shall have any power to bind the Authority by contract;
9. Approve loss analysis controls by use of statistical analysis, data processing, record and file keeping services in order to help identify high exposure operations and evaluate proper levels of self-retention and possible deductibles;
10. Approve plans to assist Member Agencies in maintaining current, complete, and accurate building and contents values by location for insured properties;
11. Conduct all necessary actions in concluding and dissolving the business affairs of the Authority, including determining the distributions to Member Agencies upon termination of the Authority;
12. Approve specific risks for which the Authority intends to provide protection;
13. Determine the necessity for and amount of any contribution surcharge that may be imposed because of circumstances described in Article X.C.1. and 2. of these Bylaws; and
14. Act in furtherance of the Agreement and these Bylaws.

F. **ADDITIONAL DUTIES OF THE BOARD**

In addition to duties specifically expressed in the Agreement or in the Bylaws, the Board shall:

1. Maintain membership in at least one (1) public risk management association.
2. Assign at least one (1) Member to attend an annual risk management conference.

ARTICLE IV.
OFFICERS

A. **PRESIDENT AND VICE-PRESIDENT**

The Board shall elect a president and vice-president from among its Members at its first meeting each calendar year. Thereafter, at its first meeting in each succeeding calendar year, the Board

shall elect a president and vice-president. The term of office of the president and vice president shall be for one (1) year. If either the president or vice-president ceases to be a Member, the resulting vacancy shall be filled at the next regular meeting of the Board which is held after the vacancy occurs. The president shall preside at and conduct all meetings of the Board. In the absence or inability of the president to act, the vice president acts as president. The president also serves as the treasurer of the Authority.

B. RISK MANAGER

The risk manager shall be selected and appointed by the Board. The position includes the functions of secretary, chief administrative officer of the Authority, and auditor. The risk manager shall be responsible to the Board for the performance of all functions of the Authority as provided in the Agreement and these Bylaws. In the absence of both the president and vice-president, the risk manager shall preside at and conduct meetings of the Board.

C. TREASURER AND AUDITOR

Other than prescribed above, the Board may appoint one of the Authority's officers or employees to serve in the position of either treasurer or auditor, or both of such positions. These offices may be held by separate officers or employees or combined and held by one officer or employee. Such person or persons appointed shall have the powers, duties, and responsibilities as set forth in Government Code Sections 6505, 6505.5 and 6505.6, including the duty to cause an independent annual audit to be made in compliance with Government Code Section 6505.

1. The treasurer shall:
 - a. Have the custody of the Authority's funds;
 - b. Disburse the Authority's funds pursuant to the Board's authority;
 - c. Invest and reinvest the Authority's funds in accordance with state law.
2. The auditor shall:
 - a. Draw warrants to pay demands against the Authority. The warrants drawn by the auditor shall be reviewed by the Board and approved and ratified at the first meeting of the Board following the draft of the warrants;
 - b. Establish and maintain the funds and accounts in accordance with acceptable accounting practices and shall maintain such other records as the Board requires;
 - c. Within one hundred twenty (120) days after the close of each Fiscal Year, give a complete written report of all financial activities for that Fiscal Year to the Authority for the annual audit by a certified public accountant.

D. ASSUMPTION OF DUTIES

Each officer shall assume the duties of his office upon election or appointment, unless otherwise declared by the Board.

E. OFFICIAL BOND

The Board shall require the risk manager, treasurer, and auditor to cause to be filed with the Authority an official bond in an amount to be fixed by the Board, but not less than \$500,000. The Authority shall pay the cost of the premiums for each bond required by it. In the alternative, the Authority may utilize and participate in bond coverage by means of a master bond jointly purchased by public agencies.

F. REMOVAL AND VACANCIES

The Board may remove an officer at any time. A vacancy in an officer position, because of death, resignation, removal, disqualification, or any other cause, shall be filled by election of the Board.

ARTICLE V.
LIABILITY OF GOVERNING BOARD, OFFICERS,
COMMITTEE MEMBERS AND LEGAL ADVISORS

A. Members, officers, committee members, and legal advisors to the Board or any committees of the Authority shall use ordinary care and reasonable diligence in the exercise of their powers and in the performance of their duties pursuant to the Agreement and Bylaws. They shall not be liable for any mistake of judgment or any other action made, taken or omitted by them in good faith, nor for any action taken or omitted by any agent, employee or independent contractor selected with reasonable care, nor for loss incurred through investment of Authority funds, or failure to invest.

B. No Member, officer, committee member, or legal advisor to the Board or any committee shall be responsible for any action taken or omitted by any other Member, officer, committee member, or legal advisor to the Board or any committee. No Member, officer, committee member, or legal advisor to the Board or any committee shall be required to give a bond or other security to guarantee the faithful performance of their duties pursuant to the Agreement and Bylaws.

C. The Authority shall investigate and defend actions against, and pay on behalf of the Authority, the Board, the individual Members, the officers of the Authority, any committee, the individual committee members and any legal advisor to the Board within the scope of their assigned duties pursuant to Article IV, subject to a limit of liability within the discretion of the Board, all sums that they or any of them become legally obligated to pay as damages because of any act or omission in the performance of their respective duties as provided in the Agreement and in these Bylaws. This coverage shall not apply to intentionally dishonest or fraudulent acts,

or to punitive damages, penalties or sanctions. In the alternative, the Authority may purchase insurance coverage for these exposures, to the extent allowed by law.

D. The risk manager shall contract for all necessary investigation and shall select defense counsel under this Article.

ARTICLE VI. **BOARD MEETINGS**

A. REGULAR MEETINGS

1. The Board shall hold bi-monthly meetings. Unless otherwise notified pursuant to the Ralph M. Brown Act, these meetings shall be held at 6:00 p.m. on the second Wednesday of every other month (i.e. July, September, November, January, March, and May, or as determined by the Board. The Board may change the meeting date to accommodate any calendar conflicts or cancel a meeting if it's not needed.
2. Written notice of each regular meeting of the Board shall be delivered to each Member and/or alternate Member at least seven (7) days in advance of the meeting. The notice shall specify:
 - a. The place, date and hour of the meeting,
 - b. Those matters which are intended to be presented for action by the Board,
 - c. The general nature of any proposal for action by the Board concerning a change in the Agreement or these Bylaws, a change in the membership of the Authority, or any other matter substantially affecting the rights and obligations of the Member Agencies.

B. SPECIAL MEETINGS

1. A special meeting of the Board may be called at any time by the president of the Board, or by a majority of the Members or by the risk manager subject to the requirements for 24-hour written notice to the members and to requesting representatives of the media provided in Section 54956 of the California Government Code.
2. The notice of a special meeting shall specify the time and place of the meeting and the business to be transacted. No other business shall be considered at the meeting.

C. RALPH M. BROWN ACT AND CLOSED SESSIONS

1. Each meeting of the Board, including, without limitation, regular, adjourned regular and special meetings, including any closed session, shall be called,

noticed, held, and conducted in accordance with the Ralph M. Brown Act (Section 54950 et. seq. of the Government Code).

2. Closed sessions for pending litigation shall not be semi-closed. Interested members of the public shall not be admitted to a closed session. Closed sessions for pending litigation shall only be attended by Members, legal counsel to the Board, and necessary Authority staff. Persons without an official role in the meeting shall not be present.
3. The risk manager, or his alternate, shall attend closed sessions as the sole necessary or required member of the Authority staff.

D. PLACE OF MEETINGS

Each regular or special meeting of the Board shall be held at a place within the State of California designated by the Board at its preceding meeting or, if no such designation is made, as designated by the risk manager or the president of the Board.

E. RULES OF ORDER AND MINUTES

1. The risk manager shall keep minutes of all regular, adjourned regular and special meetings. Within sixty (60) days after the adoption of the minutes of a meeting, the risk manager shall have a copy of the adopted minutes made available online in the Authority's website accessible by each Member and by each Member Agency through their respective accounts. Alternatively, if a Member or a Member Agency has no internet access, the Authority shall provide a copy of said minutes to the Member or Member Agency upon written request.
2. All meetings of the Board, and of any committees of the Authority, shall be conducted in accordance with Robert's Rules of Order, provided that in the event of a conflict, such rules shall be superseded by the Agreement, these Bylaws, and California law.

F. QUORUM

No business may be transacted without a quorum of the Members being present. A quorum shall consist of four (4) Members. Four Members must vote in favor of a motion to approve it. The Board shall adopt appropriate rules, not inconsistent herewith, for the orderly transaction of its business.

G. ADJOURNED MEETINGS

1. The Board may adjourn any regular or special meeting to a time and place specified in the order of adjournment, whether or not a quorum has been

established. If a quorum is not established, no business other than adjournment may be conducted.

2. A copy of the order for adjournment shall be posted as required by Section 54955 of the California Government Code. No other notice of an adjourned meeting shall be necessary, unless the transacted adjournment is for a period of thirty (30) days or more, in which case notice of the adjourned meeting shall be given in the same manner as notice of the original meeting.

ARTICLE VII. MEMBERSHIP

A. NEW MEMBER AGENCIES

1. Public entities that have applied for membership may be approved by the Board and may be admitted to the Program at any time. The Board shall have the sole discretion to admit or reject new Member Agencies. In and through their application for, and acceptance of membership, new Member Agencies shall agree to accept, comply with, and be bound by all the provisions of the Agreement and Bylaws.
2. The agency requesting membership shall supply all loss experience and risk exposure data together with any other relevant information requested by the risk manager.

B. CANCELLATION

The Authority shall have the right to cancel any Member Agency's participation in the Program upon two-thirds vote of the Board. Any Member Agency so canceled shall, on the effective date of the cancellation, be treated the same as if the Member Agency had voluntarily withdrawn from the Program.

C. WITHDRAWAL

1. A Member Agency may withdraw only at the end of a Fiscal Year of the Authority, provided it has given the Authority a twelve-month written notice of its intent to withdraw from this Agreement and the Program, except as otherwise permitted by the Board.
2. Any Member Agency that withdraws as a party to this Agreement pursuant to this Article shall not be reconsidered for new membership until the expiration of five years from the Member Agency's withdrawal. However, the Board in its discretion may approve an exception to this rule for a particular applicant.

D. EFFECT OF WITHDRAWAL

1. The withdrawal of any Member Agency from this Agreement shall not terminate this Agreement and no Member Agency, by withdrawing, shall be entitled to payment or return of any contribution, consideration, or property paid or donated by the Member Agency to the Authority, or to any distribution of assets.
2. The withdrawal of any Member Agency after the effective date of the Program shall not terminate its responsibility to contribute its share of contributions to the program until all claims, or other unpaid liabilities, covering the period the Member Agency was signatory hereto have been finally resolved and a determination of the final amount of payments due by the Member Agency or credits to the Member Agency for the period of its membership has been made by the Board. In connection with this determination, the Board may exercise similar powers to those provided for in Article 10 (Termination) of the Agreement.

ARTICLE VIII.
ACCOUNTS, RECORDS, AND AUDITS

A. ACCESSIBILITY OF BOOKS AND RECORDS

Books and records of the Authority in the possession of the auditor shall be open to inspection at all reasonable times by designated representatives of the Member Agencies.

B. AUDITS

1. The Authority shall contract with a certified public accountant for an annual audit of the accounts and records of the Authority at the end of each Fiscal Year. The minimum requirements of the audit shall be those prescribed by the State Controller under Government Code Section 26909 and shall conform to generally accepted auditing standards.
2. Within six months after Board approval, the risk manager shall have a copy of the audit report accessible online in the Authority's website by Member Agencies through their accounts. Alternatively, if a Member Agency has no internet access, the Authority shall provide a copy of said Board-approved audit report to Member Agencies who request so in writing.
3. The Authority shall bear the costs of the audit. These costs are a charge against the operating funds of the Authority.

C. AUTHORIZATION OF PAYMENTS

Before payment by the treasurer of any invoices, billings, and claims for payment of losses, such documents must be approved and signed by the president, vice president, or the risk manager or his or her designee.

ARTICLE IX.
NOTICES

- A. Notice to a Member Agency under this Agreement and Bylaws shall be sufficient if made available online in the Authority's website accessible through the Member Agency's online account, or electronically mailed to the Member Agency's designated primary contact, or mailed to the office of the Governing Board of the Member Agency.
- B. Notice to the Authority shall be sufficient if mailed to the office of the risk manager.

ARTICLE X.
CONTRIBUTIONS

A. CONTRIBUTION CHARGE

1. The risk manager shall calculate annually the amount of the contribution charge for each Member Agency's Basic Risk Coverages. The risk manager may seek the assistance of an actuary, risk management consultant or other qualified person, in calculating the contribution charge for each Member Agency's Basic Risk Coverages. The risk manager shall make estimated calculations, obtain approval of the Board, and shall distribute the contribution charge bills at least thirty (30) days before the end of the Fiscal Year preceding the year for which the annual contribution charges apply.
2. The risk manager shall determine the annual contribution charge for each Member Agency for each type of coverage under Basic Risk Coverages upon the basis of a cost allocation plan and rating formula developed and approved by the Board. The annual contribution charge for each Member Agency shall include that Member Agency's prorated share of excess insurance contribution or premium and/or reinsurance costs; charge for pooled risk, recognizing the deductible selected and including a margin for contingencies as determined by the Board; claims adjusting and legal cost; and administrative costs and other costs to operate the Authority. The risk manager shall also consider each Member Agency's loss history and loss exposure together with the performance of each Program (coverage) in making the calculations of the annual contribution for each Member Agency.

B REBATES

The Board shall have the authority to rebate the proportionate shares of any surplus funds in a Fiscal Year to that Fiscal Year's Member Agencies. The Board may require that any such rebates be applied in reduction of future contributions.

C. CONTRIBUTION SURCHARGE

1. If the Authority experiences unusually severe losses or an unusually large number of losses under any part of the Program in a Fiscal Year, such that notwithstanding reinsurance coverage for large individual losses, the Authority's insurance funds for that part of the Program may be exhausted before the next annual contributions are due, the Board may, upon consultation with an actuary, impose contribution surcharges on all participating Member Agencies.
2. If it is determined by the Board, upon consultation with an actuary, that the Authority's insurance funds for a part of the Program are insufficient to (a) pay losses, (b) fund known estimated losses, and (c) fund estimated losses which have been incurred but not reported, the Board may impose a surcharge on all participating Member Agencies.
3. Contribution surcharges imposed pursuant to (1) and (2) above shall be in an amount which will assure adequate funds for the part(s) of the Program to be actuarially sound; provided that the contribution surcharge to any participating Member Agency shall not exceed an amount equal to three (3) times the Member Agency's annual contribution for that Fiscal Year, unless otherwise determined by the Board. No contribution surcharge in excess of three times the Member Agency's annual contribution for that Fiscal Year may be assessed, unless ninety days (90) prior to the Board taking action to determine the amount of the surcharge, the Authority provides notice pursuant to the Bylaws to each participating Member Agency of its recommendations regarding its intent to assess a contribution surcharge and the amount recommended to be assessed each Member Agency. The Authority shall, upon request by a Member Agency, provide the requesting Member Agency a copy of the actuarial study upon which the recommended contribution surcharge is based.
4. A Member Agency which has withdrawn or has been terminated at the time a contribution surcharge is assessed, but which was a participating Member Agency during the Fiscal Year(s) for which the contribution surcharge is being assessed, shall pay such contribution surcharges as it would have otherwise been assessed in accordance with the provisions of (1), (2) and (3) above.

D. INSTALLMENT PLANS

Member Agencies shall be permitted to pay their respective annual contribution charge in periodic installments consistent with Board-approved policy.

E. TIMELINESS OF PAYMENTS

1. A Member Agency's payment for the annual contribution charge is due and payable on or by July 1 of the Fiscal Year for which the Authority is providing Basic Risk Coverages. Unless the Board has authorized installment payments, failure of a Member Agency to pay its annual contribution charge in full by August 1 shall constitute sufficient grounds for the Board to immediately cancel the Member Agency's certificate of protection.
2. Any bill other than for the annual contribution charge is due to be paid within thirty (30) days from the date when said bill was mailed to the Member Agency.
3. The Board may adopt a penalty policy for any late payment of any bill, including, but not limited to, for contribution charges, contribution surcharges, and any adjustment. For the Authority to be able to impose a late-payment penalty against a Member Agency, the Authority, at least thirty (30) days prior to a bill's payment due date, must have provided notice of the adopted penalty policy to the Member Agency pursuant to the notice provisions in the Agreement and Bylaws. Any penalty policy adopted by the Board may be applied against a Member Agency, whether active, terminated or withdrawn.
4. Any and all costs and attorney's fees incurred by the Authority associated, in any way whatsoever, with the collection of contribution charges, contribution surcharges, adjustments, penalties, or any other bill shall be recoverable by the Authority. Upon approval by the Board, if a Member Agency does not pay a bill past due for at least ninety (90) days, the Authority may offset the amount due, in whole or in part, against one or more reimbursement requests submitted by the Member Agency.

ARTICLE XI. **COVERAGES**

A. BASIC RISK COVERAGES

The Basic Risk Coverages contribution charge referred to in Article X above is payment for the coverage provided by the Authority to each Member Agency for the Basic Risk Coverages specified in the Memoranda of Coverage and Certificates of Coverage. The Board may, but is not required, to use standard form policies. The scope of Basic Risk Coverages in the pool shall be determined by the Board. Each Member Agency by the act of paying the contribution charge accepts the Basic Risk Coverages provided by the Authority.

B. PROPERTY COVERAGE

In case of property coverage, such as fire, the policy limits shall be at or greater than the amount of the insurable replacement value of all the property of each of the Member Agencies which the

Member Agencies and Authority agree to be covered. The agreed valuation shall be updated annually according to the revised values to be furnished by each Member Agency, which have been obtained as prescribed in Article 9.A.6. of the JPA Agreement.

C. EFFECTIVE DATE

Pursuant to the payment of contributions by each Member Agency to the Authority, the Authority shall issue to each Member Agency a COC and MOC, indicating the coverage provided to the Member Agency by the Authority. The coverage provided by the policy begins for each Member Agency on such date as set forth in the MOC and shall expire at the end of each Fiscal Year of the Authority.

D. SUBROGATION

The Authority shall have the first right to any subrogation recovery. Each subrogation action shall be brought on behalf of both the Member Agency and the Authority. The Authority may pursue subrogation only as respects a Covered Loss.

E. SPECIAL COVERAGES

The Board may, from time to time, adopt special changes to cover additional or lesser risks. A reasonable surcharge may be imposed when the activities of a Member Agency increases the risk to the membership pool. A special change could also be made by the Board upon the request of one or more Member Agencies for additional coverage with the cost of such additional coverage to be paid by the requesting Member Agencies.

F. ADDITIONAL INSURANCE COVERAGES

The Authority shall have the power and authority to establish and offer to all public agencies, whether a Member Agency or not, programs consisting of additional insurance coverages, which may, but are not required to, involve employee fringe benefit plans. Participation in any proffered program of additional insurance coverage shall be voluntary on the part of any Member Agency and shall not affect their participation in the Basic Risk Coverages provided. Selection of particular programs or plans to be offered shall be made by the Governing Board. The Board shall establish the contribution charges including administration costs, method of payments of contributions, and manner and method of administering each such plan or program.

G. WORKERS' COMPENSATION PENALTIES

Any and all penalties assessed against the Authority by the Division of Workers' Compensation shall be paid as follows:

1. Penalties assessed due to the failure of a Member Agency (Employer) to comply with the time requirements or reporting requirements as stated in the Workers' Compensation law shall be paid by the Member Agency (Employer).

2. Penalties assessed due to the failure of the Authority (Insurer) to comply with the time requirements or reporting requirements as stated in the Workers' Compensation law shall be paid by the Authority.

ARTICLE XII.
SETTLEMENT AUTHORITY

A. The Authority shall have the power and authority to negotiate the settlement of any Claim against a Member Agency involving public entity liability or workers' compensation without the consent of the Member Agency, except that consent shall be necessary only if the settlement amount will exceed the Authority's limit of liability.

B. Affected Member Agencies shall have the right to provide the Board with any input or information desired on any pending Claim at any time. The Board shall consider this input in making its decisions on settlements.

ARTICLE XIII.
DISPUTE RESOLUTION

A. NEGOTIATION

The risk manager shall investigate the facts of the dispute and, if necessary, obtain a legal opinion from the Authority's counsel on any legal issues. The Member Agency may submit a factual statement and a legal opinion, together with any substantiation thereof, to the risk manager. The risk manager shall then attempt to negotiate a resolution of the dispute. Any negotiated resolution shall be taken to the Board for confirmation and approval. If negotiation fails, and the disputed matter is within the authority of the risk manager, the risk manager shall decide the matter in the best interests of the Authority.

B. APPEAL TO THE BOARD

1. If the Member Agency is dissatisfied with the decision of the risk manager, or if the dispute is unresolved because negotiation failed, the Member Agency may appeal in writing to the Board. This appeal shall be requested by the Member Agency within thirty (30) days of the date of the Risk Manger's decision, or of the date on which the risk manager notifies the Member Agency of the determination that negotiation had failed. Upon receipt of the appeal, the matter shall be set for hearing by the Board at the next available regular Board meeting.
2. The risk manager and the Member Agency shall each submit in writing, at least ten (10) days in advance of the Board meeting, a description of the dispute and any additional relevant facts, a factual and/or legal argument, and the desired resolution. The Board shall consider all information provided, including any oral presentations, in making its decision. The Board may require the Member Agency and/or the risk manager to provide additional information and, as necessary, may continue the hearing. Any Board member that is a member of the governing board of the appealing Member Agency shall be disqualified from participating in

the appeal. The Board shall direct that written notice of its decision be prepared and served by mail on the appealing member agency within ten (10) working days.

C. RECONSIDERATION

Within ten (10) days after notice of the decision by the Board, the Member Agency may request a hearing by the Board to reconsider its decision. This request for reconsideration shall be in writing and must be based solely upon newly discovered facts or other information not previously considered. The Member Agency shall submit this newly discovered information in writing for consideration by the Board at its next available Board meeting. The Board may allow oral presentations at the hearing. Any Board member that is a member of the governing board of the appealing Member Agency shall be disqualified from participating in the request for reconsideration.

D. ARBITRATION OR MEDIATION

If the Member Agency is not satisfied with the Board's decision on appeal, it may pursue arbitration or mediation. By means of mutual agreement between the Member Agency and the risk manager, the parties may select binding or non-binding arbitration, mediation, use of counsel in the proceedings, and other procedural matters. The cost of arbitration or mediation shall be borne equally by the Member Agency and the Authority, and each party shall be responsible for its own attorney(s) fees, if attorneys are utilized. Any decision in binding arbitration shall be final and complied with by the parties. Should the parties desire to submit the matter to mediation, the mediation shall be conducted as if court-ordered pursuant to California Code of Civil Procedure Section 1775, *et seq.* (without any monetary limitation). Should the parties desire that the matter be submitted to arbitration, the arbitration shall be conducted pursuant to the rules of the American Arbitration Association.

E. LITIGATION

If the Member Agency or the risk manager is not satisfied with the result in non-binding arbitration, or if mediation fails to produce a mutually satisfactory resolution of the dispute, either party may pursue litigation to resolve the dispute. The risk manager may not commence litigation without the approval of the Board. Any litigation shall be subject to the applicable claims and limitations requirements of the Tort Claims Act. The prevailing party in any such litigation shall be entitled to their reasonable attorney(s) fees and costs from the losing party.

ARTICLE XIV. **AMENDMENTS**

These Bylaws may be amended at any time by a majority vote of the Governing Board. Within thirty (30) days following adoption of amendments, the risk manager shall prepare a copy of the amended Bylaws and make it available pursuant to approved notice provisions.



November 9, 2023

To Whom It May Concern:

I certify that there have been no known losses, accidents or circumstances that might give rise to a claim in the past 10 years. This is regarding the following lines of coverage:

- Liability
- Crime

Sincerely,

Thomas Arnold, Chairman
Corning Sub-basin Groundwater Sustainability Agency

9. Annual Audit Services for Fiscal Year 2022/2023

- a. *Authorize staff to request scope of work, quote, and sample contract from specific firms to bring for approval at a future meeting. OR
- b. *Approve issuing Request for Proposals for Annual Audit Services for Fiscal Year 2022/2023 pending Counsel review.
- c. *Appoint Audit Services Ad Hoc Committee and authorize the Committee to complete all tasks necessary to bring a consultant recommendation to the CSGSA.

The CSGSA approved its first budget in 2022, and is now required to conduct annual audits. Staff recommends soliciting a qualified firm of certified public accountants (CPA) with experience in financial auditing services for public agencies to audit the CSGSA's financial statements for the year ending June 30, 2023. Staff further recommends including an option to extend the contract for three (3) fiscal years thereafter.

The CSGSA may solicit a scope of work, quote, and sample contract from specific firms or issue a Request for Proposals (RFP) soliciting annual audit services for fiscal year 2022/2023 with the option to extend the contract for an additional three fiscal years thereafter.

Additionally, it may be helpful to appoint an ad hoc committee to manage the solicitation process including conducting interviews if desired, and bring a recommendation to the CSGSA.

Attachments:

- Request for Proposals for Annual Audit Services for Fiscal Year 2022/2023

November 10, 2023

Corning Sub-basin Groundwater Sustainability Agency

REQUEST FOR PROPOSALS FOR ANNUAL AUDIT SERVICES FOR FISCAL YEAR 2022/2023

Deadline for Submission

3:00 p.m., December 4, 2023

RE: REQUEST FOR PROPOSALS FOR ANNUAL AUDIT SERVICES FOR FISCAL YEAR 2022/2023

1. INTRODUCTION

The Corning Sub-basin Groundwater Sustainability Agency (CSGSA) is soliciting proposals from consultants with experience in financial auditing services for public agencies.

The CSGSA is interested in soliciting proposals from qualified firms of certified public accountants (CPA) to audit the public entity's financial statements for the fiscal year ending June 30, 2023, with the option of extending the contract for three (3) fiscal years thereafter.

CSGSA adopted budgets can be found on the webpage at: **add budget to website and insert webpage**

2. BACKGROUND INFORMATION

On September 14, 2014, Governor Brown signed into law three bills collectively referred to as the Sustainable Groundwater Management Act (SGMA). SGMA requires the formation of groundwater sustainability agencies (GSAs) in state-designated medium and high priority groundwater basins. As authorized by SGMA, the GSA-eligible entities established the Corning Sub-basin Groundwater Sustainability Agency through a Memorandum of Agreement to serve at the GSA for the Glenn County portion of the Corning Subbasin of the Sacramento Valley Groundwater Basin, a high priority subbasin. The member agencies formed the CSGSA with the intent to work together to implement the requirements of SGMA. The CSGSA currently includes three member agencies including County of Glenn, Glenn-Colusa Irrigation District, and Monroeville Water District. The CSGSA does not have any employees, but rather relies on staff support from member agencies. In the coming year, the CSGSA will consider entering into a contractual relationship for administrative services. The CSGSA contracts with technical consultants as needed.

More information on the CSGSA can be found at:

<https://www.countyofglenn.net/dept/planning-community-development-services/water-resources/sustainable-groundwater-management-6>

3. FINANCIAL SUMMARY

The CSGSA established its first budget as a GSA in 2022 with an operating budget of \$120,000. Revenue was derived from member agency contributions. The CSGSA recently adopted a property-related fee that complies with Proposition 218, which will supply the necessary revenue moving forward, beginning in 2023/2024. The fee will be included on the Glenn County tax roll and a small number of self-billed parcel invoices. The county will collect the fee and disperse the funds collected to the CSGSA. The total number of account receivable invoices issued in the fiscal year was three, and is expected to range between approximately 20 and 25 in future years. The total number of accounts payable/claims issued in a fiscal year was 9 and is expected to range between approximately 35-50 transactions. Glenn County has custody of the CSGSA's money.

4. SCOPE OF SERVICES

The audits are to be performed in accordance with generally accepted auditing standards and the provisions of Government Code 6505. A remote audit may be considered, and if proposed, should be clearly identified within the proposal. The auditor will evaluate the adequacy of the internal control system and, where weaknesses are noted, make appropriate recommendations for improvements. A management letter will be submitted by the auditing firm if material weaknesses are noted or if otherwise deemed appropriate.

The auditor will be required to make an immediate written report of all irregularities and illegal acts, of which they become aware, to the CSGSA Chairperson and staff contact.

The audit will cover the basic financial statements and supporting documentation and schedules. The auditing firm shall provide three bound copies in addition to one unbound copy of the auditor's report, financial statements, supporting schedules, and management letters. The partner in charge of the audit shall be available to attend one meeting at which the audit report will be discussed.

The auditing firm shall submit a draft of the financial statements no later than January 15, 2024. In this regard, the CSGSA shall provide all requested financial records not later than December 22, 2023. It is anticipated, this schedule will be shifted to be completed earlier if the contract is extended for future years.

The firm shall make available its working papers and respond to all reasonable inquiries of successor auditors and others to review working papers of the CSGSA, upon the CSGSA's written consent. The auditing firm will retain all working papers, at the firm's expense, for a minimum of seven years, or longer, if required by generally accepted auditing standards.

5. OTHER INFORMATION

All questions or requests for clarification regarding this RFP shall be submitted via email to Lisa Hunter at LHunter@countyofglenn.net. Inquiries must be submitted in writing. Responses will be made at the discretion of the CSGSA and will be issued in the form of an addendum to the RFP which will be posted to the CSGSA website. It is the responsibility of the respondent to access the addendum if one is issued.

6. QUALIFICATIONS

1. Firm's Background and Experience
 - a. The firm shall be an independent Contractor and must be licensed to practice by the State of California as a CPA. A statement stating such shall be included.
 - b. Include a discussion of the firm's experience in financial auditing for agencies of similar size and services provided.
 - c. Include experience and qualifications of project manager and key project staff.

2. Additional pertinent information the CSGSA should consider.
3. Ability to perform work subject to the following tentative schedule:

December 2023	Start Audit
February 2024	Finished Audit/Reports

7. PROPOSAL REQUIREMENTS

One original hard copy, three photocopies, and an electronic copy of the proposal shall be received no later than December 4, 2023 at 3:00 pm. Late proposals will not be accepted or considered. The proposal shall be clearly marked on the outside of the envelope with “CSGSA Audit Services Proposal.” Proposals must be submitted to the Corning Sub-basin GSA at the address listed below.

Corning Sub-basin GSA
 Attn: Lisa Hunter
 225 N. Tehama St.
 Willows, CA 95988

The proposal must include the following clearly labeled sections.

1. **Cover letter** (no longer than 2 pages)
 The cover letter should convey a clear understanding of the requirements and objectives, and why the respondent is uniquely qualified to be awarded a contract. The cover letter shall also include a statement that the proposal shall remain valid for a period of up to ninety (90) days following the receipt of the proposal. The cover letter shall also provide the name, telephone number, and email address for the primary contact during the RFP process.
2. **Respondent’s Qualifications**
 Include responses to the items listed in *Section 6. Qualifications* of this RFP.
3. **Proposed Respondent Team**
 The proposal shall identify the Project Manager who will be primarily responsible for providing services to the CSGSA, and other staff to be assigned to the team. Please include the qualifications, training, and certifications of the Project Manager, and all other staff who will perform the services outlined herein. Include a resume for each, listing education, experience, and expertise in this type of work.
4. **Fee Schedule**
 This section should identify the billing rates for listed personnel, as well as other costs or expenses that would be charged in conjunction with the work. This section should include a total maximum cost and estimated total hours to complete the work outlined in the proposal. The section should also include the maximum percentage(s) and total not to exceed figures by which the price will increase each of the additional years of the contract should the contract be extended.
5. **Conflicts**
 This section should identify whether the Respondent anticipates it would need to obtain conflict waivers from any existing clients and how the Respondent anticipates addressing any potential conflicts with respect to any member agencies.

6. References and Peer Review

Include the names, addresses, and telephone numbers of three (3) public agency clients who have contracted with the Respondent for services similar to those described in this RFP within the last five years. This section shall also include the results of the firm's most recent peer review. A copy of the peer review report must be attached to the proposal.

7. Proposed Scope of Work and Schedule

Submit a proposed scope of work and schedule that demonstrates how the consultant would proceed with the work within the timeframe specified, the proposed project elements, tentative list of data needs, and opportunities for CSGSA participation.

8. EVALUATION CRITERIA

Proposals will be reviewed to evaluate minimum compliance with the RFP. Incomplete proposals may be removed from further evaluation. A panel will review complete proposals meeting minimum requirements using the following criteria (not necessarily in order of importance):

1. Experience and demonstrated competence of the identified key areas of service outlined in the Qualifications section of this RFP.
2. Proposed scope of work.
3. Reference recommendations.
4. Comprehensive consultant fee schedule.
5. Thoroughness of submission.

The CSGSA reserves the right to award a contract based on written responses only, however oral presentations and written questions for further clarifications may be required of some or all of the Respondents.

9. SCHEDULE

To the extent achievable, the following schedule shall govern the RFP. The CSGSA reserve the right to modify the dates below.

November 10, 2023: Issue Request for Proposals

November 16, 2023 at 5:00 pm: Deadline for Submission of Interpretation and/or Questions

November 20, 2023: Issue addendum providing clarifications if needed

December 4, 2023 at 3:00 pm: Closing date for the Request for Proposals

December 8, 2023: Interviews/presentations if needed

December 14, 2023: Award contract(s)

December 2023: Start work

February 2024: Complete Audit

10. Corning Subbasin Groundwater Sustainability Plan (GSP) Determination

- a. Overview of Corning Subbasin GSP “incomplete” determination.
- b. *Appoint Corning Subbasin GSP Determination Response Ad Hoc Committee Member(s).

On October 26, 2023, the Department of Water Resources (DWR) determined the Corning Subbasin GSP to be “incomplete” The GSAs have 180 days to address the deficiencies and resubmit the GSP for evaluation no later than April 23, 2024.

On October 30, 2023, DWR released it’s a guidance document titled [Groundwater Sustainability Plan Implementation: A guide to Annual Reports, Periodic Evaluations, and Plan Amendments](#) and a [Frequently Asked Questions \(FAQ\) and Available Resources](#) document. A document from January 2022 provides FAQs on incomplete determinations (attached).

Tehama County formed an ad hoc committee that will participate in meetings with GSA staff, LSCE, and DWR to clarify and discuss the incomplete determination and understanding of the deficiencies, as outlined in the Frequently Asked Questions document. The CSGSA should consider appointing an ad hoc committee to coordinate these efforts with the Tehama County ad hoc committee. Brian Mori, CSGSA CSAB member has expressed interest in serving on this ad hoc committee.

Attachments:

- Corning Subbasin GSP Determination Letter
- DWR’s Incomplete Determinations & Next Steps Frequently Asked Questions (January 2022)



CALIFORNIA DEPARTMENT OF WATER RESOURCES

SUSTAINABLE GROUNDWATER MANAGEMENT OFFICE

715 P Street, 8th Floor | Sacramento, CA 95814 | P.O. Box 942836 | Sacramento, CA 94236-0001

October 26, 2023

Lisa Hunter
County of Glenn Groundwater Sustainability Agency – Corning
225 North Tehama Street
Willows, CA 95988
lhunter@countyofglenn.net

RE: Sacramento Valley – Corning Subbasin - 2022 Groundwater Sustainability Plan

Dear Lisa Hunter,

The Department of Water Resources (Department) has evaluated the groundwater sustainability plan (GSP or Plan) submitted for the Sacramento Valley – Corning Subbasin. The Department has determined that the Plan is “incomplete” pursuant to Section 355.2(e)(2) of the GSP Regulations.

The Department based its incomplete determination on recommendations from the Staff Report, included as an enclosure to the attached Statement of Findings, which describes that the Subbasin’s Plan does not satisfy the objectives of the Sustainable Groundwater Management Act (SGMA) nor substantially comply with the GSP Regulations. The Staff Report also provides corrective actions which the Department recommends the Subbasin’s groundwater sustainability agencies (GSAs) review while determining how to address the deficiencies.

The Subbasin’s GSAs have 180 days, the maximum allowed by the GSP Regulations, to address the identified deficiencies. Where addressing the deficiencies requires modification of the Plan, the GSAs must adopt those modifications into their respective GSPs and all applicable coordination agreement materials, or otherwise demonstrate that those modifications are part of the Plan before resubmitting it to the Department for evaluation no later than April 23, 2024. The Department understands that much work has occurred to advance sustainable groundwater management since the GSAs submitted their GSPs in January 2022. To the extent to which those efforts are related or responsive to the Department’s identified deficiencies, we encourage you to document that as part of your Plan resubmittal. The Department prepared a [Frequently Asked Questions](#) document to provide general information and guidance on the process of addressing deficiencies in an “incomplete” determination.

Department staff will work expeditiously to review the revised components of your Plan resubmittal. If the revisions sufficiently address the identified deficiencies, the Department will determine that the Plan is “approved”. In that scenario, Department staff will identify additional recommended corrective actions that the GSAs should address

early in implementing their GSPs (i.e., no later than the first required periodic evaluation). Among other items, those corrective actions will recommend the GSAs provide more detail on their plans and schedules to address data gaps. Those recommendations will call for significantly expanded documentation of the plans and schedules to implement specific projects and management actions. Regardless of those recommended corrective actions, the Department expects the first periodic evaluations, required no later than January 2027 – one-quarter of the way through the 20-year implementation period – to document significant progress toward achieving sustainable groundwater management.

If the Subbasin's GSAs cannot address the deficiencies identified in this letter by April 23, 2024, then the Department, after consultation with the State Water Resources Control Board, will determine the GSP to be "inadequate". In that scenario, the State Water Resources Control Board may identify additional deficiencies that the GSAs would need to address in the state intervention processes outlined in SGMA.

Please contact Sustainable Groundwater Management staff by emailing sgmps@water.ca.gov if you have any questions related to the Department's assessment or implementation of your GSP.

Thank You,

Paul Gosselin
Paul Gosselin
Deputy Director
Sustainable Groundwater Management

Attachment:

1. Statement of Findings Regarding the Determination of Incomplete Status of the Sacramento Valley – Corning Subbasin Groundwater Sustainability Plan

**STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES**

**STATEMENT OF FINDINGS REGARDING THE
DETERMINATION OF INCOMPLETE STATUS OF THE
SACRAMENTO VALLEY – CORNING SUBBASIN
GROUNDWATER SUSTAINABILITY PLAN**

The Department of Water Resources (Department) is required to evaluate whether a submitted groundwater sustainability plan (GSP or Plan) conforms to specific requirements of the Sustainable Groundwater Management Act (SGMA or Act), is likely to achieve the sustainability goal for the Subbasin, and whether the GSP adversely affects the ability of an adjacent basin or subbasin to implement its GSP or impedes achievement of sustainability goals in an adjacent basin or subbasin. (Water Code § 10733.) The Department is directed to issue an assessment of the GSP within two years of its submission. (Water Code § 10733.4.) This Statement of Findings explains the Department's decision regarding the submitted Plan by the Corning Subbasin Groundwater Sustainability Agency and the Tehama County Flood Control and Water Conservation District Groundwater Sustainability Agency (GSAs or Agencies) for the Sacramento Valley – Corning Subbasin (Subbasin) (Basin No. 5-021.51).

Department management has reviewed the enclosed Staff Report, which recommends that the identified deficiencies should preclude approval of the GSP. Based on its review of the Staff Report, Department management is satisfied that staff have conducted a thorough evaluation and assessment of the Plan and concurs with, and hereby adopts, staff's recommendation and all the corrective actions provided. The Department thus deems the Plan incomplete based on the Staff Report and the findings contained herein. . In particular, the Department finds:


- A. The GSAs should revise the GSP to provide a reasonable assessment of overdraft conditions and include a reasonable means to mitigate overdraft. Specifically, the Plan must be amended as follows:
 - 1. Reevaluate the assessment of overdraft conditions in the Subbasin. Specifically, the GSAs should examine the assumptions that were used to develop the absence of historical and current overdraft and the projected overdraft estimates in the projected water budget considering the results vary greatly from the values reported in the recent annual report data. The assessment should include the latest information for the Subbasin to ensure the GSP includes the required projects and management actions to mitigate overdraft in the Subbasin.

2. Provide a reasonable means to mitigate the overdraft that is continuing to occur in the Subbasin. Specifically, the GSAs should describe feasible proposed management actions that are commensurate with the level of understanding of groundwater conditions of the Subbasin and with sufficient details and consideration for Department staff to be able to clearly understand how the Plan's projects and management actions will mitigate overdraft in the Subbasin under different climate scenarios.
- B. The GSAs must provide more detailed explanation and justification regarding the selection of the sustainable management criteria for groundwater levels, particularly minimum thresholds and measurable objectives, and quantitatively describe the effects of those criteria on the interests of beneficial uses and users of groundwater. Department staff recommend the GSAs consider and address the following:
1. Refine the description of undesirable results to clearly describe the significant and unreasonable conditions the GSAs are managing the Subbasin to avoid. This must include a quantitative description of the negative effects to beneficial uses and users that would be experienced at undesirable result conditions. The GSAs should fully disclose and describe and explain its rationale for determining the number of wells that may be dewatered and the level of impacts to groundwater dependent ecosystems that may occur without rising to significant and unreasonable levels constituting undesirable results. Lastly, the GSAs should explain how potential alternate supplies of water or well mitigation will be considered by the GSAs during its management of the Subbasin in a project or management action as part of the GSP. Department staff also encourage the GSAs to review the Department's April 2023 guidance document titled *Considerations for Identifying and Addressing Drinking Water Well Impacts*.
 2. The GSAs should remove the water year type requirement from the GSP's undesirable result definition.
 3. The GSAs should revise minimum thresholds to be set at the level where the depletion of supply across the Subbasin may lead to undesirable results and provide the criteria used to establish and justify minimum thresholds. Fully document the analysis and justifications performed to establish the criteria used to establish minimum thresholds. Clearly show each step of the analysis and provide supporting information used in the analysis.

4. Provide an evaluation of how minimum thresholds may affect the interests of beneficial uses and users of groundwater or land uses and property interests. Identify the number and location of wells that may be negatively affected when minimum thresholds are reached. Compare well infrastructure for all well types in the Subbasin with minimum thresholds at nearby, suitably representative monitoring sites. Document all assumptions and steps clearly so that it will be understood by readers of the GSP. Include maps of potentially affected well locations, identify the number of potentially affected wells by well type, and provide a supporting discussion of the effects.

Based on the above, the GSP submitted by the Agencies for the Sacramento Valley – Corning Subbasin is determined to be incomplete because the GSP does not satisfy the requirements of SGMA, nor does it substantially comply with the GSP Regulations. The corrective actions provided in the Staff Report are intended to address the deficiencies that, at this time, preclude approval. The Agencies have up to 180 days to address the deficiencies outlined above and detailed in the Staff Report. Once the Agencies resubmit their Plan, the Department will review the revised GSP to evaluate whether the deficiencies were adequately addressed. Should the Agencies fail to take sufficient actions to correct the deficiencies identified by the Department in this assessment, the Department shall disapprove the Plan if, after consultation with the State Water Resources Control Board, the Department determines the Plan inadequate pursuant to 23 CCR § 355.2(e)(3)(C).

Signed:



Karla Nemeth, Director
Date: October 26, 2023

Enclosure: Groundwater Sustainability Plan Assessment Staff Report – Sacramento Valley – Corning Subbasin

**State of California
Department of Water Resources
Sustainable Groundwater Management Program
Groundwater Sustainability Plan Assessment
Staff Report**

Groundwater Basin Name: Sacramento Valley – Corning Subbasin (No. 5-021.51)
Submitting Agency: Corning Subbasin Groundwater Sustainability Agency
and Tehama County Flood Control and Water
Conservation District Groundwater Sustainability Agency
Submittal Type: Initial GSP Submission
Submittal Date: January 28, 2022
Recommendation: Incomplete
Date: October 26, 2023

The Corning Subbasin Groundwater Sustainability Agency and Tehama County Flood Control and Water Conservation District Groundwater Sustainability Agency (collectively, the GSAs) jointly submitted the Corning Subbasin GSP (GSP or Plan) to the Department of Water Resources (Department) for evaluation and assessment as required by the Sustainable Groundwater Management Act (SGMA)¹ and the GSP Regulations.² The GSP covers the entire Sacramento Valley – Corning Subbasin (Subbasin) for the implementation of SGMA. As presented in this staff report, a single GSP covering the entire basin was adopted and submitted to the Department for review by the GSAs.³

Evaluation and assessment by the Department is based on whether an adopted and submitted GSP, either individually or in coordination with other adopted and submitted GSPs, complies with SGMA and substantially complies with the GSP Regulations. Department staff base their assessment on information submitted as part of an adopted GSP, public comments submitted to the Department, and other materials, data, and reports that are relevant to conducting a thorough assessment. Department staff have evaluated the GSP and have identified deficiencies that staff recommend should preclude its approval.⁴ In addition, consistent with the GSP Regulations, Department staff have provided corrective actions⁵ that the GSAs should review while determining how and whether to address the deficiencies. The deficiencies and corrective actions are explained in greater detail in Section 3 of this staff report and are generally related to the need to

¹ Water Code § 10720 *et seq.*

² 23 CCR § 350 *et seq.*

³ Water Code §§ 10727(b)(1), 10733.4; 23 CCR § 355.2.

⁴ 23 CCR §355.2(e)(2).

⁵ 23 CCR §355.2(e)(2)(B).

define sustainable management criteria in the manner required by SGMA and the GSP Regulations.

This assessment includes four sections:

- **Section 1 – Evaluation Criteria**: Describes the legislative requirements and the Department’s evaluation criteria.
- **Section 2 – Required Conditions**: Describes the submission requirements, GSP completeness, and basin coverage required for a GSP to be evaluated by the Department.
- **Section 3 – Plan Evaluation**: Provides a detailed assessment of identified deficiencies in the GSP. Consistent with the GSP Regulations, Department staff have provided corrective actions for the GSAs to address the deficiencies.
- **Section 4 – Staff Recommendation**: Provides staff’s recommendation regarding the Department’s determination.

1 EVALUATION CRITERIA

The Department evaluates whether a Plan conforms to the statutory requirements of SGMA⁶ and is likely to achieve the basin’s sustainability goal.⁷ To achieve the sustainability goal, the Plan must demonstrate that implementation will lead to sustainable groundwater management, which means the management and use of groundwater in a manner that can be maintained during the planning and implementation horizon without causing undesirable results.⁸ Undesirable results are required to be defined quantitatively by the GSAs overlying a basin and occur when significant and unreasonable effects for any of the applicable sustainability indicators are caused by groundwater conditions occurring throughout the basin.⁹ The Department is also required to evaluate whether the Plan will adversely affect the ability of an adjacent basin to implement its groundwater sustainability program or achieve its sustainability goal.¹⁰

For a Plan to be evaluated by the Department, it must first be determined that it was submitted by the statutory deadline¹¹ and that it is complete and covers the entire basin.¹² If these required conditions are satisfied, the Department evaluates the Plan to determine whether it complies with SGMA and substantially complies with the GSP Regulations.¹³ As stated in the GSP Regulations, “[s]ubstantial compliance means that the supporting information is sufficiently detailed and the analyses sufficiently thorough and reasonable, in the judgment of the Department, to evaluate the Plan, and the Department determines that any discrepancy would not materially affect the ability of the Agency to achieve the sustainability goal for the basin, or the ability of the Department to evaluate the likelihood of the Plan to attain that goal.”¹⁴

When evaluating whether the Plan is likely to achieve the sustainability goal for the basin, Department staff review the information provided for sufficiency, credibility, and consistency with scientific and engineering professional standards of practice.¹⁵ The Department’s review considers whether there is a reasonable relationship between the information provided by the GSAs and the assumptions and conclusions presented in the Plan, including: whether the interests of the beneficial uses and users of groundwater in the basin have been considered; whether sustainable management criteria and projects and management actions described in the Plan are commensurate with the level of understanding of the basin setting; and whether those projects and management actions

⁶ Water Code §§ 10727.2, 10727.4, 10727.6.

⁷ Water Code § 10733(a).

⁸ Water Code § 10721(v).

⁹ 23 CCR § 354.26.

¹⁰ Water Code § 10733(c).

¹¹ 23 CCR § 355.4(a)(1).

¹² 23 CCR §§ 355.4(a)(2), 355.4(a)(3).

¹³ 23 CCR § 350 *et seq.*

¹⁴ 23 CCR § 355.4(b).

¹⁵ 23 CCR § 351(h).

are feasible and likely to prevent undesirable results.¹⁶ The Department also considers whether the GSAs have the legal authority and financial resources necessary to implement the Plan.¹⁷

To the extent overdraft is present in a basin, the Department evaluates whether the Plan provides a reasonable assessment of the overdraft and includes reasonable means to mitigate it.¹⁸ The Department also considers whether the Plan provides reasonable measures and schedules to eliminate identified data gaps.¹⁹ Lastly, the Department's review considers the comments submitted on the Plan and evaluates whether the GSAs have adequately responded to the comments that raise credible technical or policy issues with the Plan.²⁰

The Department is required to evaluate the Plan within two years of its submittal date and issue a written assessment.²¹ The assessment is required to include a determination of the Plan's status.²² The GSP Regulations provide three options for determining the status of a Plan: approved,²³ incomplete,²⁴ or inadequate.²⁵

Even when the Department determines a Plan is approved, indicating that it satisfies the requirements of SGMA and is in substantial compliance with the GSP Regulations, the Department may still recommend corrective actions.²⁶ Recommended corrective actions are intended to facilitate progress in achieving the sustainability goal within the basin and the Department's future evaluations, and to allow the Department to better evaluate whether implementation of the Plan adversely affects adjacent basins. While the issues addressed by the recommended corrective actions in an approved Plan do not, at the time the determination was made, preclude its approval, the Department recommends that the issues be addressed to ensure the Plan's implementation continues to be consistent with SGMA and the Department is able to assess progress in achieving the basin's sustainability goal.²⁷ Unless otherwise noted, the Department proposes that recommended corrective actions be addressed by the submission date for the first periodic assessment.²⁸

After review of the Plan, Department staff may conclude that the information provided is not sufficiently detailed, or the analyses not sufficiently thorough and reasonable, to evaluate whether it is likely to achieve the sustainability goal for the basin. If the

¹⁶ 23 CCR §§ 355.4(b)(1), (3), (4) and (5).

¹⁷ 23 CCR § 355.4(b)(9).

¹⁸ 23 CCR § 355.4(b)(6).

¹⁹ 23 CCR § 355.4(b)(2).

²⁰ 23 CCR § 355.4(b)(10).

²¹ Water Code § 10733.4(d); 23 CCR § 355.2(e).

²² Water Code § 10733.4(d); 23 CCR § 355.2(e).

²³ 23 CCR § 355.2(e)(1).

²⁴ 23 CCR § 355.2(e)(2).

²⁵ 23 CCR § 355.2(e)(3).

²⁶ Water Code § 10733.4(d).

²⁷ Water Code § 10733.8.

²⁸ 23 CCR § 356.4.

Department determines the deficiencies precluding approval may be capable of being corrected by the GSAs in a timely manner,²⁹ the Department will determine the status of the Plan to be incomplete. A Plan deemed incomplete may be revised and resubmitted to the Department for reevaluation of whether all deficiencies have been addressed and incorporated into the Plan within 180 days after the Department makes its incomplete determination. The Department will review the revised Plan to evaluate whether the identified deficiencies were sufficiently addressed. Depending on the outcome of that evaluation, the Department may determine the resubmitted Plan is approved. Alternatively, the Department may find a formerly deemed incomplete GSP is inadequate if, after consultation with the State Water Resources Control Board, it determines that the GSAs have not taken sufficient actions to correct any identified deficiencies.³⁰

The staff assessment of the Plan involves the review of information presented by the GSAs, including models and assumptions, and an evaluation of that information based on scientific reasonableness. In conducting its assessment, the Department does not recalculate or reevaluate technical information provided in the Plan or perform its own geologic or engineering analysis of that information. The recommendation to approve a Plan does not signify that Department staff, were they to exercise the professional judgment required to develop a Plan for the basin, would make the same assumptions and interpretations as those contained in the Plan, but simply that Department staff have determined that the assumptions and interpretations relied upon by the submitting GSAs are supported by adequate, credible evidence, and are scientifically reasonable.

Lastly, the Department's review and assessment of an approved Plan is a continual process. Both SGMA and the GSP Regulations provide the Department with the ongoing authority and duty to review the implementation of the Plan.³¹ Also, GSAs have an ongoing duty to reassess their GSPs, provide annual reports to the Department, and, when necessary, update or amend their GSPs.³² The passage of time or new information may make what is reasonable and feasible at the time of this review to not be so in the future. The emphasis of the Department's periodic reviews will be to assess the GSA's progress toward achieving the basin's sustainability goal and whether implementation of the Plan adversely affects the ability of GSAs in adjacent basins to achieve their sustainability goals.

2 REQUIRED CONDITIONS

A GSP, to be evaluated by the Department, must be submitted within the applicable statutory deadline.³³ The GSP must also be complete and must, either on its own or in coordination with other GSPs, cover the entire basin. If a GSP is determined to be

²⁹ 23 CCR § 355.2(e)(2)(B)(i).

³⁰ 23 CCR § 355.2(e)(3)(C).

³¹ Water Code § 10733.8; 23 CCR § 355.6.

³² Water Code §§ 10728, 10728.2.

³³ Water Code § 10720.7.

incomplete, Department staff may require corrective actions that address minor or potentially significant deficiencies identified in the GSP. The GSAs in a basin, whether developing a single GSP covering the basin or multiple GSPs, must sufficiently address those required corrective actions within the time provided, not to exceed 180 days, for the GSP to be reevaluated by the Department and potentially approved.

2.1 SUBMISSION DEADLINE

SGMA required basins categorized as high- or medium-priority as of January 1, 2017 and to submit a GSP no later than January 31, 2022.³⁴

The GSAs submitted the Corning Subbasin GSP to the Department on January 28, 2022, in compliance with the statutory deadline.

2.2 COMPLETENESS

GSP Regulations specify that the Department shall evaluate a GSP if that GSP is complete and includes the information required by SGMA and the GSP Regulations.³⁵

The GSAs submitted an adopted GSP for the entire Subbasin. Department staff found the Corning Subbasin GSP to be complete and include the required information, sufficient to warrant an evaluation by the Department. Therefore, the Department posted the GSP to its website on February 7, 2022.

2.3 BASIN COVERAGE

A GSP, either on its own or in coordination with other GSPs, must cover the entire basin.³⁶ A GSP that intends to cover the entire basin may be presumed to do so if the basin is fully contained within the jurisdictional boundaries of the submitting GSAs.

The GSP intends to manage the entire Corning Subbasin and the jurisdictional boundaries of the submitting GSAs appear to cover the entire Subbasin.

3 PLAN EVALUATION

As stated in Section 355.4 of the GSP Regulations, a basin “shall be sustainably managed within 20 years of the applicable statutory deadline consistent with the objectives of the Act.” The Department’s assessment is based on a number of related factors including whether the elements of a GSP were developed in the manner required by the GSP Regulations, whether the GSP was developed using appropriate data and methodologies and whether its conclusions are scientifically reasonable, and whether the GSP, through

³⁴ Water Code § 10720.7(a)(2).

³⁵ 23 CCR § 355.4(a)(2).

³⁶ Water Code § 10727(b); 23 CCR § 355.4(a)(3).

the implementation of clearly defined and technically feasible projects and management actions, is likely to achieve a tenable sustainability goal for the basin.

Department staff have identified deficiencies in the GSP, the most serious of which preclude staff from recommending approval of the GSP at this time. Department staff believe the GSAs may be able to correct the identified deficiencies within 180 days. Consistent with the GSP Regulations, Department staff are providing corrective actions related to the deficiencies, detailed below, including the general regulatory background, the specific deficiency identified in the GSP, and the specific actions to address the deficiency.

3.1 DEFICIENCY 1. THE GSP DOES NOT INCLUDE A REASONABLE ASSESSMENT OF OVERDRAFT CONDITIONS AND REASONABLE MEANS TO MITIGATE OVERDRAFT.

3.1.1 Background

For basins where overdraft conditions occur, the GSP Regulations require a Plan to quantify the overdraft over a period of years during which water year and water supply conditions approximate average conditions.³⁷ Furthermore, the Plan must describe projects or management actions, including quantification of demand reduction or other methods, for the mitigation of overdraft and achieving the sustainability goal for the basin.³⁸

As part of the Department's evaluation, staff assess whether the Plan provides a reasonable assessment of overdraft conditions and includes reasonable means to mitigate overdraft, if present.³⁹ To substantially comply with the GSP Regulations,⁴⁰ the assessment provided in the Plan must be supported with sufficiently detailed information and the analyses must be sufficiently thorough and reasonable. Staff rely on the Plan to be detailed and thorough to evaluate if any discrepancy in the information provided may materially affect the ability of the Agency to achieve the sustainability goal for the basin.

3.1.2 Deficiency

The GSP Regulations require the Department to evaluate whether the Plan includes a reasonable assessment of overdraft conditions and includes a reasonable means to mitigate overdraft.⁴¹ While the GSP does present information about overdraft, it is unclear whether this assessment is reasonable because the overdraft varies greatly from recent change in groundwater storage data. Furthermore, the projects and management actions as proposed in the GSP, which have been developed to address the projected overdraft conditions, do not appear to be a reasonable means to mitigate the actual overdraft conditions in the Subbasin. Department staff have identified this as a deficiency that

³⁷ 23 CCR § 354.18(b)(5).

³⁸ 23 CCR §§ 354.44 and 354.44(b)(2).

³⁹ 23 CCR § 355.4 (b)(6).

⁴⁰ 23 CCR § 355.4 (b).

⁴¹ 23 CCR § 355.4(b)(6).

precludes plan approval at this time. The following section describes specific details about the deficiency and outlines one or more corrective actions the GSAs must take to address to correct it.

The GSP presented unclear and contradictory information related to overdraft occurring in the Subbasin. The GSP states that there has not been a historical groundwater overdraft in the Subbasin,⁴² yet hydrographs included in the Plan show a declining trend in groundwater storage over the past two decades in the East and West Areas. The GSP states the Subbasin has experienced an overall positive annual change in groundwater storage of 6,900 acre-feet per year (AFY) and a cumulative change of groundwater storage of 290,300 AFY from 1974 to 2015.⁴³ Then, the GSP states that groundwater storage has declined since 2006 at a rate of about 7,600 acre-feet per year.⁴⁴ The current water budget (from 2015) indicates additional declines of 5,800 acre-feet per year driven by the decrease of surface water availability and increase in groundwater pumping.⁴⁵ The Plan states that the trend could be further exacerbated by projected climate change effects. However, the Plan's projected water budget (simulated with 2070 conditions) indicates an overdraft, or a negative annual change of groundwater storage, of just -400 AFY and a cumulative change in groundwater storage of -19,700 AFY over the 50-year implementation horizon.⁴⁶

Since the GSP submittal, annual report data submitted to the Department demonstrates that the actual decline in groundwater storage within the Subbasin has dramatically grown, deviating from the values determined for the historical, current, or projected water budgets. Specifically, the values of negative change in groundwater storage (i.e., overdraft) reported for water year (WY) 2021 (which represents change between October 1, 2020 and September 30, 2021) was -100,000 acre-feet and -90,000 acre-feet for WY 2022.⁴⁷ Combined, these values represent a loss of storage of 190,000 acre-feet in just a two-year period, which is approximately ten times greater than the anticipated cumulative loss in storage projected in the Subbasin over the 50-year planning horizon without the implementation of projects and management actions. Granted, WY 2021 and WY 2022 were critically dry years, however, the magnitude of the loss of storage observed during these two years is significantly greater than the values provided in the historical water budget of -38,350 AFY for similar water year types indicating that overdraft is increasing.⁴⁸ Based on a review of the information included in the GSP and annual reports, Department staff conclude the GSAs have not included a reasonable assessment of overdraft conditions for the Subbasin (see [Corrective Action 1a](#)).

⁴² Corning Subbasin GSP, Section 4.5, p. 362.

⁴³ Corning Subbasin GSP, Section 4.1.4 and Table 4-2, pp. 289 and 295.

⁴⁴ Corning Subbasin GSP, Section 3.2.3, p. 223.

⁴⁵ Corning Subbasin GSP, Section 4.3.1, p. 327.

⁴⁶ Corning Subbasin GSP, Section 4.5 and Table 4-15, pp. 342 and 362.

⁴⁷ Department of Water Resources, SGMA Portal, Annual Report Module, WY 2021 and WY 2022 Data, Reported Overdraft, Corning Subbasin.

⁴⁸ Corning Subbasin GSP, Table 4.2, p. 295.

GSP Regulations also require the Department to evaluate whether the Plan includes a reasonable means to mitigate overdraft.⁴⁹ While the GSP documents a projected groundwater overdraft in the Subbasin of 400 AFY, Department staff conclude the actual overdraft the GSAs will be required to mitigate is likely much more based on information included in the GSP and annual reports. The GSP states that management actions will be prioritized over projects during the early part of the implementation period and that the projects will require additional information gathering and thorough feasibility studies to determine if they can be implemented.⁵⁰ The GSP provides details for priority and alternative projects; however, no specific timelines for the implementation of the priority projects (i.e., expected initiation and completion dates) are provided. The GSAs acknowledge projects and management actions included in the GSP “outline a potential framework for achieving sustainability. However, several details remain to be negotiated before many of the projects and management actions can be implemented.”⁵¹

Based on information presented in the GSP, the expected benefits of all projects and management actions would provide up to approximately 35,000 AFY to the Subbasin. Given the recent reduction of groundwater storage of 190,000 acre-feet in just the last two years, it would take nearly five years of these projects being fully implemented combined with the Subbasin instantly operating within its sustainable yield to mitigate this loss of storage. While the SGMA states that overdraft during a period of drought is not sufficient to establish an undesirable result for the chronic lowering of groundwater levels, this is contingent on the GSA managing extractions and recharge as necessary to ensure that reductions in groundwater levels or storage are offset by increases in groundwater levels or storage during other periods.⁵² Based on the information contained in the GSP, it does not appear the GSAs have proposed a suite of projects and management actions that will be sufficient to offset the recent overdraft observed in the Subbasin. Further, the lack of detail presented in the GSP makes it appear as if the GSAs have no urgency or commitment to implement the necessary projects and management actions to mitigate ongoing and future overdraft. Department staff are concerned that continued overdraft will exacerbate the current problems the Subbasin is experiencing, including dry wells, and that the currently presented projects and management actions will not be effective in mitigating the magnitude of overdraft experienced in recent years if it continues. Accordingly, for the above reasons, Department staff conclude that the GSP has not presented a reasonable means to mitigate overdraft (see [Corrective Action 1b](#)).

3.1.3 Corrective Action 1

The GSAs should revise the GSP to provide a reasonable assessment of overdraft conditions and include a reasonable means to mitigate overdraft. Specifically, the Plan must be amended as follows:

⁴⁹ 23 CCR § 355.4(b)(6).

⁵⁰ Corning Subbasin GSP, Section 7.4.4, p. 484.

⁵¹ Corning Subbasin GSP, Section 7.1, p. 479.

⁵² Water Code § 10721(x)(1).

- a. Reevaluate the assessment of overdraft conditions in the Subbasin. Specifically, the GSAs should examine the assumptions that were used to develop the absence of historical and current overdraft and the projected overdraft estimates in the projected water budget considering the results vary greatly from the values reported in the recent annual report data. The assessment should include the latest information for the Subbasin to ensure the GSP includes the required projects and management actions to mitigate overdraft in the Subbasin.
- b. Provide a reasonable means to mitigate the overdraft that is continuing to occur in the Subbasin. Specifically, the GSAs should describe feasible proposed management actions that are commensurate with the level of understanding of groundwater conditions of the Subbasin and with sufficient details and consideration for Department staff to be able to clearly understand how the Plan's projects and management actions will mitigate overdraft in the Subbasin under different climate scenarios.

3.2 DEFICIENCY 2. THE GSP DOES NOT ESTABLISH SUSTAINABLE MANAGEMENT CRITERIA FOR CHRONIC LOWERING OF GROUNDWATER LEVELS IN A MANNER SUBSTANTIALLY COMPLIANT WITH THE GSP REGULATIONS.

3.2.1 Background

It is up to the GSA to define undesirable results and GSAs must describe the effect of undesirable results on the beneficial uses and users of groundwater.⁵³ From this definition, the GSA establishes minimum thresholds, which are quantitative values that represent groundwater conditions at representative monitoring sites that, when exceeded individually or in combination with minimum thresholds at other monitoring sites, may cause the basin to experience undesirable results.⁵⁴ Put another way, the minimum thresholds represent conditions that, if not exceeded, should prevent the basin from experiencing the undesirable results identified by the GSA. Minimum thresholds for chronic lowering of groundwater levels are the groundwater elevation indicating a depletion of supply at a given location that may lead to undesirable results.⁵⁵ Quantitative values for minimum thresholds should be supported by information and criteria relied upon to establish and justify the minimum threshold,⁵⁶ and a quantitative description of how conditions at minimum thresholds may affect the interests of beneficial uses and users of groundwater.⁵⁷

⁵³ 23 CCR § 354.26 (b)(3), § 354.28 (b)(4).

⁵⁴ 23 CCR § 354.28, DWR Best Management Practices for the Sustainable Management of Groundwater: Sustainable Management Criteria (DRAFT), November 2017.

⁵⁵ 23 CCR § 354.28 (c)(1).

⁵⁶ 23 CCR § 354.28 (b)(1).

⁵⁷ 23 CCR § 354.28 (b)(4).

3.2.2 Deficiency Details

Based on its review, Department staff conclude the Plan has not defined sustainable management criteria for chronic lowering of groundwater levels in a manner required by SGMA and the GSP Regulations. Generally, the GSP's descriptions of undesirable results are unclear and justification for the establishment of minimum thresholds are not provided with evidence of the consideration of the interests of beneficial uses and users and sufficient supporting information are not provided in the GSP. The lack of this information does not allow Department staff to evaluate whether the criteria are reasonable or whether the GSA plans to operate the Basin to avoid undesirable results.⁵⁸

GSP Regulations require that GSAs define undesirable results caused by the chronic lowering of groundwater levels by identifying a significant and unreasonable depletion of supply that is present when an undesirable result occurs.⁵⁹ The GSP describes an undesirable result as: "Chronic lowering of groundwater levels is considered to be locally significant and unreasonable if it results in insufficient water supply to meet the needs of beneficial users in the Subbasin."⁶⁰ Next, the GSP proposes to quantify its definition by describing undesirable results as occurring "when more than 20% of groundwater elevations measured at [representative monitoring point] wells, drop below the associated minimum threshold during two consecutive years. In addition, if the water year type (defined as the Sacramento Valley Water Year Index developed by DWR, per the calculation as used in 2021) is dry or critically dry then levels below the minimum threshold are not undesirable if groundwater management allows for recovery in average or wetter years."⁶¹

Department staff have identified multiple problems with how the GSAs have defined undesirable results. First, the Plan's definition of undesirable results uses undefined qualifying language that renders the meaning indeterminate. Without a quantitative definition or clear description of when "insufficient water supply to meet the needs of beneficial users" occurs on Subbasin-wide scale, it is unclear how the GSAs will identify whether observed impacts would be considered significant and unreasonable. While the GSP includes in its portfolio of projects and management actions a well mitigation program set to be implemented in year 3 of the overarching Well Management Program,⁶² the GSP does not include a number of wells the program may serve or identify a funding source. Without more information, Department staff are unable to evaluate when and how the well replacement program may be implemented or evaluate its potential feasibility and effectiveness at this time.

Additionally, the Plan defines undesirable results as a function of minimum conditions necessary to support overlying beneficial uses and users of groundwater but does not

⁵⁸ 23 CCR §§ 354.28(b)(1), 354.28(b)(2), 354.28(b)(3), 354.28(b)(4), 354.28(c)(1).

⁵⁹ 23 CCR § 354.26 (a).

⁶⁰ Corning Subbasin GSP, Section 6.6.1, p. 417.

⁶¹ Corning Subbasin GSP, Section 6.6.4.1, pp. 443-444.

⁶² Corning Subbasin GSP, Section 7.3.2.1.5, p. 493.

describe or explain what those conditions would be or how they were determined. These problems are compounded by the fact that the Plan does not demonstrate how or whether the interests of those beneficial uses and users were considered. As a result, even if the Plan had provided a precise definition of undesirable results, it would not be possible to know whether it was appropriate to the needs of beneficial uses and users in the Subbasin, as determined by the GSAs. The attempt at quantifying undesirable results as more than 20% of representative monitoring point wells falling below the minimum threshold for two consecutive years is unsatisfactory because the values and timing of exceedances appear to be arbitrary based on the explanation provided in the Plan.⁶³

The lack of specificity in what the GSAs are managing the Subbasin to avoid (i.e., undesirable results) is especially problematic considering current and projected conditions. The Subbasin has experienced 182 dry wells since 2021 based on the Household Dry Well Reporting System.⁶⁴ Given that the Subbasin is currently experiencing reported dry wells,⁶⁵ and the GSP indicates minimum thresholds would allow 16 percent or approximately 350 additional wells to potentially be impacted under the GSAs' groundwater level management structure, the GSP fails to demonstrate how the GSAs considered the interests of these beneficial users when allowing this level of impact under its proposed management program. The GSAs have not explained how it apparently determined the current and projected well outages in the Subbasin are not considered an undesirable result, even though those conditions appear to meet the definition of an undesirable result provided in the GSP (i.e., "insufficient water supply to meet the needs of beneficial users in the Subbasin"). Department staff conclude that the GSAs must reevaluate and clearly define and provide its rationale for when undesirable results occur in the Subbasin based on a thorough consideration of the interests of beneficial uses and users as required by the GSP Regulations (see [Corrective Action 2a](#)).

The definition of undesirable results also includes a caveat related to the water year type that prohibits an undesirable result from occurring during any water year defined as 'dry' or 'critically dry' that is not consistent with SGMA. The water year type requirement could potentially allow for unmanaged and continued lowering of groundwater levels under certain hydrologic or climatic conditions that have occurred historically, and GSAs could disregard potential impacts of groundwater level declines regardless of how severe they become. Since the GSP Regulations require that GSAs define undesirable results caused by the chronic lowering of groundwater levels by identifying a significant and unreasonable depletion of supply,⁶⁶ it is inappropriate for a GSA to disregard a depletion of supply based on certain hydrologic or climatic conditions. Department staff conclude the definition of undesirable results disregards minimum threshold exceedances in all

⁶³ Corning Subbasin GSP, Section 6.6.4.1, p. 444.

⁶⁴ Department of Water Resources, Dry Well Reporting System, Accessed September 2023, <https://mydrywatersupply.water.ca.gov/report/>.

⁶⁵ Department of Water Resources, Dry Well Reporting System, Accessed September 2023, <https://mydrywatersupply.water.ca.gov/report/>.

⁶⁶ 23 CCR § 354,28 (c)(1).

years except consecutive below normal, above normal, or wet years to be inconsistent with sustainable groundwater management under SGMA (see [Corrective Action 2b](#)).

The GSP Regulations require GSAs to set their minimum thresholds for chronic lowering of groundwater levels at “the groundwater elevation indicating a depletion of supply at a given location that may lead to undesirable results.”⁶⁷ The Plan explains that minimum thresholds are set at 20 feet (for stable wells) and 20% (for declining wells) from the historical minimum level since 2012⁶⁸ to account for future climate change and irrigation practices.⁶⁹ The GSAs acknowledge the thresholds were not developed to represent a depletion of supply that would lead to undesirable results, but instead developed the thresholds to account for climate change and irrigation practices. Department staff conclude that the minimum thresholds must be revised by the GSAs to be based upon the depletion of supply that would lead to undesirable results, as required by the regulations (see [Corrective Action 2c](#)).

The GSP Regulations require GSAs to consider how conditions at minimum thresholds may affect the interests of beneficial uses and users of groundwater⁷⁰ and require the Department to evaluate whether the interests of beneficial uses and users were considered.⁷¹ While the GSP states at the minimum threshold, 16% of domestic wells installed after 1991 may be at risk of getting impacted,⁷² it is unclear what the actual effects to beneficial uses and users could be under the GSAs’ proposed management for wells installed prior to 1991. The GSAs do not describe how allowing this amount of wells to go dry has considered the interests of these particular beneficial uses and users. Considering that the GSAs are proposing to manage the Subbasin below historical lows, the Plan does not provide a clear description of the circumstances under which such impacts would become significant and unreasonable to particular beneficial uses and users. Department staff are unable to determine whether the interests of beneficial uses and users or groundwater, as well as the land uses and property interests potentially affected by the use of groundwater in the Subbasin, have been considered.⁷³ The GSAs must identify the number, location, and percentage of all wells that may be impacted at the proposed minimum thresholds that will not receive assistance through the well mitigation program and explain how the interests of beneficial uses and users were considered (see [Corrective Action 2d](#)).

3.2.3 Corrective Action 2

The GSAs must provide more detailed explanation and justification regarding the selection of the sustainable management criteria for groundwater levels, particularly minimum thresholds and measurable objectives, and quantitatively describe the effects

⁶⁷ 23 CCR § 354.28(c)(1).

⁶⁸ Corning Subbasin GSP, Section 6.6.2.1, p. 419.

⁶⁹ Corning Subbasin GSP, Section 6.6.2.1, p. 423.

⁷⁰ 23 CCR 354.28 (b)(4)

⁷¹ 23 CCR 355.4 (b)(4)

⁷² Corning Subbasin GSP, Section 6.6.2.2, p. 431.

⁷³ 23 CCR § 355.4 (b)(4).

of those criteria on the interests of beneficial uses and users of groundwater. Department staff recommend the GSAs consider and address the following:

- a) Refine the description of undesirable results to clearly describe the significant and unreasonable conditions the GSAs are managing the Subbasin to avoid. This must include a quantitative description of the negative effects to beneficial uses and users that would be experienced at undesirable result conditions.⁷⁴ The GSAs should fully disclose and describe and explain its rationale for determining the number of wells that may be dewatered and the level of impacts to groundwater dependent ecosystems that may occur without rising to significant and unreasonable levels constituting undesirable results. Lastly, the GSAs should explain how potential alternate supplies of water or well mitigation will be considered by the GSAs during its management of the Subbasin in a project or management action as part of the GSP. Department staff also encourage the GSAs to review the Department's April 2023 guidance document titled *Considerations for Identifying and Addressing Drinking Water Well Impacts*.⁷⁵
- b) The GSAs should remove the water year type requirement from the GSP's undesirable result definition.
- c) The GSA should revise minimum thresholds to be set at the level where the depletion of supply across the Subbasin may lead to undesirable results⁷⁶ and provide the criteria used to establish and justify minimum thresholds.⁷⁷ Fully document the analysis and justifications performed to establish the criteria used to establish minimum thresholds. Clearly show each step of the analysis and provide supporting information used in the analysis.⁷⁸
- d) Provide an evaluation of how minimum thresholds may affect the interests of beneficial uses and users of groundwater or land uses and property interests. Identify the number and location of wells that may be negatively affected when minimum thresholds are reached. Compare well infrastructure for all well types in the Subbasin with minimum thresholds at nearby, suitably representative monitoring sites. Document all assumptions and steps clearly so that it will be understood by readers of the GSP. Include maps of potentially affected well locations, identify the number of potentially affected wells by well type, and provide a supporting discussion of the effects.

⁷⁴ 23 CCR § 354.28 (b)(3).

⁷⁵ <https://water.ca.gov/Programs/Groundwater-Management/Drinking-Water-Well>

⁷⁶ 23 CCR 354.28 (c)(1).

⁷⁷ 23 CCR 354.28 (a).

⁷⁸ 23 CCR 354.28 (b)(1).

4 STAFF RECOMMENDATION

Department staff believe that the deficiencies identified in this assessment should preclude approval of the GSP for the Sacramento Valley – Corning Subbasin. Department staff recommend that the GSP be determined incomplete.



CALIFORNIA DEPARTMENT OF WATER RESOURCES SUSTAINABLE GROUNDWATER MANAGEMENT OFFICE

Frequently Asked Questions: Incomplete Determinations & Next Steps

Purpose

The purpose of this document is to answer questions about groundwater sustainability plan (GSP) assessments and help guide groundwater sustainability agencies (GSAs) through the process following the issuance of an incomplete GSP determination.

Intended Audience

The intended audience of this document are GSAs in groundwater basins who received an incomplete determination for their GSPs.

1. What does an incomplete determination mean?

An incomplete determination means the deficiencies identified in a GSP were significant enough to preclude its approval. Once the incomplete determination is released, the GSAs have up to 180 days to address the deficiencies. Should the deficiencies be sufficiently corrected and the Department of Water Resources (DWR) determines the GSP approved, there may be additional recommended corrective actions to be addressed in the GSP's next periodic update.

2. Can a meeting be requested to clarify and discuss the incomplete determination?

Meetings are conducted at the request of GSAs and should follow a GSA-prepared agenda to assure that DWR staff are focused on addressing the GSA's top priorities. For those basins that chose to submit multiple GSPs covering the basin, the basin's Point of Contact should initiate meetings with DWR staff.

3. Who should the GSAs contact to set up meetings with DWR?

Each basin has a DWR Point of Contact who will assist in setting up meetings. You can find your basin's Point of Contact here: [Assistance and Engagement \(ca.gov\)](#). Please email your Point of Contact to set up a meeting with DWR staff.

4. How many meetings can a GSA request?

One or two meetings may be conducted with DWR staff to discuss the GSA's understanding of the deficiencies. These meetings are intended to allow the basin's GSAs to develop a focused scope of work to correct the deficiencies within 180 days. Following these initial meetings, GSAs may schedule one or two check-in meetings with DWR staff

Frequently Asked Questions: Incomplete Determinations & Next Steps

before submitting revised materials. These meetings should focus on progress and methodologies to address deficiencies and presentation of specific local challenges.

5. Will DWR let the GSAs know if their actions to modify the GSP will be sufficient?

Similar to the preparation of the submitted GSP, DWR staff will not provide a preliminary evaluation of written or revised documents intended to modify a GSP. However, DWR staff can discuss general approaches to address those deficiencies and provide feedback on the methodology used, and data relied upon, to support improved basinwide analyses.

6. How can a GSA correct the deficiencies identified in a GSP that has been determined incomplete by DWR?

The incomplete determination contains the deficiencies that DWR decided were significant enough to preclude its approval. The GSAs must address the deficiencies in a coordinated manner, consider the corrective actions, and make it clear that the corrections are part of the adopted GSP and will be incorporated into its implementation. GSAs must work locally to address the deficiencies openly and transparently. Incorporation of public input and participation is encouraged.

7. What materials does the GSA need to resubmit for DWR to review and reevaluate?

All documents provided to DWR must be uploaded to the SGMA Portal as part of the resubmission package within 180 days of the GSP's incomplete determination. The documents include, at minimum, the following:

- DWR requests both a clean version and a redline strikeout version of the corrected GSP be provided to help expedite its review of the changes and updates.
- The GSP Elements Guide should be updated and included to help DWR staff locate the changes addressing the deficiencies.
- The revised and resubmitted information should clearly state that the modifications are part of the adopted GSP and will be implemented accordingly.
- If the amended GSP has been readopted, the information supporting the readoption must also be uploaded to the SGMA Portal.
- If a coordination agreement is part of the basin's GSP and any information in that agreement has been modified, then the new coordination agreement, signed by all GSAs in the basin, must be uploaded to the SGMA Portal.

8. What is the timeline and method for submitting a corrected GSP that was initially issued an incomplete determination?

Following the release of a GSP's incomplete determination, the GSAs will have up to 180 days to submit the required information that addresses the identified deficiencies. GSAs must submit corrected GSPs to DWR on the SGMA Portal.

Frequently Asked Questions: Incomplete Determinations & Next Steps

9. How should the GSAs adopt a corrected GSP?

The GSA's legal counsel should consider if readoption of the GSP is necessary under the authorities granted to the GSA during the initial GSP development. If a GSP must be readopted, the GSA may do so following a public hearing held at least 90 days after providing notice to cities and counties within the GSP area (see California Water Code §10728.4). This notification can be made very early in the process in anticipation that the GSP's revisions will be adopted within the 180-day period allowed to address the GSP's deficiencies.

10. After submittal of a corrected GSP, what is the timeline for DWR to review the GSP's adequacy?

There is no specific statutory timeline for DWR to complete its review of responses to an incomplete determination. However, once the GSA submits its corrected GSP, DWR staff will work expeditiously to review the corrected GSP and determine if the GSP is either approved or inadequate. DWR will host a public comment period on the resubmitted GSP for consideration in its reevaluation and reassessment.

11. What happens if a GSA cannot correct deficiencies within 180 days?

If a GSA does not submit a corrected GSP within 180 days, or DWR determines that the corrected GSP does not sufficiently address the previously defined deficiencies, DWR will enter into consultation with the State Water Resources Control Board prior to determining a GSP inadequate. The State Water Resources Control Board can step in using a process called State intervention, which is described in detail under SGMA Chapter 11 (California Water Code §10735 *et seq.*). For additional questions on State Intervention, please contact the State Water Resources Control Board at: SGMA@waterboards.ca.gov.

11. Request for Qualifications (RFQ) for Professional Services for Groundwater Sustainability Plan (GSP) Annual Reports, DWR GSP Review Response to Comments, and Implementation Activities for the Bowman, Red Bluff, Antelope, Los Molinos, and Corning Subbasins.

- a. Receive update on RFQ process and recommendation from the evaluation team.
- b. *Approve recommendation from evaluation team to select Luhdorff and Scalmanini Consulting Engineers to provide Professional Services for Groundwater Sustainability Plan (GSP) Annual Reports, DWR GSP Review Response to Comments, and Implementation Activities for the Bowman, Red Bluff, Antelope, Los Molinos, and Corning Subbasins pending concurrence with the Tehama County Flood Control and Water Conservation District.

At the July 5, 2023 Corning Subbasin Advisory Board (CSAB), the CSAB recommended the GSAs develop a Request for Proposals for a consultant to develop three annual reports (Water Years 2023, 2024 and 2025) combined with tasks associated with the Sustainable Groundwater Management Round 2 grant program. The recommendation was shared at the July 27, 2023 and the August 2, 2023 CSGSA meetings. On August 2, 2023, the CSGSA approved the concept of development of an RFP. On August 24, 2023, the CSGSA reviewed a draft Request for Qualification (RFQ) prepared by the Tehama County Flood Control and Water Conservation District (TCFCWCD).

The RFQ was posted to CIPList.com, sent to the Interested Parties distribution lists, and posted to the TCFCWCD website. The RFQ was advertised in the Red Bluff Daily News three times.

Three proposals were received from:

- Geosyntec Consultants teamed with Woodard & Curran, Lawrence & Associates, and Kearns & West
- Luhdorff & Scalmanini Consulting Engineers (LSCE) teamed with Consensus Building Institute, CSU Chico (Biological), CSU Chico (Geology), Davids Engineering, Enprobe Drilling, GEI, Geophysical Imaging Partners, Haling and Associates, Water and Land Solutions, Land IQ, MBK, Northstate Drilling, and Stantec
- Larry Walker Associates teamed with Land IQ and Todd Groundwater

The written proposals were reviewed and each of the three teams were interviewed by the Evaluation Team which included a cross-section of members from Tehama County and the CSGSA. Following discussion, the Evaluation Team has recommended the LSCE Team be selected to provide the requested services.

The following tasks identified in the proposal include:

- Task 1. Grant Management and Administration
- Task 2. GSP Implementation, Outreach, and Compliance Activities
- Task 3. Ongoing Monitoring, Data Gaps, and Enhancements

- Task 4. Projects and Management Actions- Recharge Focused
- Task 5. Projects and Management Actions- Regional Conjunctive Use
- Task 6. General Consulting Services on an As Needed

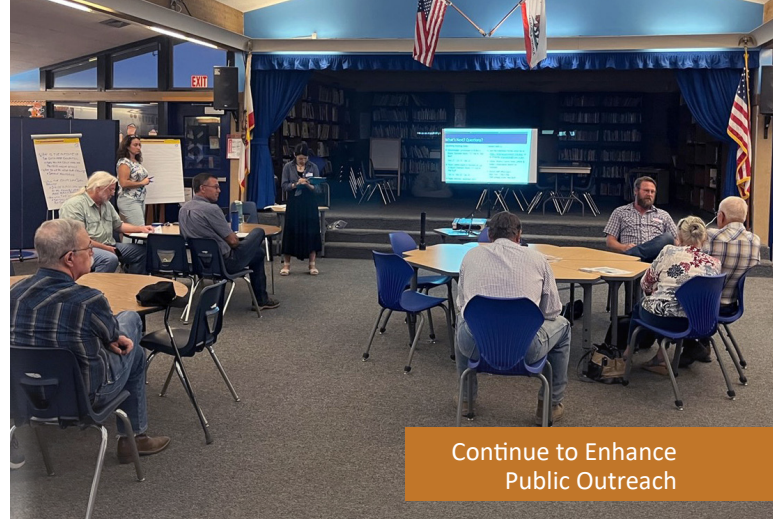
Tehama County Flood Control and Water Conservation District is considering an item to approve the selection and contract with LSCE at their November 7, 2023 meeting.

Attachments:

- Pages 1-30 of LSCE Proposal for Professional Services for Groundwater Sustainability Plan (GSP) Annual Reports, DWR GSP Review Response to Comments, and Implementation Activities for the Bowman, Red Bluff, Antelope, Los Molinos, and Corning Subbasins (full proposal including resumes can be made available upon request)



Implement Recharge Projects Quickly and Efficiently



Continue to Enhance Public Outreach



Luhdorff & Scalmanini
Consulting Engineers

STATEMENT OF QUALIFICATIONS
**Professional Services for GSP
 Annual Reports, GSP Review, and
 Implementation Activities**

Tehama County FCWCD
 and Corning Sub-basin GSA

SEPTEMBER 28, 2023

Maximize Prop 68
 Grant Funds

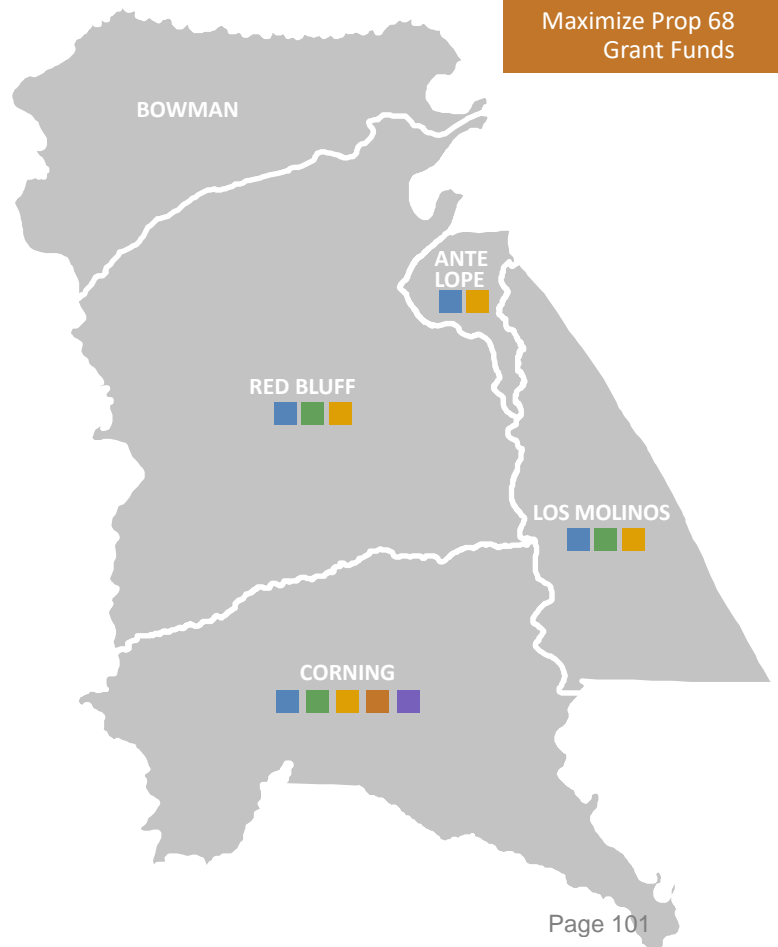
Project/ Grant Management
 and Administration

Implementation/
 Outreach/Compliance

Monitoring
 Data Gaps

Recharge
 Projects

Conjunctive
 Use Projects



September 28, 2023

LSCE No. 23-1-099

Justin Jenson
 Deputy Director of Public Works Water Resources
 Groundwater Sustainability Agency
 1509 Schwab Street
 Red Bluff, CA 96080

SUBJECT: Response to Request for Qualifications for Groundwater Sustainability Plan (GSP) Annual Reports, DWR GSP Review Response to Comments, and Implementation Activities for the Bowman, Red Bluff, Antelope, Los Molinos, and Corning Subbasins

The LSCE Team recognizes the paramount importance of these projects and understands that each task contributes significantly to enhancing the resilience and reliability of water resources within Tehama and Glenn Counties. In seeking a qualified engineering and hydrogeological team to provide design, compliance, local and regional outreach, data collection, permitting support, construction, and administration services, Tehama and Glenn Counties have clearly outlined objectives. Our team's recent accomplishments in GSP projects across California have garnered substantial support from local agencies, stakeholders, and the California Department of Water Resources, demonstrating that we are at the forefront of GSP implementation. However, what truly matters is our commitment to ensuring client satisfaction by meeting project objectives. We are eagerly looking forward to the opportunity to assist both Counties in this next phase of GSP work, and we are pleased to offer our key qualities below to help you achieve your goals:



No One Knows the Background of This Project Like the LSCE Team

Our partnerships with esteemed firms further strengthen our thorough comprehension of the GSP Implementation tasks outlined in the RFP. These firms are currently involved in projects of a similar nature across Northern California, encompassing various critical domains such as Outreach (CBI and Stantec), groundwater-dependent ecosystems (CSU-Chico), hydrogeological conceptual modeling (CSU-Chico), conveyance (MBK), agricultural water use, conservation, water technology applications (Davids Engineering), groundwater recharge feasibility studies and pilot projects (GEI); AEM and geophysical evaluations to support recharge projects (Geophysical Imaging Partners), and recharge evaluation specialists (Water and Land Solutions). Additionally, we have enlisted two drilling contractors; Northstate Drilling and Enprobe, to support drilling and construction activities, including well video logging and deep nested monitoring wells and shallow surface water/groundwater wells. This collective wealth of experience ensures that our team is well-equipped to handle all the tasks outlined in your RFQ, providing a comprehensive solution.



A Known, Trusted, and Local Project Manager.

Eddy Teasdale will lead this project. He led the development of four the GSPs for the Bowman, Antelope, Los Molinos, and Red Bluff Subbasins, including the technical work on the GSP chapters related to water budgets, sustainable management criteria, evaluating sustainability management actions and projects, development of implementation funding, and collaborating with the GSA and stakeholders. Eddy Teasdale's relevant experience includes:

- ✓ Prepared the Antelope, Los Molinos, Bowman, and Red Bluff GSPs, including the fee analysis development.
- ✓ Prepared the Antelope, Los Molinos, Bowman, Red Bluff, and Corning 2022 Annual Reports.
- ✓ Successfully worked with the Board of Supervisors and the Tehama County Groundwater Commission requiring diplomacy and facilitation skills, which are especially important given the diverse interests in the community & within the GSAs.
- ✓ Developed and supported public outreach and stakeholder engagement plan.
- ✓ Developed GSP fee options focused on equitable distribution based on the benefits derived from the assessments of each Glenn County parcel.
- ✓ Developed five-year revenue needs for GSP implementation and SGMA compliance.
- ✓ Led the development of your current Prop 68 grant application.
- ✓ GSP Implementation, specific to recharge site evaluation, well registration, and well ordinance support (Tehama and Glenn Counties)



Extensive History with Tehama County and the Surrounding Areas

Our extensive regional experience and understanding eliminate any need for a learning curve, enabling us to make a significant impact right from the first day. Relevant experience includes the initial development of GSPs in the region, development of annual reports, preparation of the Prop 68 grant applications, and our ongoing contributions to your well registration and database applications. Our regional cooperation, active engagement in ongoing water resource initiatives, and close alignment with your project management team all culminate in a seamless transition into this new scope of work.



A Team That Possesses Unparalleled Intuitive Expertise

Each of our task leads has a well-established track record of working on Tehama and Glenn GSPs and implementation projects, annual reports, and project management tasks. Furthermore, we have deliberately chosen local task leads who are readily available for impromptu in-person meetings without the burden of travel costs. They are fully dedicated to robust collaboration with your staff throughout the entire duration of this crucial project. Moreover, all task leads have a history of working together on similar GSP projects, enabling them to efficiently coordinate and participate in meetings on short notice, thereby enhancing the project's effectiveness.



We have Extensive Experience with Similar Projects

Our ongoing and substantial engagement in GSP planning and execution of recharge projects across diverse locations uniquely positions you for success. Example projects with comparable scope and intricacy, with stakeholders akin to your own include Napa, Westlands Water District, Fresno County, Farmers Water District, Indian Wells Valley, and the Cities of Roseville, Woodland, Yuba City, and Lathrop.



Leveraging Economies of Scale to Enhance Your Project Efficiency

We draw upon extensive experience in Tehama County, the broader region, and the state. We possess unparalleled expertise in the current funding requirements we supported in 2022 and maintain well-established relationships with your board, groundwater commissioners, regional collaborators (such as Tehama County Resources and Conservation District, Farm Bureau, and Cattlemen Association), and local stakeholders (including members of the public). As part of this process, we propose that the team utilize ad-hoc committees and public outreach forums to accomplish stakeholder engagement, especially on projects related to recharge, ongoing monitoring, and data gap evaluations to garner support and avoid delays.

This proposal underscores how our team's qualifications, extensive experience, and approach align seamlessly with the project tasks specified in the RFQ. We kindly request that you carefully evaluate the credentials presented in this proposal and strongly consider the LSCE Team for this exciting project. We have a deep interest in continuing our collaboration with you on these projects and are unwaveringly dedicated to their success. We express our gratitude for the opportunity to submit this proposal.

We have reviewed the contract and have no issues working under the terms and stand ready to commence work immediately. This proposal is valid for 90 days following the date of this letter. If selected for this opportunity, we will execute an agreement with the District within 90 days of the District's notice of intent to award.

Sincerely,

Luhdorff & Scalmanini, Consulting Engineers

Eddy Teasdale, PG, CHG
Principal Hydrogeologist

Firm Information

Luhdorff and Scalmanini, Consulting Engineers
180 E. 4th Street
Chico, CA 95928
Tel. 530. 661. 0109

LSCE Authorized Contact

Eddy Teasdale, PG, CHG
Principal Hydrogeologist
530. 419. 9484
eteasdale@lsce.com



Table of Contents

- 1. Technical Approach/Project Schedule 1-12**
 - Project Understanding.....1
 - Project Implementation1
 - Figure 1 - LSCE Approach to Challenges2
 - Scope of Work 3-10
 - Schedule (Not included in page limit) 11-12
- 2. Experience of Proposed Personnel..... 13-17**
 - Organizational Chart.....13
 - Project Team..... 14-17
- 3. Identification of Sub-Consultants 17**
- 4. Prior Related Experience..... 18-21**
 - Comprehensive History in Tehama, Glenn, and Butte18
 - Local Northern Sacramento Valley Experience.....19
 - Project References.....20
 - Similar Projects Completed by the LSCE Team21
- 5. Responsiveness to Client Needs..... 22**
- 6. Project Budget (Not included in page limit) ... 23-25**
 - Budget Introduction23
 - Budget by Task/Subtask.....24
 - LSCE 2023 Schedule of Fees25
- 7. Appendix A. Team Resumes 26**

SECTION 1. Technical Approach/Project Schedule

Project Understanding

Both the Tehama County Flood Control and Water Conservation District (serving as the exclusive GSA for Antelope, Bowman, Los Molinos, and Red Bluff groundwater subbasins), along with the Corning Sub-basin Groundwater Sustainability Agency (CSGSA) in Glenn County (who share the Corning sub-basin management with Tehama County), have actively dedicated nearly a decade to adhering to the Sustainable Groundwater Management Act (SGMA). Beginning in 2018, both organizations intensified their focus on various SGMA-related endeavors, such as the development of five Groundwater Sustainability Plans (GSP), the preparation of annual reports (WY 2021 and WY 2022), pursuit of grant funding, and the development of revenue projections and allocation of costs for GSP compliance. Now, you are embarking on a pivotal step towards GSP implementation. In the context of this Request for Qualifications (RFQ), six distinct tasks have been delineated, and these tasks align with the recent Prop 68 grant application that the LSCE team supported in 2022.

Proposition 68 DWR Grant Funded Components Relationship to RFQ Tasks

Prop 68 Funding Component	Corning	Antelope	Los Molinos	Red Bluff	RFQ Tasks
Component 1. Grant Administration	Funded	Funded	Funded	Funded	Task 1: Project / Grant Management and Administration
GSP Implementation, Outreach, and Compliance Activities	Funded	Not Funded	Funded	Funded	Task 2: GSP Implementation, Outreach, and Compliance Activities
Ongoing Monitoring, Data Gaps, and Enhancements	Funded	Funded	Not Funded		Task 3: Ongoing Monitoring, Data Gaps, and Enhancements
Project and Management Action Implementation – Regional Conjunctive Use Project	Funded	Not Funded			Task 4: Project and Management Actions – Recharge Focused
Project and Management Action Implementation – Recharge Focused	Funded	Not Funded	Funded	Funded	Task 5: Project and Management Actions – Regional Conjunctive Use
Task 6. Not specifically supported by Prop 68 grant, but specific components contained in the Prop 68 grant can support on-call related tasks					Task 6: Provide General Consulting Services on an As-Needed Basis

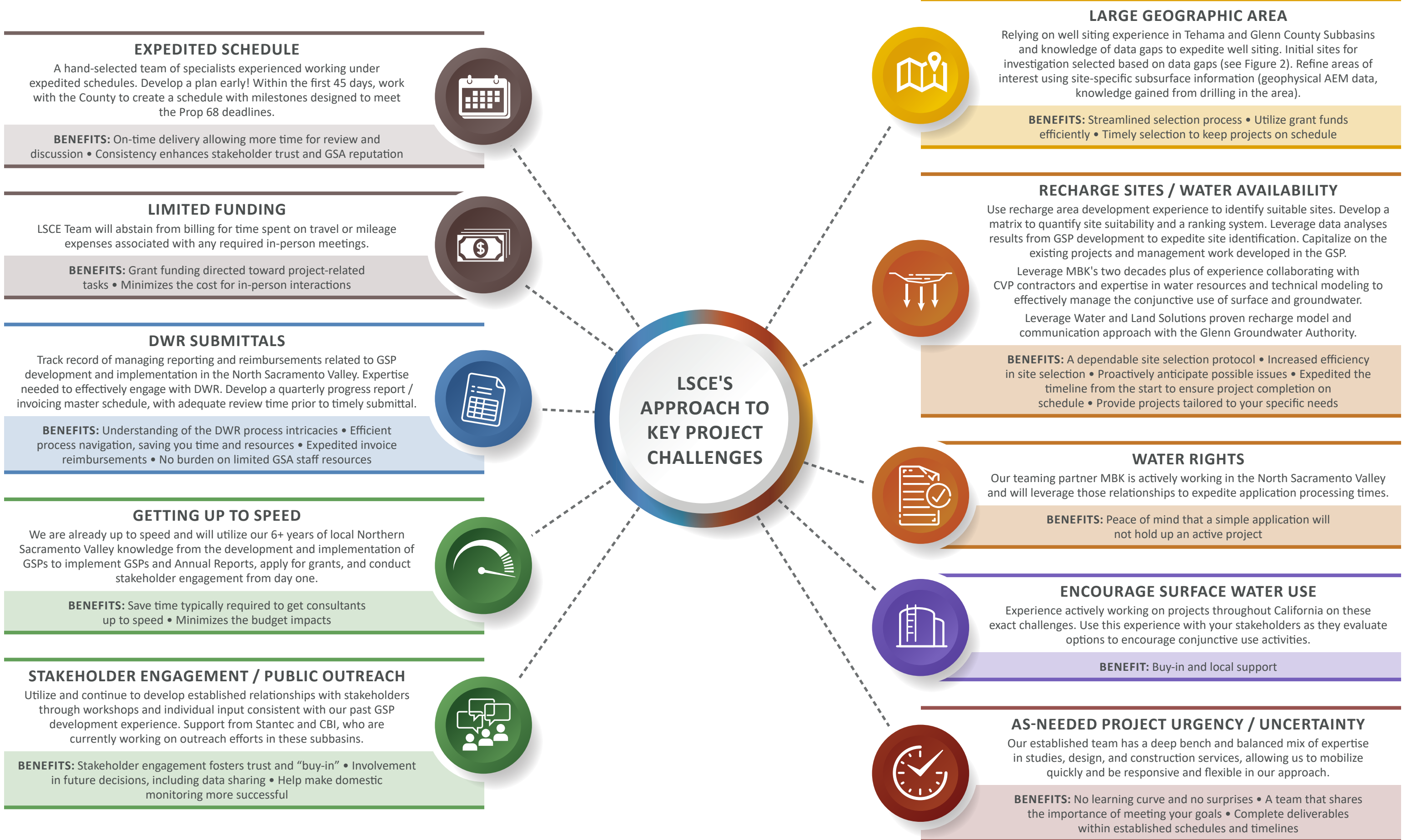
Project Implementation

To ensure your project objectives and expectations are met, the selected consultant must have a comprehensive understanding of the challenges and potential issues that might arise during the implementation of these tasks. As demonstrated by our team's previous GSP development and GSP implementation experience, our understanding of the success factors for this project are unmatched. We have used this understanding to identify several key challenges that must be addressed by the selected consulting team to successfully implement this project.

The LSCE team has performed a detailed review of each of the six tasks identified in the RFQ and have: 1) identified potential challenges for each task, 2) developed an LSCE Team approach to meeting those challenges and more importantly 3) identified benefits you all will receive from our approach. **Figure 1. LSCE'S Approach to Key Project Challenges** on the following page includes a summary of our strategy to address specific task challenges.



Figure 1. LSCE'S Approach to Key Project Challenges



Scope of Work

This scope was developed using the RFQ requirements with additions/clarifications developed from the Prop 68 Grant Application and the LSCE Team's understanding of the Tasks. If the LSCE Team is selected, we can negotiate scope items and adjust costs to align with final grant awards and input from district/CSGSA staff. General assumptions and GSA participation expectations are presented below. These apply to all tasks.

ASSUMPTIONS

These projects, including scope, schedule, and budget are consistent with the SGM Grant Program's SGMA Implementation – Round 2 Draft Award List and our knowledge of the Prop 68 grant work plan (Application). Work can be adjusted and negotiated upon contract award to include limitations to funding based on the DWR contract and any additional work outside the scope of the Prop 68 grant.

It is assumed that subtasks for Task 1 encompass all subbasins and are not submitted on a per subbasin basis.

GSA PARTICIPATION

The GSAs may be asked to convene and attend Ad Hoc meetings, as necessary, to discuss key decisions related to the tasks.

The GSAs may need to provide copies of engineering drawings, reports, agreements, permits and information for water infrastructure, facilities, and land parcels to aid feasibility studies, design documents, and permitting.

Prompt execution of legal documents by the GSAs, with the support of LSCE staff, will be needed to remain on schedule, these include but are not limited to, forms, permits, applications, contracts, and agreements.

In order to achieve proper land use restrictions and well permitting updates related to Task 3, the CSGSA will need to coordinate with the counties (Glenn and Tehama) with respect to their roles and responsibilities (Corning Sub-basin only).

TASK 1. GRANT MANAGEMENT AND ADMINISTRATION

The management and administration of the grant will adhere to DWR reporting and contract requirements for the proposition 68 (Prop 68) grant and is only applicable to subbasins that will receive funding, including Antelope, Los Molinos, Red Bluff, and Corning. DWR has specific steps to ensure grant funding is used in the proper manner. This task will require an extensive knowledge of the scope of work and budget categories in the Prop 68 grant applications.

Task 1.1. Develop/Submit Quarterly Progress Reports

Prepare and submit progress reports detailing work completed with backup documentation submitted with invoices.

Task 1.2. Develop and Submit Quarterly Invoices

Develop and submit quarterly invoices. Collect and organize backup documentation by component, budget category, and task and submit documentation summary (Excel).

Task 1.3. Develop and Submit Environmental Information Form

Develop and submit the Environmental Information Form (EIF) within 30 days of grant agreement execution.

Submit a deliverable due date schedule within the same 30 day period. Work with DWR to approve schedules.

Task 1.4. Develop and Submit Draft/Final Component Completion Reports

Develop and submit Draft Component Completion Reports to DWR 90 days prior to each component's specific end date.

Prepare a Final Component Completion Report for each component addressing the DWR Grant Manager's comments within 30 days prior to each component's specific end date.

Task 1.5. Develop and Submit Draft/Final Grant Completion Report

Prepare and submit the Draft Grant Completion Report to DWR 90 days prior to the work completion date.

Prepare a Final Completion Report addressing the DWR Grant Manager's comments prior to the work completion date.

Task 1 Deliverables

- Quarterly Progress Reports
- Quarterly Invoices
- Environmental Information Form (EIF)
- Draft and Final Component Completion Reports
- Draft and Final Grant Completion Report

Task 1. Schedule Summary

Progress reports and invoicing will be quarterly. The draft grant completion report is due 90 days prior to the work completion date. The final grant completion report is due prior to the work completion date. A detailed schedule is provided at the end of this section.

Task	2024				2025				2026	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1.1	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
1.2	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
1.3	▲									
1.4								▲	▲	
1.5									▲	▲

Task 1 Budget Summary

LSCE Team's Task 1 estimate for all four funded subbasins is \$782,250, which is significantly be-low the grant award of \$1,366,050; we propose that the GSAs use the remainder of the grant funds to support additional staff positions and tasks. We can adjust the Task 1 budget according to GSA needs after awarded contract.

Task 1. Budget	Grant Awards	Estimated Budget
Corning	\$734,600	\$420,659
Red Bluff	\$323,500	\$185,248
Los Molinos	\$165,000	\$94,485
Antelope	\$142,950	\$81,858
Bowman	\$0	\$0
Total All Subbasins	\$1,366,050	\$782,250

TASK 2. GSP IMPLEMENTATION, OUTREACH, AND COMPLIANCE ACTIVITIES FOR LOS MOLINOS, RED BLUFF, AND CORNING SUBBASINS

Task 2 includes activities required to support the ongoing GSP implementation. The Los Molinos, Red Bluff, and Corning Subbasin's received grant funding associated with Task 2. Performing the following task for other subbasins can be negotiated upon awarded contract.

Task 2.1. GSP Annual Reports

Prepare and submit three (3) annual reports, per subbasin, during the life of the grant. Reimbursement for the 2022 annual report preparation is also included in the grant funding and will be secured. Annual Report preparation includes data acquisition and analysis, and uploading the files through DWR's SGMA Portal.



Task 2.2. Update GSP based on pending DWR Determination Letter

If necessary, modify the GSP in response to DWR's determination letter, expected in January 2024. Coordination and technical support to respond to DWR's requests in a timely, organized, and adequate manner, including coordination calls with DWR and developing written responses to DWR comments on the GSP.

Task 2.3. Stakeholder Engagement and Community Outreach

Perform public engagement at GSA and stakeholder meetings and workshops. Inform interested parties about implementation progress through continued GSP-related outreach, relevant reports, and data. Present information related to the grant's technical tasks at relevant GSA and stakeholder meetings.

Update the GSAs' websites as needed. Conduct ongoing communication with interested parties. Provide regular updates on grant implementation activities which may include mailers, emails, and website updates. Perform targeted outreach to domestic well owners, and hold public workshops for local stakeholders.

Task 2.4. Develop Long Term Funding Strategy

Conduct administrative activities for the creation of a fee study for each GSA to provide a sustainable, stable funding source. Work on a fee study conducted after October, 2022 is eligible for reimbursement using grant funds. This subtask will also include preparing reimbursement documentation for Corning Sub-Basin for their already conducted fee study.

Task 2.5. Develop and Implement Policy Framework for Water and Land Use Restrictions and Well Permitting (Corning Sub-basin only)

Establish water and land use management restrictions on future well pumping and new agricultural growth or other water intensive uses.

Coordinate with counties to establish or revise county well permitting, water use, and land use ordinances or policies to align with the goals of the GSPs.

Land use policies are under the counties' purview, therefore the GSAs will coordinate with the counties under this task with respect to their roles and responsibilities, to align policies where appropriate. A policy framework technical memorandum with recommendations will be produced.

Task 2.6. Regional SW/GW Interaction Model

Assist the GSAs with regional coordination and technical work to address Sustainable Management Criteria (SMC) related to Depletion of Interconnected Surface Water (UR 6) for annual reporting and the five-year updates. These efforts will address anticipated DWR comments on GSPs related to the use of groundwater levels as proxies for measurable objectives and minimum thresholds in GSPs.

LSCE's current model will be used, an integrated groundwater/surface water model (SVSim), to estimate groundwater and surface water flows and water elevations both necessary to quantify SMC.

Task 2.7. 5-year GSP Update with model update

Develop an updated GSP for submittal to DWR in January 2027 including a written assessment describing groundwater management efforts, information on proposed projects, and next steps. The conceptual and numerical models will be updated based on new data including the AEM surveys conducted by DWR in 2022. Model data gaps and calibration quality will inform well installation and data acquisition. Coordinate with adjacent subbasin GSAs to encourage reconciliation of boundary metrics in the context of model improvements. Currently, SMC and estimates of hydraulic conditions are inconsistent across the rivers that act as boundaries. The update will address DWR comments or recommendations on the approved 2022 GSP.

Task 2 Deliverables

Task 2 deliverables are included in the list below. Annual Reports will be submitted by April 1st of each year. If necessary the Amended GSP will be submitted in the fourth quarter of 2024.

- 2022 Annual report reimbursement documentation
- 2023, 2024, and 2025 Annual Report Submitted to DWR
- Amended GSP (if applicable)
- Public meeting and workshop minutes
- Public outreach documents
- Website content
- Funding strategy report
- Fee study reimbursement documentation as applicable
- Policy framework technical memorandum
- Regional model update technical memorandum
- Draft five-year GSP update

Task 2. Schedule Summary

Task 2 deliverables are included in the table below. Annual Reports will be submitted by April 1st of each year. If necessary the Amended GSP will be submitted in the fourth quarter of 2024. A detailed schedule is provided at the end of this section.

Task	2024				2025				2026	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
2.1	▲				▲				▲	
2.2				▲						
2.3										
2.4	▲						▲			
2.5				▲						
2.6								▲		
2.7									▲	

Task 2 Budget Summary

The budget for Task 2 is tentatively \$3,886,000 to be updated upon contract award.

	Total (5 Subs.)	Corning	Red Bluff	Los Molinos	Antelope
2.1	\$520,000	\$180,000	\$180,000	\$160,000	—
2.2	\$375,000	\$125,000	\$125,000	\$125,000	—
2.3	\$811,000	\$180,000	\$323,000	\$308,000	—
2.4	\$300,000	\$100,000	\$100,000	\$100,000	—
2.5	\$225,000	\$225,000	—	—	—
2.6	\$255,000	\$85,000	\$85,000	\$85,000	—
2.7	\$1,400,000	\$475,000	\$475,000	\$450,000	—
GA	\$3,886,000	\$1,370,000	\$1,288,000	\$1,228,000	—

GA = Grant Awards

TASK 3. ONGOING MONITORING, DATA GAPS, & ENHANCEMENTS FOR CORNING & ANTELOPE SUBBASINS

This task will enhance the monitoring network and fill data gaps and includes the installation of monitoring wells (both multi-completion and single completion), the installation of surface water stream gages, a biological survey, video logging, geophysical investigations, aquifer tests, a domestic well program, and domestic well outreach. The stream gages and shallow wells will be equipped with dataloggers to compare the stream stage with shallow groundwater levels at comparable times. Synoptic measurements in combination with stream gage data will be used to obtain flow measurements for major creeks. A biological survey will be conducted to identify Groundwater Dependent Ecosystems (GDEs) and assess potential undesirable effects from the depletion of groundwater feeding surface water related ecological communities. This task is funded by Prop 68 for only the Corning and Antelope subbasins. Additional work can be negotiated upon awarded contract. All subtasks include acquiring necessary permits and environmental/CEQA documentation.

Task 3.1. Installation of Multi-completion monitoring wells for Corning and Antelope

Planning/Design

Plan and design the multi-completion monitoring well installations.

Perform a technical assessment of monitoring well locations, associated costs, and landowner participation to determine the final number and location of monitoring wells to be installed, and the final number of completions (separate screens) to be included in each well. Potential monitoring well locations are shown on **Figure 2**.

Implementation

Install applicable number of multi-completion monitoring wells as funded by Prop 68. Two (2) to four (4) vertical zones will be installed per well. The final well design including the number of screen intervals, will be based on the HCM, water conditions and available budget. Well location will also be based on an assessment of the HCM, water trends and conditions, and access agreements.

Task 3.2. Install SW/GW Monitoring sites in Corning and Antelope

Planning/Design

Plan and design shallow well or piezometer and stream gage installations/maintenance.

Perform a technical assessment of monitoring locations, associated costs, and landowner participation to determine the final number and location of sites to be installed, and the final number of stream gages to be installed. Potential monitoring locations are shown on **Figure 2**.

Implementation

Install interconnected surface water monitoring sites consisting of 1 stream gage and 3 shallow wells. The final well designs will be based on the depth and the distance from stream gages, the HCM, water conditions and available budget. Monitoring site locations will also be based on an assessment of the HCM, data gaps, water trends and conditions, and access agreements.

Task 3.3. Synoptic Stream gaging in Corning and Antelope

Perform a synoptic stream gage study. Stream discharge measurements needed for this survey will be measured with existing and portable equipment. The LSCE Team will work with stream gage agencies to install or rehabilitate inactive stream gages if necessary.

Task 3.4. Biological Investigation in Corning and Antelope

GDE mapping will be based on standard ecological mapping techniques. Mapping will be conducted in areas identified in the GSP as iGDE, initially as shown on **Figure 2**, then expanded based on information from planning efforts and field observations.

Biological studies will take place multiple times over a period of three years in order to define how GDE changes over time.

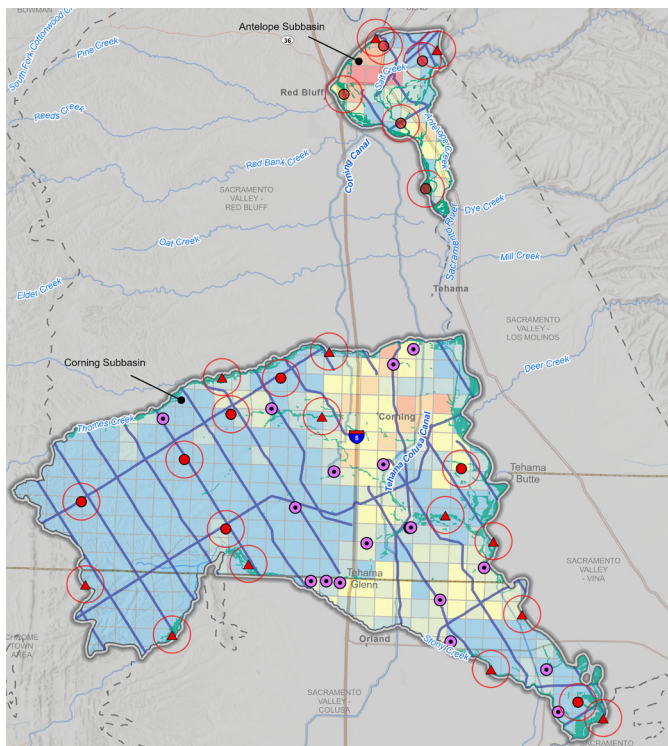


Figure 2. Monitoring Network Enhancement Locations

Task 3.5. Develop Community Domestic Monitoring Program in Corning and Antelope

Planning/Implementation

Create a monitoring program plan for domestic well owners. The plan will include methods for outreach and engagement, identify and meet education needs, identify methods for data management, and plan implementation.

Purchase necessary monitoring equipment to track water levels in 25 domestic wells. Engage with domestic well owners who have volunteered to participate and install equipment necessary for monitoring.

Enhance the existing Data Management System (DMS) to include the water levels collected as part of the community monitoring program. Include the capability for the DMS to produce materials on the status of subbasin sustainability for interested parties.

Create a user interface with new or existing frontend software needed to visually communicate water levels.

Community Engagement

Perform public engagement through workshops designed to educate participants in the community monitoring program including how to use the installed monitoring equipment and submit data that will be uploaded to the DMS.

Inform interested parties about implementation progress through continued GSP-related outreach, relevant reports, and data. Develop public information materials for distribution to inform the public of the program and how they can participate.

Hold workshops to discuss the program and hear community suggestions, questions, and concerns.

The domestic well monitoring program also includes providing educational resources for well testing, inspection, and replacement.

Well owners in locations where domestic wells are known to become dry or have water quality impacts will be targeted. Areas with a high density of domestic wells as preliminary locations are provided on **Figure 2**. A map depicting community monitoring efforts to be used as an example is shown on **Figure 3**.

Task 3.6. Groundwater Levels and Quality Monitoring in Antelope

Collect groundwater level, groundwater quality, and isotope data to help assess groundwater conditions in the basin.

Provide a baseline of constituents (analytical results) for all groundwater quality monitoring sites.

Conduct ongoing water quality and groundwater level monitoring bi-annually to track GSP progress.

Task 3.7. Expand Groundwater Quality Monitoring Network in Corning

Expand groundwater quality monitoring network to include domestic wells.

Coordinate with applicable agencies to ensure groundwater quality monitoring continues in current monitoring networks.

Task 3.8. Video Log Current Monitor Wells with unknown construction in Corning

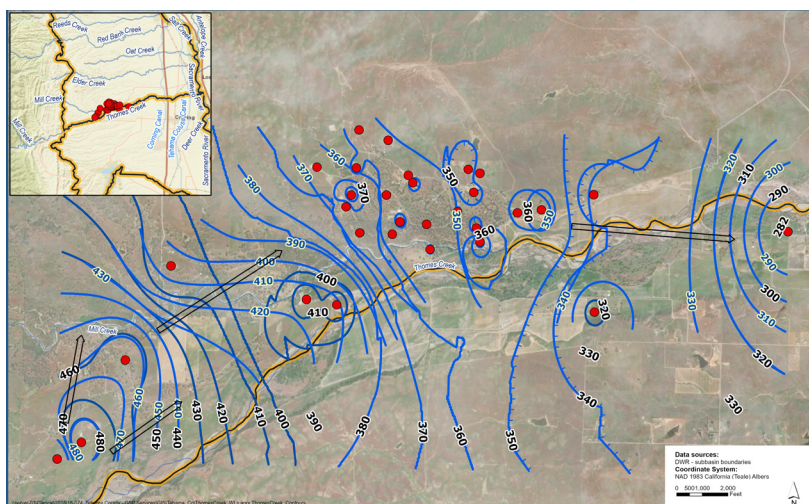
Conduct down hole video log of the 14 monitoring wells with unknown construction (screen intervals) in the Corning Subbasin. Locations of the wells to be video logged are shown on **Figure 2**.

Task 3.9. Expand Geologic Understanding of the Subbasin in Corning

Aquifer Tests - Perform at least four (4) (8 hr) aquifer tests to expand understanding of the aquifer hydraulic properties.

Geophysical Report - Use geophysical survey results, including new 2022 AEM data and 2018 Butte County AEM Pilot Study data, to better define the HCM and groundwater model. AEM flight lines are shown on **Figure 2**.

Figure 3. Community Domestic Monitoring Network Example in the Red Bluff Subbasin



Task 3 Deliverables

- Multi-completion and SW/GW monitoring well designs, plans and specifications, and locations
- Multi-completion and SW/GW monitoring well completion reports
- Well installation reports outlining all installation activities and acquired data during Multi-completion well installation
- Surface and groundwater monitoring site summary report outlining equipment installation activities, data acquired during installation, photo documentation and well completion reports
- Synoptic stream gaging technical memorandum
- Biological investigation progress reports
- Biological investigation completion technical memorandum
- Community monitoring plan
- Community domestic well monitoring equipment summary technical memorandum
- Link to DMS and visualizations hosted on each GSA's website
- Community domestic workshop summary memorandum
- Annual community monitoring program summary hosted on each GSA's website including a well owner's guide
- Water quality baseline technical memorandum for Antelope
- Groundwater quality results (bi-annually) to include in annual reports for Antelope
- Groundwater quality network expansion technical memorandum for Corning
- Video log surveys
- Updated as-built drawings of surveyed wells
- Updated construction information in applicable databases
- Aquifer test technical memorandum and recommended model updates
- Geophysical report outlining potential model updates

Task 3 Budget Summary

The total budget for Task 3 is estimated to be \$4,448,500 and itemized below.

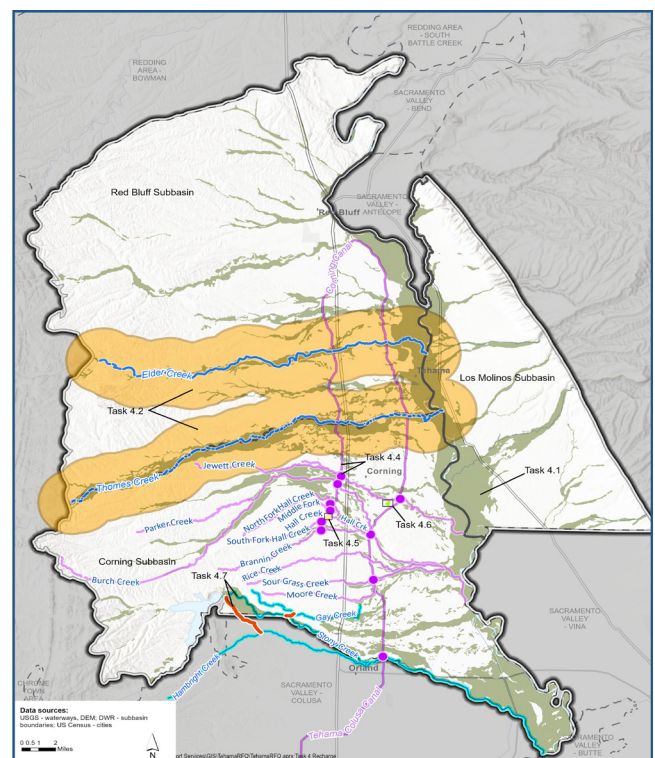
	Total (all Subs.)	Corning	RB	LM	Antelope
3.1	\$2,003,500	\$1,259,000	—	—	\$744,500
3.2	\$675,000	\$450,000	—	—	\$225,000
3.3	\$220,000	\$125,000	—	—	\$95,000
3.4	\$185,000	\$110,000	—	—	\$75,000
3.5	\$325,000	\$200,000	—	—	\$125,000
3.6	\$165,000	—	—	—	\$165,000
3.7	\$315,000	\$315,000	—	—	—
3.8	\$150,000	\$150,000	—	—	—
3.9	\$410,000	\$410,000	—	—	—
GA	\$4,448,500	\$3,019,000	—	—	\$1,429,500

GA = Grant Awards, Corn. = Corning, RB = Red Bluff, LM = Los Molinos, Ant. = Antelope, Bow. = Bowman

TASK 4. PROJECTS AND MANAGEMENT ACTIONS – RECHARGE FOCUSED IN CORNING, RED BLUFF, AND LOS MOLINOS SUBBASINS

This task consists of feasibility, pilot projects, and implementation of recharge-based projects. The goals of these projects are to facilitate recharge (direct or in-lieu) to increase available water in the principal aquifer. Siting decisions as part of Tasks 4.1 and 4.3 will be based on recharge potential mapping (**Figure 4**).

Figure 4. Recharge Project Locations



Task 3 Schedule Summary

Below is an initial overview of the schedule for task 3. Specific dates will be decided upon contract award. A detailed schedule is provided at the end of this section.

Task	2024				2025				2026	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
3.1			▲					▲		
3.2			▲					▲		
3.3				▲				▲		
3.4			▲			▲		▲		
3.5					▲					▲
3.6				▲						
3.7				▲						
3.8					▲					
3.9				▲			▲			

All subtasks include acquiring necessary permits and environmental/CEQA documentation, as applicable.

Task 4.1. Multi-benefit Recharge Project: Los Molinos, Red Bluff, Corning Subbasins.

Feasibility Study

- Identify potential sites suitable for multi-benefit recharge.
- Coordinate with growers willing to participate in this project.
- Develop planning and design documents necessary for site preparation.

Implementation

- Install necessary conveyance infrastructure updates based on a technical assessment.
- Prepare selected fields for flooding and Install any necessary monitoring equipment

Task 4.2. Implement Thomes Creek (Corning and Red Bluff Subbasins) and Elder Creek (Red Bluff Subbasin Only) Diversions for Direct or in-Lieu Groundwater Recharge

Feasibility

- Conduct feasibility study, planning, and design activities to identify potential recharge areas, recharge techniques (Flood-MAR, injection wells, recharge basins), and coordinate with growers willing to participate in this project.
- Secure contracts with contractors and sub-contractors.

Implementation

Install necessary recharge infrastructure, which may be injection wells, recharge basins, and detention structures.

Determine the type, number and locations of recharge infrastructure based on a technical assessment of potential benefits and the availability of willing landowners.

Task 4.3. Groundwater and Stormwater Recharge Feasibility Study (Red Bluff and Los Molinos)

Feasibility

Conduct a feasibility study, plan, and design for groundwater recharge facilities with stormwater or flood water sources.

Task 4.4. Recharge through Unlined Canals and Drainages (Corning Sub-basin)

Feasibility

- Conduct feasibility study, planning, and design activities to identify potential recharge areas, recharge techniques, and coordinate with growers willing to participate in this project.
- Secure contracts with contractors and sub-contractors.

Implementation

- Determine the type, number and locations of recharge infrastructure based on a technical assessment of potential benefits and the availability of willing landowners.
- Install necessary recharge infrastructure, such as injection wells, recharge basins, and detention structures.

Task 4.5. Groundwater Recharge Pond South of Corning

Feasibility

- Conduct planning and design activities (working with USBR) associated with the use of the USBR storm control pond as a recharge pond within the Corning Subbasin.
- Develop planning and design documents necessary to update the existing pond, and assess the feasibility and storage capacity as in-lieu recharge.

Task 4.6. California Olive Ranch Groundwater Recharge Project

Feasibility

- Conduct planning and design activities (working with the California Olive Ranch) associated with installation of a new turnout and other necessary infrastructure needed for implementation of the recharge project.
- Develop planning and design documents necessary to install the additional turnout, to assess the feasibility and storage capacity of the project as in-lieu recharge.
- Secure contracts with contractors and sub-contractors.

Implementation

- Conduct activities associated with installation of a new turnout and other necessary infrastructure needed for implementation of the recharge project.
- Prepare final implementation summary report.

Task 4.7. Stony Creek Diversions for Recharge Feasibility and Pilot Program

Feasibility

- Conduct feasibility study, planning, and design activities associated with diverting flood flows from Stony Creek to Hambright Creek or Gay Creek.
- Acquire necessary permits and coordination agreements for flood water transfers.
- Develop planning and design documents necessary for conveyance preparation.
- Secure contracts with contractors and subcontractors.
- Conduct a pilot program associated with Stony Creek diversions to assess effectiveness of recharge.

Task 4 Deliverables

- Feasibility studies for all subtasks
- 100% Design, plans and specifications for all subtasks
- Multi-Benefit recharge project implementation summary report
- Develop GIS based Recharge Project map showing all recharge opportunities included in the scope
- Thomes Creek and Elder Creek pilot program summary report
- Thomes Creek and Elder Creek implementation summary report
- Groundwater and stormwater recharge summary report
- Recharge through unlined canals and drainages pilot program summary report
- Recharge through unlined canals and drainages implementation summary report
- GW recharge pond south of Corning summary report
- Completed coordination agreement with USBR
- California Olive Ranch groundwater recharge project implementation summary report
- Stony Creek diversions for recharge pilot program summary report

Task 4 Schedule

Below is an initial schedule for task 4. Specific dates will be decided upon contract award. A detailed schedule is provided at the end of this section.

Task	2024				2025				2026	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
4.1			▲			▲				
4.2			▲			▲				
4.3			▲		▲					
4.4			▲		▲			▲		
4.5			▲							
4.6			▲		▲			▲		
4.7			▲		▲					▲

Task 4 Budget

The budget to complete task 4 is estimated to be 4,128,500. The distribution is presented below.

	Total (all Subs.)	Corning	Red Bluff	Los Molinos	Ant.	Bow.
4.1	\$1,130,000	\$430,000	\$405,000	\$295,000	—	—
4.2	\$1,853,500	\$482,000	\$1,371,500	—	—	—
4.3	\$315,000	—	\$180,000	\$135,000	—	—
4.4	\$200,000	\$200,000	—	—	—	—
4.5	\$150,000	\$150,000	—	—	—	—
4.6	\$230,000	\$230,000	—	—	—	—
4.7	\$250,000	\$250,000	—	—	—	—
GA	\$4,128,500	\$1,742,000	\$1,956,500	\$430,000	—	—

GA = Grant Award, Ant. = Antelope, Bow. = Bowman

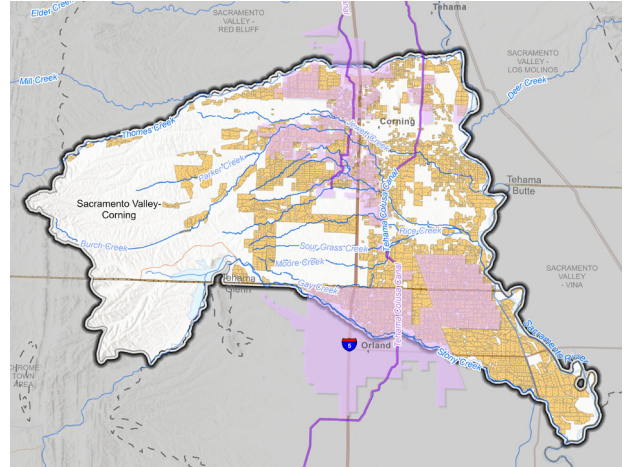
TASK 5. PROJECTS AND MANAGEMENT ACTIONS – CORNING REGIONAL CONJUNCTIVE USE

This task consists of two phases: 1) Regional water transfers for in-lieu recharge and 2) use of full surface water allocations. Regional water transfers for in-lieu recharge will focus on working with water purveyors in the Subbasin to maximize in-basin use of excess CVP supply. The Tehama-Colusa and Corning Canals convey CVP water to the Corning Subbasin as well as neighboring subbasins. Engaging in inter- and intra-basin water transfers of excess surface water supplies to maximize its use would offset groundwater pumping for irrigation purposes. Intrabasin water transfers will occur in canals shown on **Figure 5**.

Full surface allocations are intended as an incentive for agricultural users to use more surface water allocations when available and implement conveyance structure upgrades and irrigation system upgrades. These efforts will make it easier and beneficial for growers to use available surface water and offset groundwater pumping. The goals of task 5 are to minimize groundwater pumping throughout the Subbasin by both incentivizing the use of surface water over

groundwater and improving the regional water transfer systems for ease of distribution. This task will focus on agricultural surface water users that receive surface water from water districts and the conveyance structures. A map depicting the Tehama-Colusa Canal, Corning Canal, water district service boundaries, and agricultural land is included as **Figure 5** below.

Figure 5. Regional Conjunctive Use Project Locations



Task 5.1. Regional Water Transfers for In-Lieu Recharge

Feasibility, Planning, and Design

- Conduct a feasibility study relating to interbasin excess CVP water transfers
- Coordinate with other subbasins to create a plan and designs for regional water transfers
- Develop planning and design documents necessary for site preparation
- Complete associated environmental permits
- Acquire all other necessary permits and coordination agreements with other GSAs

Task 5.2. Use of Full Surface Water Allocations

- Prepare application(s) for and prepare necessary permit(s) to make conveyance upgrades
- Acquire necessary associated environmental permits and completion of CEQA documentation
- Perform initial implementation study
- Complete the preliminary design plans and specifications
- Develop and submit the 50% design plans for review and concurrence prior to completing the final design plans and specifications
- Prepare the 100% design plans and specifications in accordance with project requirements for public bidding for construction
- Submit the 100% design plans and specifications for review and concurrence prior to advertising for bids
- Develop all necessary pre-bid and bid documents to secure a contractor and submit to the DWR Grant Manager prior to advertising

- Award the contract and submit the Notice of Award to the DWR Grant Manager. Submit the Notice to Proceed to the DWR Grant Manager.

Implementation

- Construct conveyance and irrigation system upgrades per the final design plans and specifications
- Conduct an inspection of the completed conveyance and irrigation system upgrades by a licensed professional engineer and submit a Certification of Completion letter
- Monitor water district operations to track conveyance performance
- Monitor water levels around the water district's conveyance projects
- Include monitoring results in annual reports
- Create performance technical memorandum to summarize benefits gained

Outreach

- Perform grower engagement through workshops designed to educate participants on surface water use incentives.
- Inform interested parties about implementation progress through GSP-related outreach, relevant reports, and data.
- Develop public information materials for distribution to inform the public of the program and how they can participate.
- Hold workshops to discuss the program and hear community suggestions, questions, and concerns.

Task 5 Deliverables

- Regional water transfers feasibility study
- Regional water transfers designs plans and specifications as applicable
- Regional water transfers implementation summary report
- Use of full surface water allocations feasibility study
- Use of full surface water allocations design plans and specifications
- Use of full surface water allocations implementation summary report

Task 5 Schedule Summary

Below is an initial overview of the schedule for task 5. Specific dates will be decided upon contract award. A detailed schedule is provided at the end of this section.

Task	2024				2025				2026	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
5.1			▲							
5.2									▲	

Task 5 Budget Summary

The budget to complete Task 5 is \$1,215,000.

Task 5. Budget	Subtask 5.1	Subtask 5.2
Corning	\$250,000	\$965,000

TASK 6. PROVIDE GENERAL CONSULTING SERVICES ON AN AS-NEEDED BASIS

LSCE is currently providing on-call services to both Tehama and Glenn Counties. As Needed or on-call assignments typically involve projects marked by urgency or undefined conditions, accompanied by unpredictable resource needs. To proficiently meet these requirements, we've assembled a versatile team equipped with a diverse range of expertise spanning studies, design, and construction services. This strategic composition empowers us to mobilize swiftly, aligning seamlessly with the dynamic nature of on-call work. Our unwavering commitment is to ensure your needs are met promptly and effectively in the fast-paced world of on-call assignments.

The spectrum of our on-call tasks could include the following:

- Acting as an extension of your staff, providing valuable support in engineering, hydrogeology, or CAD/GIS
- Filling in data gaps where specialized services are necessary to complement your in-house team's capabilities
- Identifying subsequent Grant Funding Opportunities to fund Projects and Management Actions
- Participating in additional meeting(s) not included as part of Tasks 1 - 5
- Delivering comprehensive turnkey solutions for priority studies or design projects
- Executing specific components of the on-call task, which may involve creating new maps or revising existing maps to support the GSAs' projects and initiatives
- Generating hydrographs with updated data and statistics

Our approach to delivering potential on-call assignments revolves around our previous on-call assignments with both Glenn and Tehama Counties and starts with our experienced project manager, Eddy Teasdale. Eddy will collaborate closely with GSA staff to define a project, develop a specific scope of work, budget, and schedule for each on-call assignment. Once approved, the LSCE team will seamlessly execute the defined scope.

Task 6 Schedule Summary

Schedules will be Task specific but will be completed within the duration of the contract to maximize Prop 68 grant funding opportunities.

Task 6 Budget Summary

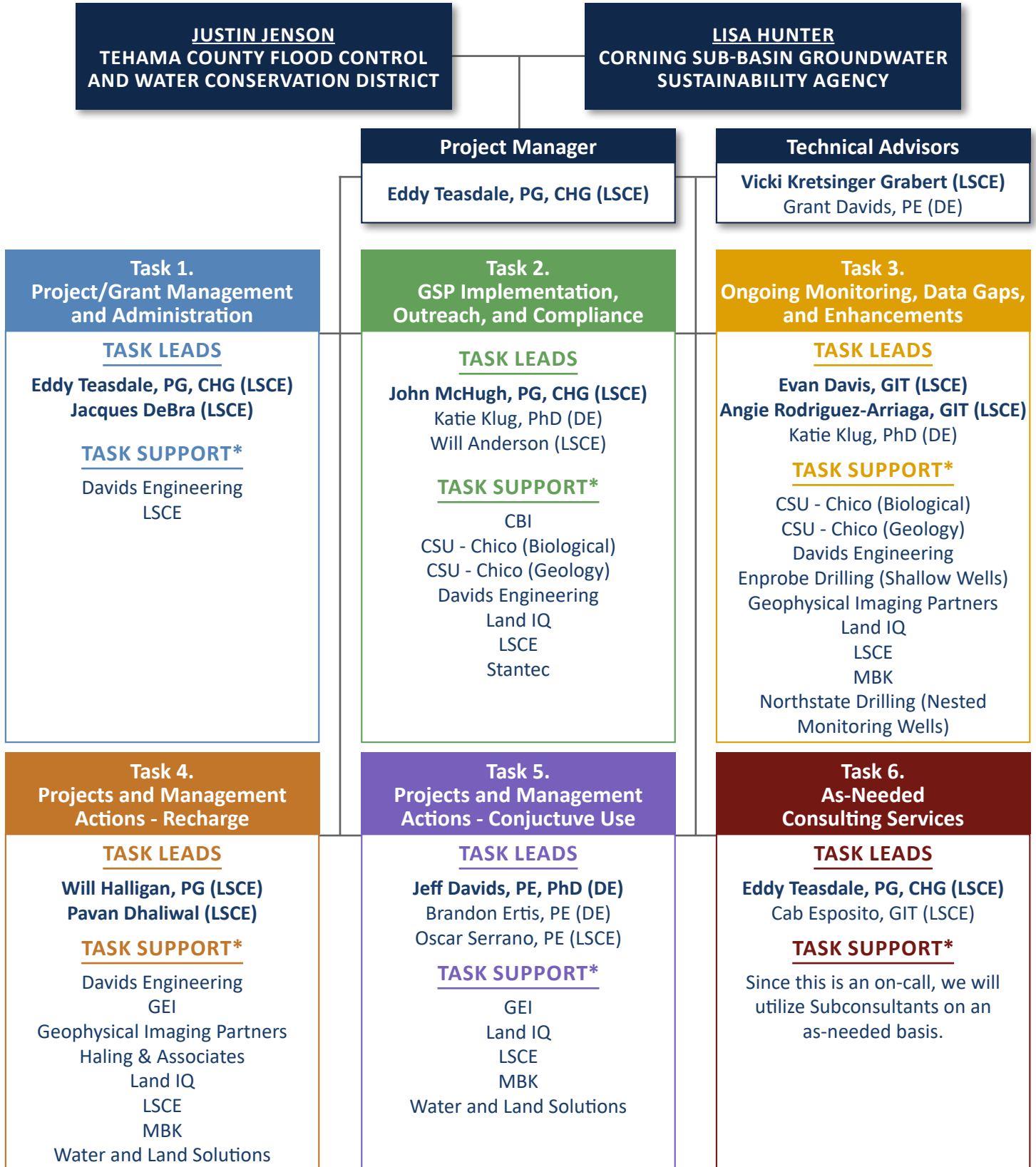
Dependent on specific assignment but will be charged on a time and materials basis with an agreed upon not to exceed value. We have allocated \$583K to this task (additional details are included in Section 6). We are also assuming that these costs can be covered by the Prop 68 grant.

Project Schedule - LSCE's proposed project schedule is based on the tasks included in the RFQ and scope of work with an anticipated project start date of the first quarter of 2024 with project completion by the second quarter of 2026. The estimated completion time of the project may change (shorten/lengthen) based upon the responsiveness of the other agencies to information requests, design review phases, permitting, contractor availability, procurement lead times (supply chain), and the ability to perform some project tasks concurrently. We understand that the grant agreement has a scheduled completion date of the second quarter of 2026. However, LSCE believes a request could be made to DWR (which is common) for an extension. The assembled LSCE Team members have all worked together on similar projects and have the experience to effectively gauge workloads and commitments to other projects. Prior to preparing this proposal, team members reviewed the scope of work described in the RFQ, current workloads, and current project schedules and confidently concluded that the LSCE Team can manage, staff, and complete the project in the timeline presented below. The project schedule will be updated monthly to reflect the actual project progress. The project schedule will be used to identify any issues that are or could potentially impact the project schedule and identify measures to mitigate project delays.

Task	2024				2025				2026	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Task 1. Project/Grant Management and Administration										
Task 1.1. Develop and Submit Quarterly Progress Reports	Submit Quarterly Progress Reports	Submit Quarterly Progress Reports	Submit Quarterly Progress Reports	Submit Quarterly Progress Reports	Submit Quarterly Progress Reports	Submit Quarterly Progress Reports	Submit Quarterly Progress Reports	Submit Quarterly Progress Reports	Submit Quarterly Progress Reports	Submit Quarterly Progress Reports
Task 1.2. Develop and Submit Quarterly Invoices	Submit Quarterly Invoices	Submit Quarterly Invoices	Submit Quarterly Invoices	Submit Quarterly Invoices	Submit Quarterly Invoices	Submit Quarterly Invoices	Submit Quarterly Invoices	Submit Quarterly Invoices	Submit Quarterly Invoices	Submit Quarterly Invoices
Task 1.3. Develop and Submit Environmental Information Form	Submit EIF									
Task 1.4. Develop and Submit Draft/Final Component Completion Report					Task 1.4 is Component based. Each comp. will have a draft (90 days before comp. completion) and final (30 days before comp. completion) completion report submitted to DWR.					
Task 1.5. Develop and Submit Draft/Final Grant Completion Report								Grant Implementation Period	Draft Completion Report	Final Completion Report
Task 2. GSP Implementation, Outreach, and Compliance Activities for Los Molinos, Red Bluff, and Corning Subbasins										
Task 2.1. GSP Annual Reports	Submit 2023 Annual Report	GSP Implementation & Compliance Activities			Submit 2024 Annual Report	GSP Implementation & Compliance Activities			Submit 2025 Annual Report	
Task 2.2. Update GSP based on Pending DWR Determination Letter	GSP Implementation & Compliance Activities			Amended GSP Submittal						
Task 2.3. Stakeholder Engagement and Community Outreach	Submit Meeting and workshop minutes, public outreach documents, and website documentation as needed									
Task 2.4. Develop Long-Term Funding Strategy	Submit Reimbursement Documentation	Develop Long-Term Funding Strategy					Fee Study for Applicable Subbasins			
Task 2.5. Develop & Implement Policy Framework for Water & Land Use Restrictions & Well Permitting (Corning Sub-basin Only)	Prepare Policy Framework Study			Policy Framework Memo to Corning Sub-Basin						
Task 2.6. Regional SW/GW Interaction Model	Coordination with Regional Modeling Team			Implement Model Updates				Regional SW/GW Model Interaction Tech Memo		
Task 2.7. 5-year GSP Update with Model Update					Draft 5-Year GSP Update				Submit 5-Year GSP Update	
Task 3. Ongoing Monitoring, Data Gaps, and Enhancements for Corning and Antelope Subbasins										
Task 3.1. Installation of Multi-completion Monitoring Wells For Corning And Antelope	Design Phase		Submit Designs, Plans, and Specifications	Construction Phase			Draft Well Installation Report	Submit Well Installation Reports & Completion Reports		
Task 3.2. Install SW/GW Monitoring Sites in Corning and Antelope	Design Phase		Submit Designs, Plans, and Specifications	Construction Phase			Draft SW/GW Site Installation Summary Report	Submit SW/GW Monitoring Site Installation Summary Report		
Task 3.3. Synoptic Stream gaging in Corning and Antelope	Planning and Design Synoptic Stream Gage			Submit Synoptic Stream Gaging Workplan	Conduct Synoptic Stream Gage			Submit Synoptic Stream Gaging Tech Memo		
Task 3.4. Biological Investigation in Corning and Antelope	Planning Phase	Conduct Biological Survey		Submit Biological Survey Progress Report		Submit Biological Survey Progress Report		Submit Biological Eval. Tech Memo		

Task	2024				2025				2026	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Task 3.5. Develop Community Domestic Monitoring Program in Corning and Antelope	Planning Phase Domestic Monitoring	Begin Domestic Monitoring			Submit Annual Domestic Monitoring Report				Submit Annual Domestic Monitoring Report	
Ongoing Domestic Monitoring										
Task 3.6. Groundwater Levels and Quality Monitoring in Antelope	GW Investigation Planning Phase		Conduct Baseline Sampling	Submit Baseline Tech Memo	Conduct Bi-annual Sampling	Data Analysis	Conduct Bi-annual Sampling	Data Analysis	Conduct Bi-annual Sampling	
Task 3.7. Expand Groundwater Quality Monitoring Network in Corning	WQ Monitoring Planning Phase		Conduct Baseline Sampling	Submit Baseline Tech Memo	Conduct Bi-annual Sampling	Complete GWQ Network Expansions	Conduct Bi-annual Sampling	Data Analysis	Conduct Bi-annual Sampling	
Task 3.8. Video Log Current Monitor Wells with Unknown Construction in Corning		Video Log Planning		Complete Video Logging	Submit Video-Log Report					
Task 3.9. Expand Geologic Understanding of the Subbasin in Corning	Planning for Aquifer Tests			Submit Aquifer Test Reports	Geophysical Investigation		Submit Geophysical Report			
Task 4. Projects and Management Actions – Recharge Focused in Corning, Red Bluff, and Los Molinos Subbasins										
Task 4.1. Multi-benefit Recharge Project: Los Molinos, Red Bluff, Corning Subbasins.	Conduct Feasibility	Complete Feasibility Study Draft Design Plans	Submit Design Plans	Develop/Install Infrastructure Improvements	Submit Construction Summary Report				Implement Recharge	
Task 4.2: Implement Thomes Creek (Corning and Red Bluff Subbasins) and Elder Creek (Red Bluff Subbasin Only) Diversions for Direct or in-Lieu Groundwater Recharge	Conduct Feasibility	Complete Feasibility Study Draft Design Plans	Submit Design Plans	Construct Recharge Infrastructure	Submit Construction Summary Report				Implement Recharge	
Task 4.3: Groundwater and Stormwater Recharge Feasibility Study (Red Bluff and Los Molinos)	Conduct Feasibility Study		Submit Feasibility Study	Draft Design Plans & Specs (if applicable)	Submit Design Plans and Specs (As Applicable)				Implement Recharge	
Task 4.4: Recharge through Unlined Canals and Drainages (Corning Subbasin)	Conduct Feasibility Study		Submit Feasibility Study	Draft Design Plans & Specs (if applicable)	Submit Design Plans and Specs (As Applicable)	Install Necessary Recharge Infrastructure	Submit Construction Summary Report		Implement Recharge	
Task 4.5: Groundwater Recharge Pond South of Corning	Conduct Feasibility Study Coordinate with USBR		Submit Feasibility Study and Coordination Agreement						Implement Recharge	
Task 4.6: California Olive Ranch Groundwater Recharge Project	Conduct Feasibility Study		Submit Feasibility Study	Draft Design Plans & Specs (if applicable)	Submit Design Plans and Specs (As Applicable)	Install Necessary Recharge Infrastructure and Implement Recharge Project	Complete and Submit Implementation Report			
Task 4.7: Stony Creek Diversions for Recharge Feasibility and Pilot Program	Conduct Feasibility Study		Submit Feasibility Study	Draft Design Plans & Specs (if applicable)	Submit Design Plans and Specs (As Applicable)	Install Necessary Recharge Infrastructure and Implement Pilot Program		Complete Pilot Program and Submit Summary Report	Implement Recharge	
Task 5: Projects and Management Actions – Corning Regional Conjunctive Use										
Task 5.1: Regional Water Transfers for In-Lieu Recharge	Conduct Feasibility, Planning, and Design		Submit Feasibility Study and Designs, Plans, and Specs							
Task 5.2: Use of Full Surface Water Allocations Planning			Begin Implementation Phase	Install Necessary Conveyance Systems Upgrades and Perform Community Outreach as Necessary				Submit Post-Performance Tech Memo	In Lieu Recharge	
Task 6: Provide General Consulting Services on an As-Needed Basis										
Task 6.1. As Needed Consulting Services					Perform As-Needed Additional Work					

SECTION 2. Experience of Proposed Personnel



Note: Each task has been assigned a color that has been used throughout this proposal.

BOLD names = Key Staff with bios included in this section.

Support Staff qualifications can be found in our staff table on the following page and resumes in **Appendix A**.

Project Team

Our Team members were selected through careful evaluation of the technical needs and tasks outlined in the GSAs' Request for Qualifications (RFQ). We have selected a highly qualified, experienced, and efficient group of professionals who have worked together on similar projects in and around the Sacramento Valley. **Each team member was carefully considered and assigned based on the GSAs' needs and how they can best lead or provide support.** We have provided a summary table below to outline our Team's expertise. On the following pages, we have included bios for our key staff that will lead or support the six tasks. Resumes outlining each team member's relevant project experience are included in **Appendix A**.

LSCE Team Key Staff and Support Staff Experience Summary Table															
Team Member	Firm	Years of Experience	Role												
				Experience in Sac. Valley	Positive interactions with DWR	Rural/Agricultural/Small Agencies	On-Call Consulting	Grant Administration	Annual Report Preparation	Fee Study	Well Ordinance and Permitting	Community Engagement Programs/Outreach	Water Quality Monitoring	Recharge Projects	
Eddy Teasdale, PG, CHG	LSCE	25	Task 1, 6 Lead	x	x	x	x	x	x	x	x	x	x	x	x
Vicki Kretsinger Grabert	LSCE	30+	Technical Advisor	x	x	x	x	x	x	x	x	x	x	x	x
Grant Davids, PE	DE	30+	Technical Advisor	x	x	x	x	x	x	x	x	x	x	x	x
Jacques DeBra	LSCE	30+	Task 1 Lead	x	x	x	x	x	x	x	x	x	x	x	x
John McHugh, PG, CHG	LSCE	30+	Task 2 Lead	x	x	x	x	x	x	x	x	x	x	x	x
Katie Klug, PhD	DE	5	Task 2 Lead, Task 3 Support	x	x	x	x	x	x	x	x	x	x	x	x
Will Anderson	LSCE	3	Task 2 Lead	x	x	x			x		x			x	x
Evan Davis, GIT	LSCE	4	Task 3 Lead	x	x	x	x	x	x	x	x	x	x	x	x
Angie Rodriguez-Arriaga	LSCE	3	Task 3 Lead	x	x	x	x	x	x	x	x	x	x	x	
Will Halligan, PG	LSCE	30+	Task 4 Lead	x	x	x	x	x	x		x	x	x	x	x
Pavan Dhaliwal	LSCE		Task 4 Lead	x	x	x	x		x		x	x	x	x	x
Jeff Davids, PE, PhD	DE	15	Task 5 Lead	x	x	x	x	x	x	x	x	x	x	x	x
Oscar Serrano, PE	LSCE	21	Task 5 Lead	x	x	x	x	x	x	x	x	x	x	x	x
Brandon Ertis, PE	DE	10	Task 5 Lead	x	x	x	x	x	x			x	x	x	
Cab Esposito	LSCE	11	Task 6 Lead	x	x	x	x		x		x	x	x		
Stephanie Horii	CBI	15	Task 2 Support	x	x	x	x		x		x	x	x		
Sophie Carillo-Mandel	CBI	10	Task 2 Support	x	x	x	x		x		x	x	x		
Christy Clark	Stantec	30+	Task 2 Support	x	x	x	x		x		x	x	x		
Kristen Kaczynski, PhD	CSU	10	Task 3 Support	x	x	x	x					x	x		
Todd Greene, PhD	CSU	23	Task 3 Support	x	x	x	x					x	x		
Bryan Thoreson, PE, PhD	GEI	30+	Task 4, 5, and 6 Support	x	x	x	x	x	x	x	x	x	x	x	x
Ahmad Ali Behroozmand, PhD, PGP	GIP	15	Task 3, 4 and 6 Support	x	x	x	x	x	x	x	x	x	x	x	x
Greg Haling, PE	H&A	30+	Task 4 and 6 Support	x	x	x	x	x	x	x	x	x	x	x	x
Joseph McConnell, EIT	H&A	5	Task 4 and 6 Support	x	x	x	x	x	x	x	x	x	x	x	x
Jenny Scheer	L&W	15	Task 4, 5, and 6 Support	x	x	x	x	x				x	x	x	
Brad Samuelson	L&W	27	Task 4, 5, and 6 Support	x	x	x	x	x				x	x	x	
Joel Kimmelshue, PhD, CPSS	Land IQ	25	Task 2, 3, 4, and 5 Support	x	x	x	x	x	x	x	x	x	x	x	x
Stephanie Tillman, CPSS	Land IQ	20	Task 2, 3, 4, and 5 Support	x	x	x	x	x	x	x	x	x	x	x	x
Lee Bergfeld, PE	MBK	12	Task 5 and 6 Support	x	x	x	x	x	x	x	x	x	x	x	x
Darren Cordova, PE	MBK	15	Task 5 and 6 Support	x	x	x	x	x	x	x	x	x	x	x	x

Eddy Teasdale, PG, CHG	Luhdorff and Scalmanini	Project Manager, Task 1 and 6 Lead
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<i>Chico, CA</i>	<i>75% Available</i>	
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Eddy will assume the pivotal role of the overall project manager, taking the lead on both Task 1 and Task 6. In this capacity, he will play a central role in ensuring the project's scope, schedule, and budget stay firmly on course. Eddy brings a wealth of experience in managing diverse

projects, ranging from water resources to groundwater investigations, modeling, and environmental permitting. What truly distinguishes Eddy is his residence and work based in the North Sacramento Valley. His proactive approach to staying abreast of the ever-evolving landscape of SGMA regulations sets him apart. Eddy maintains consistent and effective lines of communication with key stakeholders, which include the DWR, SWRCB, and Northern California Water Agency staff responsible for facilitating SGMA implementation. With Eddy at the helm, your project is poised for success.

- 2022 GSP Development and Implementation for Los Molinos, Antelope, Red Bluff and Bowman Subbasins; Tehama County; Project Manager
- 2022 On-Call Hydrogeologic Support, Tehama County, Project Manager
- 2021 & 2022 GSP Annual Reports for Los Molinos, Antelope, Red Bluff and Bowman & Corning (2022 only) Subbasins; Tehama & Glenn County; Project Manager
- 2021 - 2023 GSP Annual Report Support and Implementation for Vina, Butte and Wyandotte Creek Subbasins; Butte County; Project Manager
- 2022 - 2025 GSP Annual Report Support and Implementation for Colusa Subbasin; Colusa and Glenn County; Principal Hydrogeologist
- 2023 Well Ordinance Support, Glenn County, PM

Vicki Kretsinger Grabert	Luhdorff and Scalmanini	Technical Advisor
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<i>Woodland, CA</i>	<i>15% Available</i>	
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Vicki has been involved in SGMA from the beginning. As founding President of the GRA and director for 23 years, Vicki was heavily involved in groundwater-related issues, including SGMA GSP regulation development and feedback as part of technical committee and the Contemporary Groundwater Issues Council. Since 2015, she has served as a member of DWR's Practitioner Advisory Panel, providing input to DWR on SGMA implementation. She is very familiar with the provisions of SGMA through extensive involvement in SGMA-related work in groundwater basins across California, including GSP development and annual reports.

- 2022 GSP Development and Implementation for Los Molinos, Antelope, Red Bluff and Bowman Subbasins; Tehama County; Technical Advisor
- GSP/SGMA and Groundwater Management, Napa County, Principal-in-Charge
- Groundwater Assessment Reports, Various Clients Northern CA (East San Joaquin County, Westside SJ River, Tulare Lake Basin, and more), Principal-in-Charge

Jacques DeBra	Luhdorff and Scalmanini	Task 1 Lead
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<i>Chico, CA</i>	<i>75% Available</i>	
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Jacques has over 35 years of grant funding procurement, management, and administration experience having secured grant funds from every California proposition funding program since 1988. Jacques was involved in securing grant funds for the Tehama GSA GSP development work and developing a financial strategy to support long term GSA implementation and SGMA compliance in the region. He is intimately familiar with the region's funding needs and has worked with agency staff on several projects to date.

- Tehama GSA Proposition 1 and 68 planning grant funding procurement and implementation to develop multiple GSPs in several Subbasins.
- Prop 1 and 68 planning grant funding procurement, management and administration, Solano GSA, Funding Lead.
- SGMA Implementation Round 2 funding procurement (approx \$11M awarded), Butte County GSAs, Funding Lead

John McHugh, PG, CHG	Luhdorff and Scalmanini	Task 2 Lead
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<i>Woodland, CA</i>	<i>75% Available</i>	
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John will lead, oversee, and manage Task 2, GSP Implementation, Outreach, and Compliance. John is uniquely qualified for this role since he managed the successful submittal of four Tehama County GSPs and five subbasin Annual Reports. John is well versed in SGMA, and is detail oriented.


- GSPs for four subbasins (Antelope, Bowman, Los Molinos, and Red Bluff) and the Flood Control Water Conservation District, and County of Glenn, Senior Hydrogeologist
- Annual Reports for four subbasins (Antelope, Bowman, Los Molinos, and Red Bluff), Tehama County, Senior Hydrogeologist
- Well Registration Project, Tehama County, Senior Hydrogeologist and Technical Advisor.




Katie Klug, PhD	Davids Engineering	Task 2 Lead
<i>Chico, CA</i>		<i>50% Available</i>
	Katie is an associate engineer with a strong background in collaborative water resources planning efforts, including those with a foundational modeling component. She has been instrumental in assessing water demands and supplies in various Water Management Plans (WMPs), Agricultural Water Management Plans (AWMPs), and GSPs for water districts and public agencies throughout California.	<ul style="list-style-type: none"> • “Plan for Water” Demand Modeling and Forecasting; Nevada Irrigation District; Project Manager • SGMA annual reports; Butte, Vina, Wyandotte Creek, Colusa, Corning, Antelope, Bowman, Red Bluff, Los Molinos, Solano, Madera, Chowchilla; Project Support/Management

Evan Davis, GIT	Luhdorff and Scalmanini	Task 3 Lead
<i>Chico, CA</i>		<i>75% Available</i>
	Evan will be leading Task 3 which includes siting areas for monitoring enhancements that will fill data gaps and overseeing subcontractors to ensure projects are successfully completed on time. Evan has been working for and around Tehama County since 2020 which makes him uniquely qualified to lead this task. He has focused on geologic investigations, both desktop and field studies, in Tehama county and his role has been focused on data collection and filling data gaps across all 5 Subbasins, data dissemination to the public, and preparing grant funding applications to assist with GSP implementation.	<ul style="list-style-type: none"> • Tehama County GSPs Drafting. Tehama County FCWCD GSA, Support. • Tehama County TSS Monitor Well App. Process and Installation. Tehama County FCWCD GSA. Support • Proposition 68 Round 2 Grant Application. Tehama County FCWCD GSA/Corning Sub-basin GSA. Support

Will Halligan, PG	Luhdorff and Scalmanini	Task 4 Lead
<i>Woodland, CA</i>		<i>50% Available</i>
	Recharge focused projects and management actions (task 4) will be led by Will. His experience includes development and peer review of groundwater flow models, evaluation of hydrogeologic conditions for groundwater management, monitoring programs, impact analysis for CEQ and NEPA studies, and the development/implementation of GSPs throughout the state. He is currently the project manager for multiple PMAs related to GSP implementation which include an evaluation of subsurface conditions to determine water bank capacity, design and construction oversight of monitoring and recovery wells, and monitoring and reporting of water bank activities.	<ul style="list-style-type: none"> • Groundwater and Surface Water Projects, GSP Implementation, Westlands Water District, Project Manager • Groundwater Banking Storage Pilot Program, Farmers Water District, Project Manager • GSP Development and Implementation within Delta Mendota Subbasin, Project Manager

Pavan Dhaliwal	Luhdorff and Scalmanini	Task 4 Lead
<i>Woodland, CA</i>		<i>50% Available</i>
	Pavan will be the project lead for the implementation of recharge focused projects and management actions (Task 4). She worked on 4 GSPs in Tehama county and designed the monitoring network distribution throughout the four subbasins. She has over 6 years of experience with recharge related projects, specifically, assessing percolation rates, feasibility studies and evaluating impacts of recharge on groundwater conditions.	<ul style="list-style-type: none"> • Tejon Ranch Water Banking (Confidential Client) • Site assessment for recharge as part of water banking operations • Field testing to establish percolation rates at potential recharge pond locations • Calculation of evaporative losses, total banking volume, and site prioritization

Jeff Davids, PhD	Davids Engineering	Task 5 Lead, Task 1, 2, 3, 4, and 6 Support
<i>Chico, CA</i>		<i>50% Available</i>
	Jeff will be the lead for Task 5 and provide support for all project tasks. He has supported water accounting and hydrologic/hydrogeologic characterization efforts for a variety of water managers and suppliers (local, state, and federal) in all the major irrigated regions of California, including the Imperial, San Joaquin, Sacramento, and Shasta Valleys. He also consults for the UN Food and Agriculture Organization (FAO).	<ul style="list-style-type: none"> • Flow measurement plan development and implementation; South San Joaquin ID and Turlock ID; Project Manager • SGMA annual reports; Butte, Vina, Wyandotte Creek, Colusa, Corning, Antelope, Bowman, Red Bluff, Los Molinos; Project Support/Management

Lee Bergfeld	MBK	Task 3, 4, 5, and 6 Support
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<i>Sacramento, CA</i>	<i>50% Available</i>
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Lee Bergfeld has over twenty years of experience as a civil engineer. He has developed and applied models to various aspects of water planning including calculations of agricultural and urban demands, reservoir operations, water temperature, and conjunctive management of surface and groundwater systems. He has provided technical modeling support for numerous projects. Recently, Lee has been a key member of the DWR team that produced the Water Available for Replenishment Report, a report required by the legislature as part of the SGMA. Lee has also been involved in several studies related to the use of flood water for managed aquifer recharge or Flood-MAR.

- Lee has worked with DWR staff to evaluate Flood-MAR potential on the Merced River, worked with DWR to investigate Flood-MAR as part of climate-change resiliency on the Tuolumne River, and analyzed potential Flood-MAR on the American River as a key part to increasing the level of flood protection for the City of Sacramento.

Jenny Scheer	Water and Land Solutions	Task 4 and 5 Support
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<i>Chico, CA</i>	<i>50% Available</i>
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Jenny Scheer will lead outreach and stakeholder engagement activities for Tasks 4 and 5. She will work with landowners, water districts, and other stakeholders to identify existing surface water rights that can be leveraged, conveyance to deliver surface water, and lands where direct recharge or conjunctive use can take place. For the past year, Jenny has successfully performed similar work in Glenn County where 15 pilot groundwater recharge projects were completed and are ongoing this water year.

- Pilot GW Recharge Project Implementation and Long-Term Groundwater Recharge Planning; Glenn County; Project Liaison
- Conjunctive Use and Groundwater Recharge Feasibility Analysis; California Olive Ranch; Tehama County
- Contract management of Kirkwood Water District; Tehama County

Bryan Thoreson	GEI	Task 4, 5, and 6 Support
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<i>Davis, CA</i>	<i>50% Available</i>
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Bryan will be supporting the recharge project planning and implementation. He has extensive SGMA experience with a focus on conceptualizing, planning and implementing recharge projects utilizing the most appropriate recharge method for the local situation. He has experience with on-farm recharge, recharge basins, recharge through unlined canals and natural water courses, subsurface recharge and Aquifer Storage and Recovery (ASR) recharge.

- Quantification of Groundwater Recharge and Design Criteria for On Farm Subsurface Recharge; Co-project Manager
- GSP Development and Implementation for Southern San Joaquin Municipal Utility District (SSJMUD); Co-project Manager

SECTION 3. Identification of Sub-Consultants

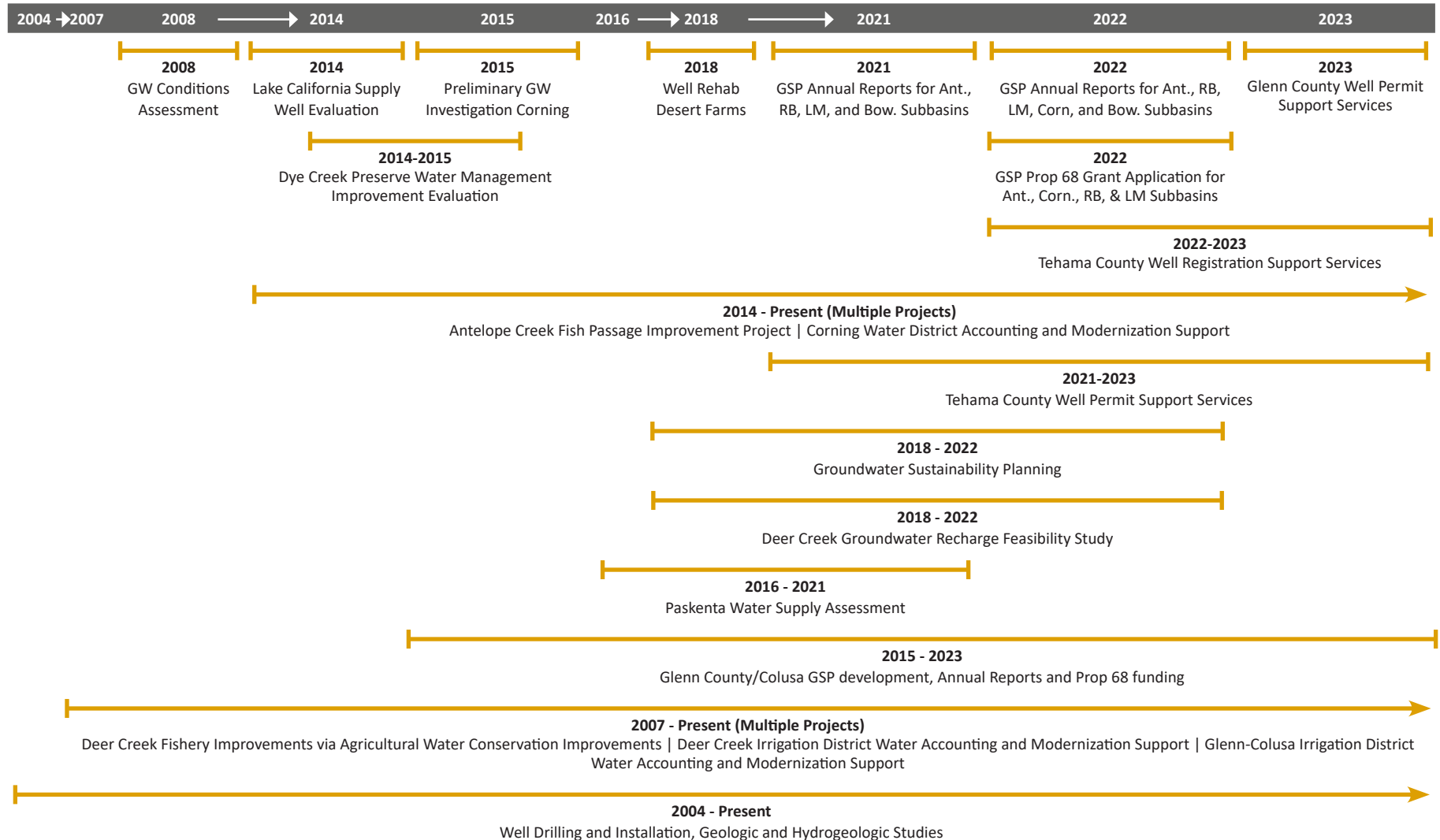
Firm Name	Location	Project Role	% of Scope
Consensus Building Institute	Sacramento, CA	Community engagement and outreach	1%
CSU – Chico (Biological)	Chico, CA	Groundwater dependent ecosystems mapping	3%
CSU – Chico (Geology)	Chico, CA	AEM examination and geologic studies	1%
Davids Engineering	Chico, CA	Conjunctive use projects and engineering support	12%
Enprobe Drilling	Chico, CA	Surface water/groundwater monitoring wells	3%
GEI	Davis, CA	Recharge feasibility design support	3%
Geophysical Imaging Partners	Pleasant Hill, CA	AEM/Geophysics investigations	2%
Haling and Associates	Chico, CA	Recharge project support	3%
Water and Land Solutions	Chico, CA	Water transfers and conjunctive use	3%
Land IQ	Sacramento, CA	Mapping support	2%
MBK	Sacramento, CA	Conveyance structures engineering	4%
Northstate Drilling	Chico, CA	Nested monitoring wells	3%
Stantec	Sacramento, CA	Community engagement/outreach	3%
Total Subconsultant Percentage of Scope			43%

SECTION 4. Prior Related Experience

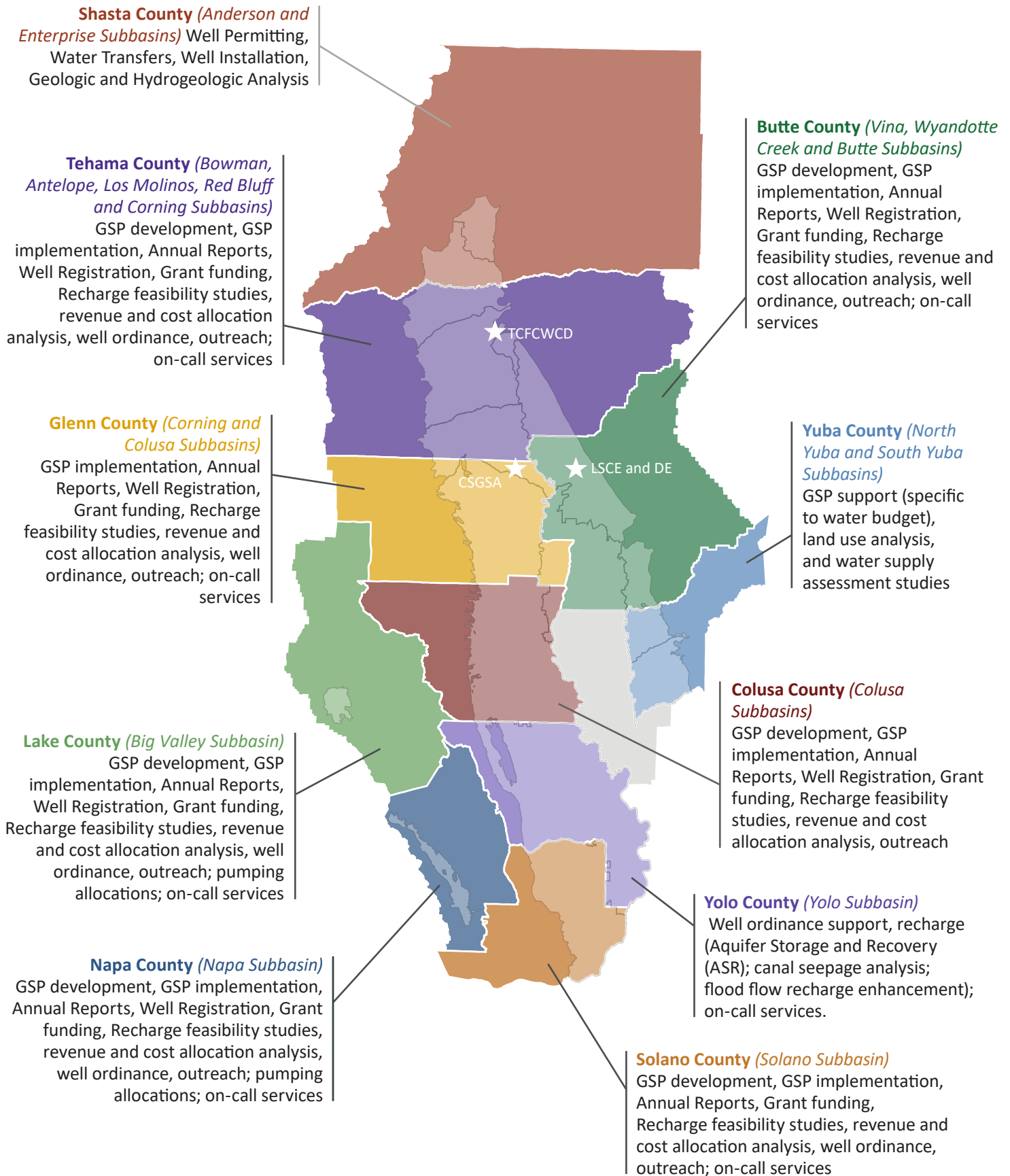
Comprehensive History in Tehama, Glenn and Butte

The LSCE Team has been a leader in SGMA-related work from the start; this includes our service on technical advisory groups to DWR during the development of the GSP emergency regulations and Best Management Practices for implementation of the Act. Since then, we have assisted many entities in Northern Sacramento Valley groundwater subbasins, especially those in Butte, Glenn, and Tehama Counties, to secure funding and fulfill SGMA requirements, including the development of GSPs, subsequent annual reports, funding mechanisms, and GSP implementation projects. Our technical work spans many of the high- and medium- priority basins or subbasins in Northern California. Our history working in these subbasins, especially in Butte, Glenn, and Tehama Counties are presented on the following timeline, map, and project references.

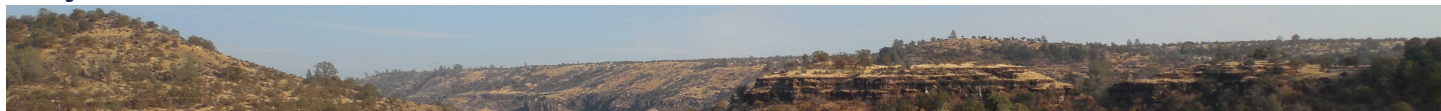
TIMELINE OF EXPERIENCE IN TEHAMA AND GLENN COUNTIES



Local Northern Sacramento Valley Experience



Project References



GSP Development, Implementation and Funding Support, Tehama County Flood Control and Water Conservation District: LSCE developed GSPs and completed first year annual reports for the Antelope, Bowman Los Molinos and Red Bluff Subbasins, and second year annual reports for all five subbasins (including Corning). The work included the technical work on the GSP chapters related to water budgets, sustainable management criteria, evaluating sustainability management actions and projects, development of implementation funding, and collaborating with the GSA and stakeholders.

REFERENCE: Mr. Justin Jenson, Deputy Director of Public Works – Water Resources; **PHONE:** 530.385.1462; **EMAIL:** jjenson@tcpw.ca.gov

TEAM: Eddy Teasdale, John McHugh, Cab Esposito, Evan Davis, Jacques DeBra, Davids Engineering, MBK

SIMILAR SERVICES

GSP administration and public outreach | Monitoring and data management | Annual report preparation | Grant/Funding assistance | GSP project development and implementation | Multiple GSA coordination | Meeting facilitation and consensus building | On-call consulting

Annual Reports, Drought Funding Report, General On-Call Services for Vina, Butte, and Wyandotte Creek Subbasins, CA: LSCE and DE provided technical support to Butte County in the development of the first year annual reports. Additionally, LSCE submitted a drought funding report and provide general on-call services.

REFERENCE: Kamie Loeser, Director, Butte County; **TEL:** 530.552.3590; **EMAIL:** kloeser@buttecounty.net

TEAM: Eddy Teasdale, Jacques DeBra, John McHugh, Evan Davis, Cab Esposito, Davids Engineering

SIMILAR SERVICES

GSP administration and public outreach | Monitoring and data management | Annual report preparation | Grant/Funding assistance | GSP project development and implementation | Multiple GSA coordination | Meeting facilitation and consensus building | On-call consulting

Hydrogeological Review for Non-Exempt Wells, Glenn County: LSCE is supporting the implementation of the revised Glenn County Water Well Drilling and Standards, specific to requirements for non-exempt wells. As part of the new well ordinance, all non-exempt well permit applicants shall include well construction design along with the maximum pump size and specifications.

REFERENCE: Marty Thomas, Director, Glenn County Planning & Community Development Services Agency; **TEL:** 530.934.6540; **EMAIL:** mthomas@countyofglenn.net

TEAM: Eddy Teasdale, John McHugh, Cab Esposito, Evan Davis, Angie Rodriguez Arriaga

SIMILAR SERVICES

Well ordinance | Permit applications | Application review | Well coordinates support | Construction/Design

Groundwater and Surface Water Projects, Westlands Water District: From 2015 to present, LSCE has provided Westlands Water District with technical support for GSP development and implementation.

REFERENCE: Kiti Campbell, Supervisor of Resources, Westlands Water District; **TEL:** 559.241.6226; **EMAIL:** Kcampbell@westlandswater.org

TEAM: Will Halligan, Pavan Dhaliwal, Eddy Teasdale, Evan Davis

SIMILAR SERVICES

GSP development | GSP administration and public outreach | Monitoring and data management | Annual report preparation | Grant/Funding assistance | GSP project development and implementation | Multiple GSA coordination | Meeting facilitation and consensus building

Evaluation of Restoration and Recharge, Butte County: GEI determined the feasibility of both direct and in-lieu recharge of the groundwater basins within Butte County (Vina, West Butte, East Butte, and Wyandotte Creek)

REFERENCE: Christina Buck, PhD, Butte County Department of Water Resource Conservation; **TEL:** 530.552.3593; **EMAIL:** cbuck@buttecounty.net

TEAM: Bryan Thoreson, GEI Support Staff

SIMILAR SERVICES

Projects and managements actions - Recharge | Recharge feasibility study | Multi-Benefit recharge | Biological Survey

Outreach and Stakeholder Engagement for Groundwater Recharge Planning, Glenn Groundwater Authority: WLS is leading the identification of potential projects and outreach and stakeholder engagement for groundwater recharge planning for the Glenn Groundwater Authority. In this capacity, WLS is responsible for assessing recharge opportunities and constraints and making a way for optimal outcomes. Over 15 pilot projects have been completed or are ongoing in water year 2022-2023. WLS is working closely with local landowners, local water districts, state agencies, and federal agencies to determine long-term solutions to increase groundwater supplies through groundwater recharge in Glenn County.

REFERENCE: Lisa Hunter, Program Manager, Glenn Groundwater Authority; **TEL:** 530.934.6540; **EMAIL:** lhunter@countyofglenn.net

TEAM: Jenny Scheer, Brad Samuelson, Water and Land Solutions Support

SIMILAR SERVICES

GSP administration and public outreach | Monitoring and data management | Multiple GSA coordination | Meeting facilitation and consensus building

SECTION 5. Responsiveness to Client Needs

Project Implementation Measures

- Intimately familiar with the GSAs and associated GSPs having prepared them for the County
- Know the stakeholders concerns regarding local control, state regulation, and focus on improving groundwater sustainability through recharge and other efforts
- Plan each task to encourage stakeholder and interested party involvement in project development process (input and ideas on what will work best for local landowners)
- Over four decades of experience working with DWR including:
 - SGMA compliance and regulations
 - DWR funding programs
 - California Water Plan Updates
 - California Water Well Standards updates
 - Drought Planning and Management activities
 - Integrated Regional Water Management activities
- Leverage established working relationships with DWR to collaborate throughout this project for the benefit of the County and its constituents
- Extensive project planning experience in completing projects from the planning phase through implementation
- Involve project partners and those impacted in a collaborative project planning (discuss options, trade-offs, and find creative solutions benefit of the rural communities involved)
- Leverage available FSS outreach support services to provide high quality public outreach deliverables



Availability For Various Project Meetings

- Full service for all project deliverables with minimal involvement from limited County staff
- Leveraging our five years of recent project experience with the County to minimize impacts to staff
- Develop master task implementation schedules with key milestones
- Keep County staff updated on progress and address issues as needed to keep the project on schedule and within budget
- County primary role will review of draft documents and deliverable (DWR submittals/key project meetings)

Perform Majority of Project Tasks

- Team is structured so members are available for project meetings throughout the project duration and unlike our competitors we are not going to charge for travel time, we know your stakeholders prefer in-person meetings and we are committed to making that work
- Team will prepare meeting agendas, handouts, and recaps for each meeting to keep tasks progressing in accordance with the project schedule
- LSCE will support project meetings, including District Board of Directors, Groundwater Commission, Corning Sub-basin GSA, Corning Subbasin Advisory Board, committee, public outreach, and review and adoption meetings
- Utilize the appropriate staff in consultation with County staff to attend each meeting based on the type and purpose of the meeting

Current GSA Clients

The LSCE team has extensive GSA experience including policy development and approvals. The LSCE Team is currently working with the following GSAs:

- Vina GSA
- Wyandotte Creek GSA
- Butte Subbasin GSA
- Corning Sub-basin GSA
- Colusa Groundwater Authority GSA
- Glenn Groundwater Authority GSA
- Tehama County GSA
- Big Valley GSA (Lake County)
- Napa County GSA
- Solano GSA
- East Contra Costa GSA
- Westlands GSA
- East Bay Plains GSA
- Farmers Water District GSA
- Henry Miller Water District
- Stockton East Water District
- Madera County GSA
- Chowchilla GSA

The LSCE Team has the resources to implement the GSAs' proposal along with servicing its current clients.

SECTION 6. Project Budget

Budget



The enclosed fee estimate for this project includes proposed rates for each project team member, their classification, and the number of proposed hours and costs for each task and subtask based on LSCE's 2023 Fee Schedule (included as an attachment herein). The fee estimate includes all project costs including expenses and subconsultant costs. Annual hourly rate adjustments may be requested at the beginning of each calendar year without affecting the not-to-exceed contract amount.

Our cost proposal represents the level of effort expected to fulfill the Scope of Services outlined in the RFQ. We would like to emphasize that this estimate is based on our current understanding of the scope of work. A list of assumptions used to develop our anticipated level of effort is included therein. If selected, it is expected that the Scope of Services and this fee estimate may be further refined during negotiations to meet the specific budget requirements and particular project needs of the District and CSGSA.

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Cost Summary by Person for GSP Development Services for the Bowman, Red Bluff, Antelope, and Los Molinos Subbasins

Project Task/Subtask	Labor Costs (hours)																			LSCE Costs (\$)	Subconsultant costs (\$)	Total Cost (\$)	
	LSCE Senior Hydrogeologist	LSCE Principal Hydrogeologist	LSCE Supervising Hydrogeologist	LSCE Senior Hydrogeologist	LSCE Project Hydrogeologist	LSCE Staff Hydrogeologist	LSCE Administration	CBI	CSU Chico - (Biological)	CSU Chico - (Geology)	Davids Engineering	Enprobe Drilling	GEI	Geophysical Imaging Partners	Haling and Associates	Land and Water Solutions	Land IQ	MBK	Northstate Drilling				Stantec
	\$247	\$236	\$228	\$210	\$175	\$160	\$110																
Task 1 - Project/Grant Management and Administration For Antelope, Los Molinos, Red Bluff, and Corning Subbasins	0	519	538	0	473	1570	1847														\$782,250	\$0	\$782,250
1.1. Develop and submit quarterly progress reports	0	100	104	0	473	369	430	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$236,250	\$0	\$236,250
1.2. Develop and submit quarterly invoices	0	195	201	0	0	0	835	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$183,750	\$0	\$183,750
1.3. Develop and submit environmental information form	0	89	92	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,000	\$0	\$42,000
1.4. Develop and submit draft/final component completion report	0	111	115	0	0	984	477	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$262,500	\$0	\$262,500
1.5. Develop and submit draft/final grant completion report	0	24	25	0	0	217	105	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$57,750	\$0	\$57,750
Task 1 Subtotals	0	519	538	0	473	1570	1847	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$782,250	\$0	\$782,250
Task 2 - GSP Implementation Outreach, and Compliance Activities for Los Molinos, Red Bluff, and Corning Subbasins	142	835	711	1094	3081	4214	4175														\$2,296,500	\$1,589,500	\$3,886,000
2.1. GSP Annual reports	0	66	68	149	446	683	567	\$0	\$0	\$0	\$156,000	\$0	\$0	\$52,000	\$0	\$0	\$0	\$0	\$0	\$0	\$312,000	\$208,000	\$520,000
2.2. Update GSP based on pending DWR determination letter	0	127	132	143	429	469	545	\$0	\$0	\$0	\$37,500	\$0	\$0	\$0	\$0	\$0	\$0	\$37,500	\$0	\$0	\$300,000	\$75,000	\$375,000
2.3. Stakeholder engagement and community outreach	0	172	178	193	579	634	737	\$202,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$202,750	\$0	\$405,500	\$405,500	\$811,000
2.4. Fee study for each GSA	0	102	105	114	343	375	436	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000	\$30,000	\$0	\$0	\$0	\$240,000	\$60,000	\$300,000
2.5. Develop and implement policy framework for water and land use restrictions and well permitting (for Corning Subbasin only)	0	29	30	64	193	295	245	\$0	\$0	\$0	\$45,000	\$0	\$0	\$0	\$0	\$22,500	\$22,500	\$0	\$0	\$0	\$135,000	\$90,000	\$225,000
2.6. Regional SW/GW interaction model	0	43	45	97	291	446	371	\$0	\$0	\$0	\$51,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$204,000	\$51,000	\$255,000
2.7. 5-Year GSP updates with model updates	142	297	154	333	800	1313	1273	\$0	\$140,000	\$0	\$420,000	\$0	\$0	\$140,000	\$0	\$0	\$0	\$0	\$0	\$0	\$700,000	\$700,000	\$1,400,000
Task 2 Subtotals	142	835	711	1094	3081	4214	4175	\$202,750	\$140,000	\$0	\$709,500	\$0	\$0	\$192,000	\$0	\$52,500	\$52,500	\$37,500	\$0	\$202,750	\$2,296,500	\$1,589,500	\$3,886,000
Task 3 - Ongoing Monitoring, Data Gaps, and Enhancements for Corning and Antelope Subbasins	0	321	665	722	2166	3317	2068														\$1,516,200	\$2,932,300	\$4,448,500
3.1. Installation of multi-completion monitoring wells	0	85	176	191	572	877	546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,602,800	\$0	\$400,700	\$1,602,800	\$2,003,500
3.2. Install SW/GW monitoring sites	0	29	59	64	193	295	184	\$0	\$0	\$0	\$0	\$540,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135,000	\$540,000	\$675,000
3.3. Synoptic stream gaging	0	23	48	52	157	241	150	\$0	\$0	\$0	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110,000	\$110,000	\$220,000
3.4. Biological investigation	0	4	8	9	26	40	25	\$0	\$166,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,500	\$166,500	\$185,000
3.5. Develop community domestic monitoring program	0	55	114	124	371	569	355	\$32,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$32,500	\$0	\$260,000	\$65,000	\$325,000
3.6. Groundwater levels and quality monitoring in Antelope Subbasin	0	35	72	79	236	361	225	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$165,000	\$0	\$165,000
3.7. Expand groundwater quality monitoring network in Corning Subbasin	0	67	138	150	450	689	430	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$315,000	\$0	\$315,000
3.8. Video log current monitor wells with unknown construction in Corning Subbasin	0	6	13	14	43	66	41	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120,000	\$30,000	\$120,000	\$150,000
3.9. Expand geologic understanding of the Corning Subbasin	0	17	36	39	117	179	112	\$0	\$0	\$82,000	\$0	\$0	\$0	\$164,000	\$0	\$0	\$0	\$0	\$82,000	\$0	\$82,000	\$328,000	\$410,000
Task 3 Subtotals	0	321	665	722	2166	3317	2068	\$32,500	\$166,500	\$82,000	\$110,000	\$540,000	\$0	\$164,000	\$0	\$0	\$0	\$0	\$1,684,800	\$152,500	\$1,516,200	\$2,932,300	\$4,448,500
Task 4 - Projects and Management Actions - Recharge Focused in Los Molinos, Red Bluff, and Corning Subbasins	255	534	0	300	0	5513	1146														\$1,260,050	\$2,868,450	\$4,128,500
4.1. Multi-benefit recharge project	69	144	0	81	0	1483	308	\$0	\$0	\$0	\$452,000	\$0	\$0	\$0	\$0	\$0	\$113,000	\$226,000	\$0	\$0	\$339,000	\$791,000	\$1,130,000
4.2. Implement Thomes Creek (Corning and Red Bluff Subbasins) and Elder Creek (Red Bluff Subbasin) diversion for direct or in-lieu groundwater recharge	113	236	0	132	0	2433	506	\$0	\$0	\$0	\$370,700	\$0	\$370,700	\$0	\$0	\$185,350	\$185,350	\$185,350	\$0	\$0	\$556,050	\$1,297,450	\$1,853,500
4.3. Groundwater and stormwater recharge feasibility study (Red Bluff and Los Molinos)	26	53	0	30	0	551	115	\$0	\$0	\$0	\$63,000	\$0	\$0	\$0	\$63,000	\$0	\$31,500	\$31,500	\$0	\$0	\$126,000	\$189,000	\$315,000
4.4. Recharge through unlined canals and drainages (Corning Subbasin)	8	17	0	10	0	175	36	\$0	\$0	\$0	\$40,000	\$0	\$40,000	\$0	\$40,000	\$0	\$0	\$40,000	\$0	\$0	\$40,000	\$160,000	\$200,000
4.5. Groundwater recharge pond south of Corning (Corning Subbasin)	6	13	0	7	0	131	27	\$0	\$0	\$0	\$30,000	\$0	\$30,000	\$0	\$30,000	\$15,000	\$0	\$15,000	\$0	\$0	\$30,000	\$120,000	\$150,000
4.6. California Olive Ranch groundwater recharge project (Corning Subbasin)	14	29	0	16	0	302	63	\$0	\$0	\$0	\$46,000	\$0	\$23,000	\$0	\$46,000	\$23,000	\$0	\$23,000	\$0	\$0	\$69,000	\$161,000	\$230,000
4.7. Stony Creek diversions for recharge feasibility and pilot program	20	42	0	24	0	438	91	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$100,000	\$150,000	\$250,000
Task 4 Subtotals	255	534	0	300	0	5513	1146	\$0	\$0	\$0	\$1,051,700	\$0	\$463,700	\$0	\$229,000	\$273,350	\$329,850	\$520,850	\$0	\$0	\$1,260,050	\$2,868,450	\$4,128,500
Task 5 - Projects and Management Actions - Regional Conjunctive Use Project in Corning Subbasin	0	103	107	58	347	532	331														\$243,000	\$972,000	\$1,215,000
5.1. Regional water transfers for in-lieu recharge	0	21	22	12	71	109	68	\$0	\$0	\$0	\$75,000	\$0	\$50,000	\$0	\$0	\$25,000	\$0	\$50,000	\$0	\$0	\$50,000	\$200,000	\$250,000
5.2. Use of full surface water allocations	0	82	85	46	276	422	263	\$0	\$0	\$0	\$289,500	\$0	\$193,000	\$0	\$0	\$96,500	\$0	\$193,000	\$0	\$0	\$193,000	\$772,000	\$965,000
Task 5 Subtotals	0	103	107	58	347	532	331	\$0	\$0	\$0	\$364,500	\$0	\$243,000	\$0	\$0	\$121,500	\$0	\$243,000	\$0	\$0	\$243,000	\$972,000	\$1,215,000
Task 6 - Provide general consulting services on an as-needed basis	0	247	512	556	667	1095	0														\$583,800	\$0	\$583,800
6.1. As needed consulting services	0	247	512	556	667	1095	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$583,800	\$0	\$583,800
Task 6 Subtotals	0	247	512	556	667	1095	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$583,800	\$0	\$583,800
Grand Totals	397	2560	2532	2729	6734	16240	9567	\$235,250	\$306,500	\$82,000	\$2,235,700	\$540,000	\$706,700	\$356,000	\$229,000	\$447,350	\$382,350	\$801,350	\$1,684,800	\$355,250	\$6,681,800	\$8,362,250	\$15,044,050

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2023 SCHEDULE OF FEES

ENGINEERING AND RELATED FIELD SERVICES

Professional*

Senior Principal	\$247/hr.
Principal Professional.....	\$236/hr.
Supervising Professional	\$228/hr.
Senior Professional	\$190 to 210/hr.
Project Professional	\$165 to 175/hr.
Staff Professional	\$145 to 160/hr.

Technical

Engineering Inspector	\$145/hr.
ACAD DMS/GIS.....	\$145/hr.
Engineering Assistant.....	\$120 to 145/hr.
Scientist.....	\$120 to 145/hr.
Technician.....	\$120 to 145/hr.

Project Admin Support

Word Processing, Clerical.....	\$94/hr.
Digital Communications Specialist	\$105/hr.
Project Admin/Accounting Assistant	\$110/hr.

Vehicle Use	\$0.655/mi(or curr. IRS rate)
Subsistence	Cost Plus 15%
Groundwater Sampling Equipment (Includes Operator)	\$170.00/hr
Copies	\$0.20 ea.
Professional or Technical Testimony	200% of Regular Rates
Technical Overtime (if required)	150% of Regular Rates
Outside Services/Rentals	Cost Plus 15%
Services by Associate Firms	Cost Plus 15%

* Engineer, Geologist, Hydrogeologist, and Hydrologist



Appendix A

Team Resumes

- Eddy Teasdale, PG, CHG (LSCE)
- Vicki Kretsinger Grabert (LSCE)
- Grant Davids, PE (Davids Engineering)
- Jacques DeBra (LSCE)
- John McHugh, PG, CHG (LSCE)
- Katie Klug, PhD (Davids Engineering)
- Will Anderson (LSCE)
- Evan Davis, GIT (LSCE)
- Angie Rodriguez-Arriaga, GIT (LSCE)
- Will Halligan, PG (LSCE)
- Pavan Dhaliwal (LSCE)
- Jeff Davids, Pe, PhD (Davids Engineering)
- Oscar Serrano, PE (LSCE)
- Brandon Ertis, PE (Davids Engineering)
- Cab Esposito, GIT (LSCE)
- Stephanie Horii (CBI)
- Sophie Carillo-Mandel (CBI)
- Christy Clark (Stantec)
- Kristen Kaczynski, PhD (CSU - Chico)
- Todd Greene, PhD (CSU - Chico)
- Bryan Thoreson, PE, PhD (GEI)
- Ahmad Ali Behroozmand, PhD, PGP (GIP)
- Greg Haling, PE (Haling and Associates)
- Joseph McConnell, EIT (Haling and Associates)
- Jenny Scheer (Water and Land Solutions)
- Brad Samuelson (Water and Land Solutions)
- Joel Kimmelshue, PhD, CPSS (Land IQ)
- Stephanie Tillman, CPSS (Land IQ)
- Lee Bergfeld, PE (MBK)
- Darren Cordova, PE (MBK)

12. *Approve Recommendation from Corning Subbasin Advisory Board to Approve Changes to the Corning Subbasin Monitoring Network and Include Updates in the Annual Report

The Corning Subbasin GSP identifies a groundwater level monitoring network consisting of 102 wells, 58 of which are included in the Representative Monitoring Station network, and are used to evaluate sustainability. Department of Water Resources (DWR) measures many of these wells at least twice per year. DWR has recently notified staff that some of these wells will no longer be measured by DWR staff for a variety of issues including site safety, owner permission, or physical issues with the well's ability to be measured. These wells include:

- 23N03W04H001M
- 23N03W05G001M
- 24N02W20B001M
- 24N03W01B001M
- 24N03W14B001M

On November 1, 2023, the CSAB recommended to the GSAs that the five wells be removed from the current monitoring network and for the monitoring network changes to be included in the Water Year 2023 Annual Report.

Attachments:

- GSP Figure 5-1. GSP Groundwater Level Monitoring Network
- GSP Table 5-2. Groundwater Level RMP Well Summary Data
- GSP Figure 5-2. Shallow Groundwater RMP Well Locations (less than 450 feet deep)
- GSP Figure 5-3. Deep Groundwater RMP Well Locations (greater than 450 feet deep)
- Summary Figure of Wells to be removed

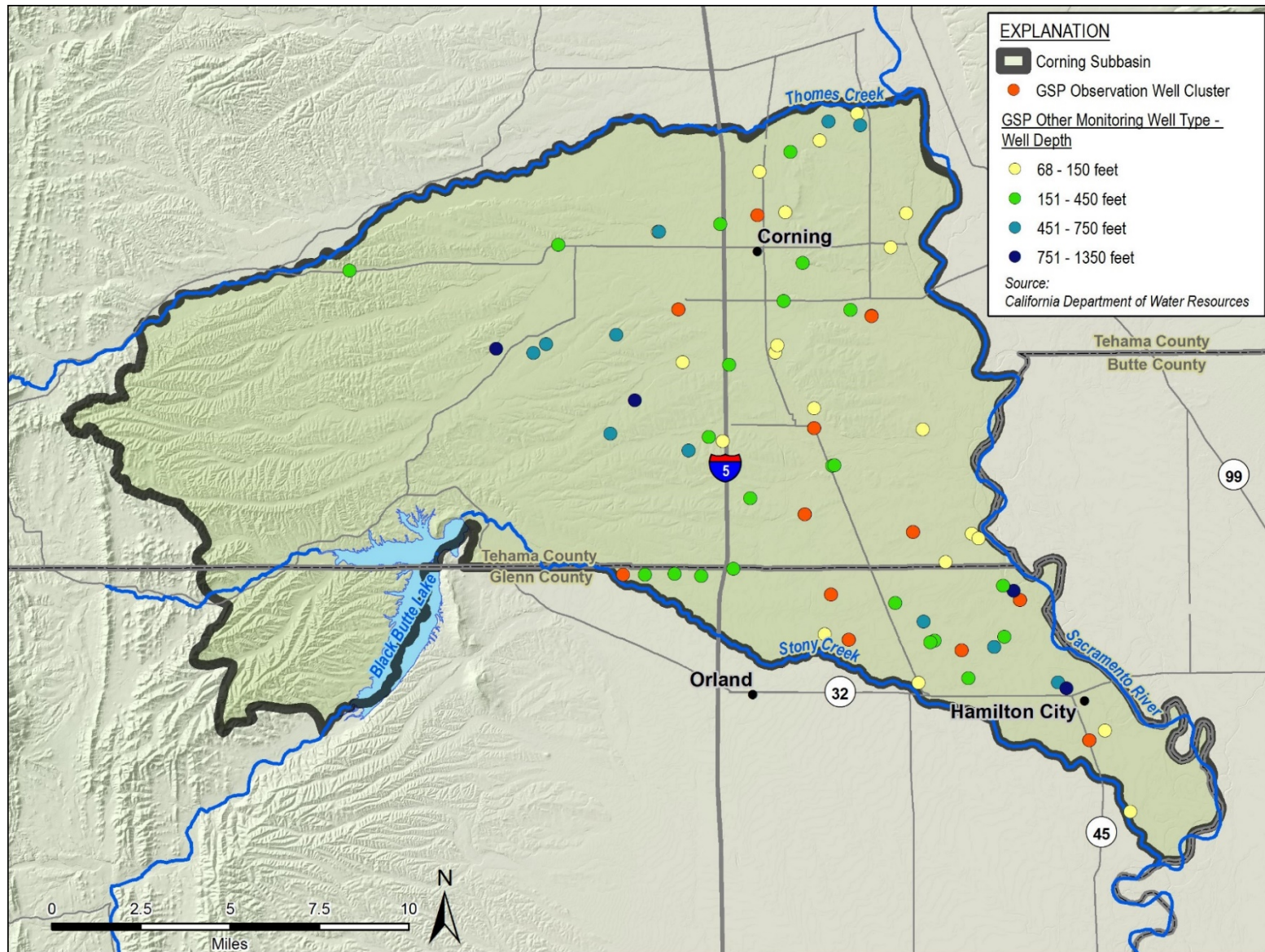


Figure 5-1. GSP Groundwater Level Monitoring Network

- 21 of the 45 GSP observation cluster wells were not included in the RMP well network as the groundwater level trends matched closely with other wells in the cluster. As such, 22 total wells were selected for the shallow and deep RMP networks from the 11 observation well clusters in the Subbasin.

Table 5-2 summarizes the well location data for the RMP monitoring wells. Figure 5-2 shows the locations of wells in the shallow RMP network, and Figure 5-3 shows the location of wells in the deep RMP network. Hydrographs showing groundwater elevations over time, well locations, surveyed elevations, and well screen information are included for each well in Appendix 5B (well information) and Appendix 5C (hydrographs). The RMP well network will be reviewed during each future 5-year update to fill data gaps, assess well conditions, and add or remove wells based on GSP monitoring needs. New wells can also be added during annual reports if they become available and deemed appropriate for GSP monitoring.

Table 5-2. Groundwater Level RMP Well Summary Data

RMP Network	State Well Number	Well Type	Total Well Depth (feet bgs)	Perforated Interval (feet bgs)	Latitude (NAD 83)	Longitude (NAD 83)	Reference Point Elevation (feet AMSL)
Shallow	21N01W04N001M	Domestic	100	--	39.69710	-121.98930	137.68
Shallow	22N01W19E003M	Irrigation	500	80 - 400	39.75002	-122.02669	157.79
Shallow	22N01W29N003M	Observation	400	189 - 380	39.72627	-122.01052	149.99
Shallow	22N02W01N003M	Observation	440	210 - 370	39.78356	-122.04614	161.50
Shallow	22N02W15C004M	Observation	258	210 - 220	39.76344	-122.07716	192.25
Shallow	22N02W18C003M	Observation	188	165 - 175	39.76820	-122.13645	225.54
Shallow	22N03W01R002M	Observation	314	270 - 280	39.78662	-122.14552	228.53
Shallow	22N03W05F002M	Irrigation	218	188 - 218	39.79560	-122.22780	298.89
Shallow	22N03W06B001M	Domestic	210	195 - 210	39.79527	-122.24339	309.90
Shallow	22N03W12Q003M	Domestic	124	112 - 123	39.77050	-122.14910	232.94
Shallow	23N02W16B001M	Irrigation	120	100 - 120	39.85339	-122.09629	186.53
Shallow	23N02W28N004M	Observation	205	100 - 170	39.81167	-122.10200	204.43
Shallow	23N02W34A003M	Irrigation	125	104 - 124	39.81079	-122.07105	171.01
Shallow	23N02W34N001M	Industrial	100	70 - 100	39.79930	-122.08500	185.92
Shallow	23N03W04H001M	Irrigation	270	200 - 270	39.88039	-122.19808	261.90
Shallow	23N03W13C006M	Observation	182	95 - 135	39.85430	-122.15350	215.59
Shallow	23N03W16H001M	Domestic	150	144 - 150	39.84932	-122.20168	278.08
Shallow	23N03W22Q001M	Irrigation	380	--	39.82597	-122.18757	235.97
Shallow	23N03W24A003M	Domestic	199	180 - 199	39.83915	-122.14301	207.44
Shallow	23N03W25M004M	Observation	155	120 - 130	39.81925	-122.15900	237.40
Shallow	24N02W17A001M	Domestic	140	120 - 140	39.94124	-122.10400	212.20
Shallow	24N02W20B001M	Domestic	120	100 - 120	39.92745	-122.11234	223.43
Shallow	24N02W29N003M	Observation	388	200 - 290	39.89962	-122.12275	213.76
Shallow	24N03W02R001M	Domestic	270	--	39.96665	-122.16465	257.95
Shallow	24N03W03R002M	Domestic	132	112 - 132	39.95860	-122.18120	279.46

RMP Network	State Well Number	Well Type	Total Well Depth (feet bgs)	Perforated Interval (feet bgs)	Latitude (NAD 83)	Longitude (NAD 83)	Reference Point Elevation (feet AMSL)
Shallow	24N03W14B001M	Industrial	140	130 - 140	39.94214	-122.16762	294.05
Shallow	24N03W16A001M	Irrigation	195	85 - 195	39.93760	-122.20210	290.97
Shallow	24N03W17M001M	Domestic	108	100 - 108	39.93460	-122.23490	316.48
Shallow	24N03W24E001M	Domestic	224	212 - 220	39.92147	-122.15879	298.45
Shallow	24N03W26K001M	Irrigation	245	103 - 175	39.90609	-122.16893	283.46
Shallow	24N03W29Q001M	Observation	372	130 - 360	39.90305	-122.22456	316.18
Shallow	24N03W35P005M	Domestic	120	100 - 120	39.88510	-122.17370	251.46
Shallow	24N04W14N002M	Domestic	180	--	39.92972	-122.28761	375.52
Shallow	24N05W23L001M	Stock	235	--	39.91976	-122.39783	530.90
Shallow	25N02W31G002M	Irrigation	115	93 - 113	39.98198	-122.12937	223.80
Shallow	Glenn TSS Well	Observation	TBD	TBD	39.79549	-122.25500	TBD
Shallow	Tehama CWT Well	Observation	TBD	TBD	39.94093	-122.18303	TBD
Deep	22N01W29N002M	Observation	670	549 - 641	39.72627	-122.01052	150.68
Deep	22N02W01N002M	Observation	730	700 - 710	39.78356	-122.04614	161.31
Deep	22N02W15C002M	Observation	825	760 - 781	39.76342	-122.07717	192.37
Deep	22N02W18C001M	Observation	1062	841 - 1029	39.76820	-122.13645	224.64
Deep	22N03W01R001M	Observation	515	470 - 480	39.78662	-122.14550	228.17
Deep	23N02W28N002M	Observation	580	550 - 570	39.81170	-122.10200	204.37
Deep	23N03W07F001M	Irrigation	790	240 - 790	39.86618	-122.24796	314.40
Deep	23N03W13C004M	Observation	835	815 - 825	39.85430	-122.15350	215.88
Deep	23N03W17R001M	Irrigation	720	360 - 720	39.84559	-122.21995	302.50
Deep	23N03W25M002M	Observation	513	470 - 500	39.81925	-122.15900	237.68
Deep	23N04W13G001M	Irrigation	560	--	39.85270	-122.26100	360.71
Deep	24N02W29N004M	Observation	741	590 - 710	39.89960	-122.12270	213.45
Deep	24N03W17M002M	Irrigation	505	315 - 495	39.93458	-122.23443	316.80
Deep	24N03W29Q002M	Observation	575	490 - 550	39.90305	-122.22456	315.76
Deep	24N04W33P001M	Irrigation	780	250 - 780	39.88760	-122.32070	424.56
Deep	24N04W34K001M	Irrigation	750	310 - 750	39.88933	-122.29434	421.50
Deep	24N04W34P001M	Irrigation	535	290 - 475	39.88578	-122.30107	440.10
Deep	24N04W36G001M	Irrigation	750	320 - 750	39.89290	-122.25731	362.20
Deep	25N03W36H001M	Irrigation	524	--	39.97888	-122.14458	241.00
Deep	Glenn TSS Well	Observation	TBD	TBD	39.79549	-122.25500	TBD
Deep	Tehama CWT Well	Observation	TBD	TBD	39.94093	-122.18303	TBD

TBD = to be determined

-- = not available

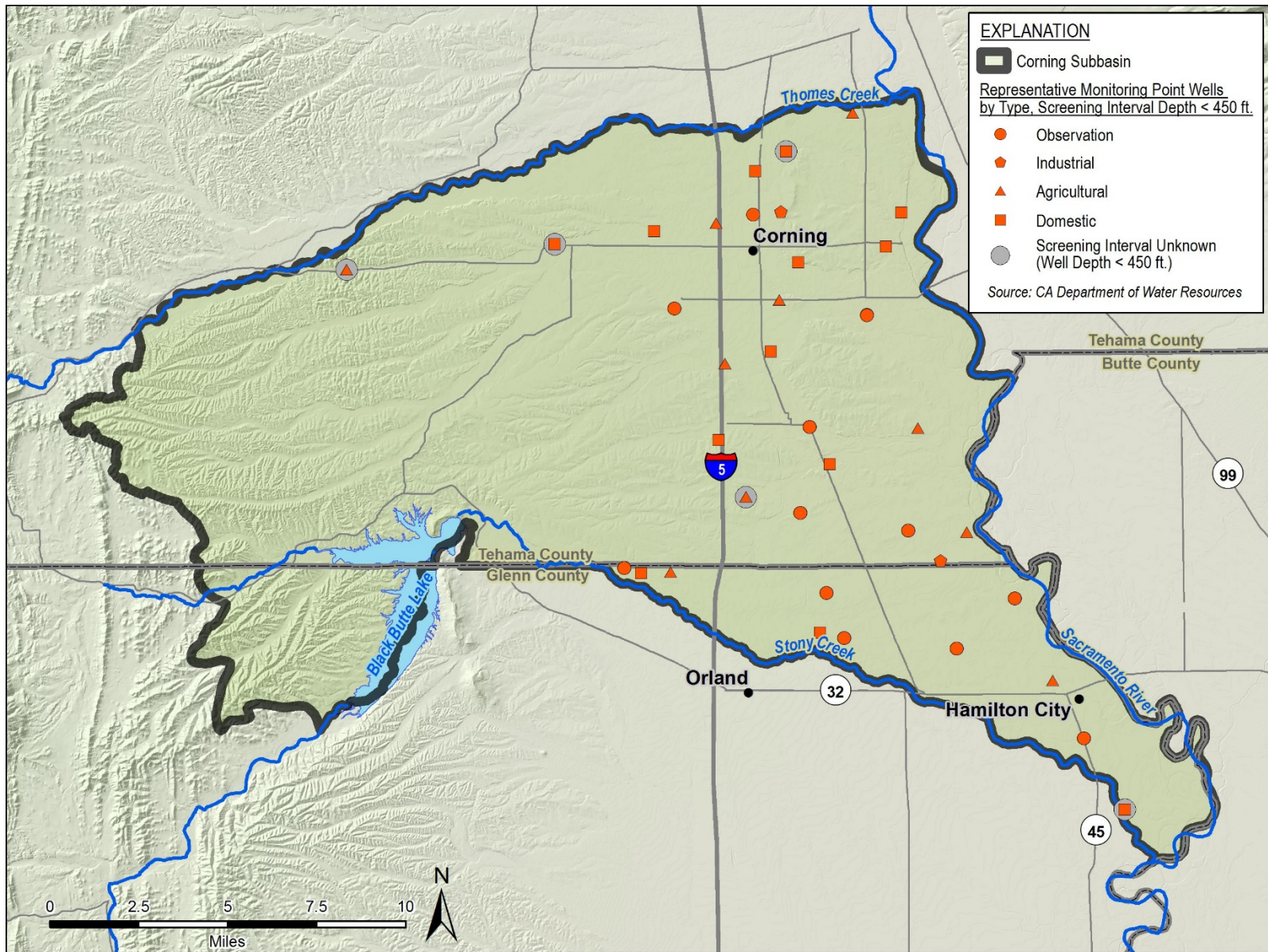


Figure 5-2. Shallow Groundwater RMP Well Locations (less than 450 feet deep)

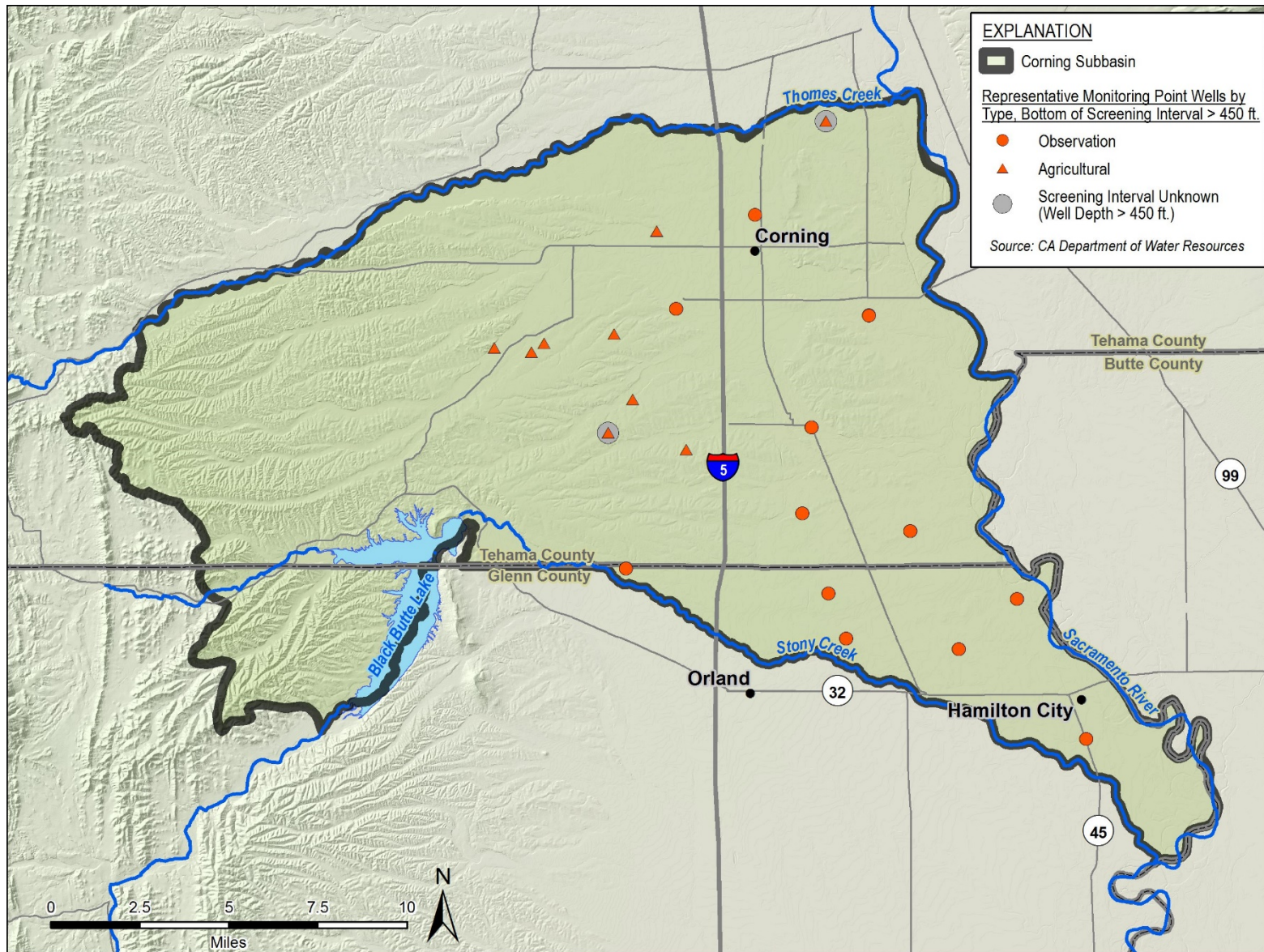
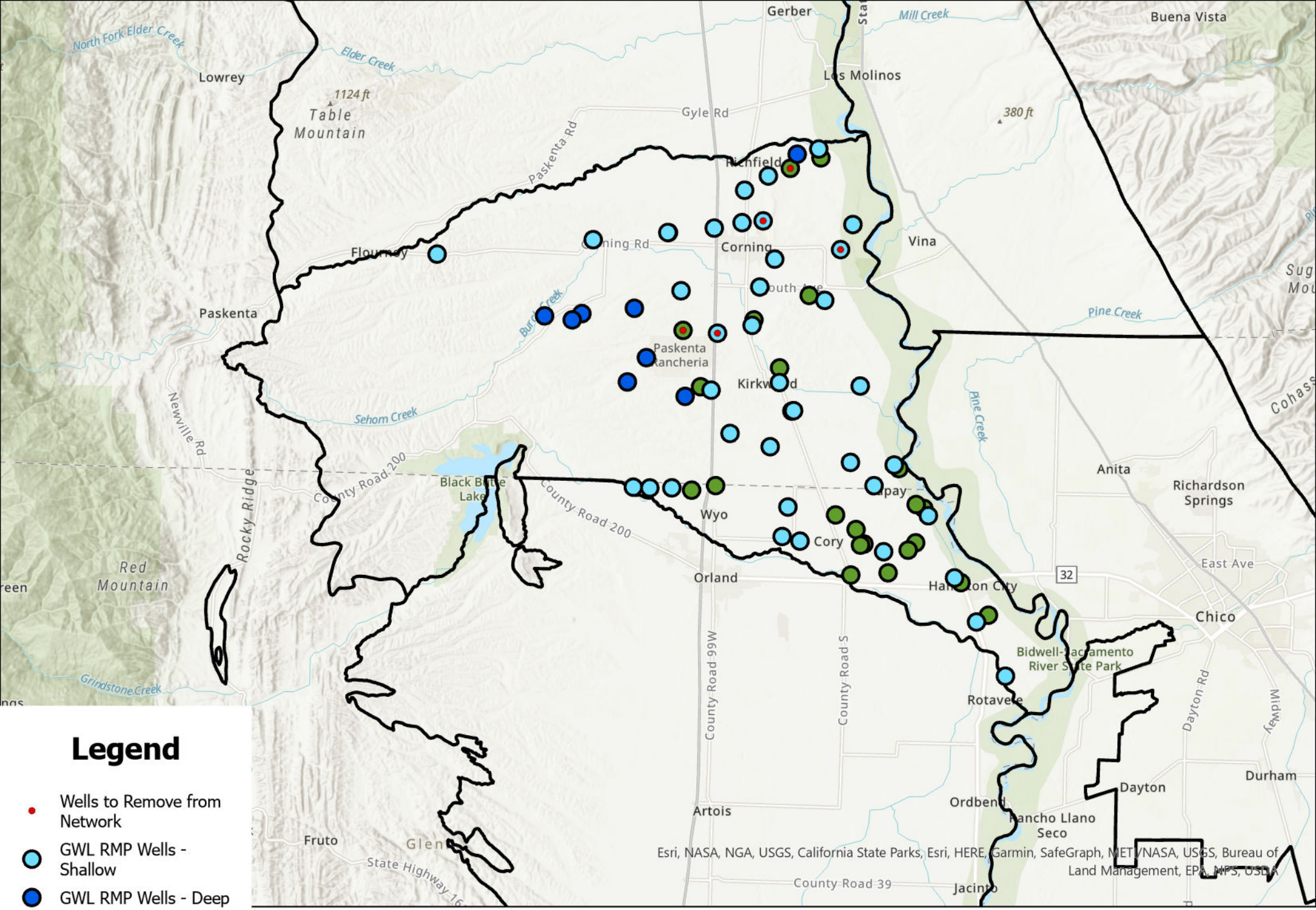
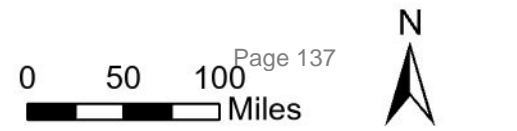


Figure 5-3. Deep Groundwater RMP Well Locations (greater than 450 feet deep)



Corning Subbasin Monitoring Well Locations



13. Corning Sub-basin Groundwater Sustainability Agency (CSGSA) Operations and GSP Implementation Fee Project

- a. Receive an update on the CSGSA Fee Project activities.
- b. Discussion on User Classification Change Request process

Luhdorff & Scalmanini Consulting Engineers (LSCE) worked with the CSGSA to develop a long-term funding strategy to achieve GSP implementation and SGMA compliance over the next five-year period. After an extensive process, the CSGSA held a public hearing on August 8, 2023 to consider the proposed fees. Following the public hearing, protests were tabulated and it was reported that 143 valid protests were received out of a possible 1,576. The CSGSA considered and subsequently adopted maximum annual fees of \$0.93 per non-irrigated acre, \$6.14 per irrigated- surface water acre, and \$14.60 per irrigated-groundwater acre. Additionally, the CSGSA fee policy was approved.

The direct charge files were prepared by LSCE and submitted to the Glenn County Department of Finance on August 10, 2023, which included 1,576 records for a total of \$336,049.56. After processing corrections, the total number of records stands at 1,498 records for a total amount of \$306,176.64. There are 77 additional parcels that will need to be invoiced directly for a total of \$22,308.52.

As this new process continues forward, it is important to consider the User Classification Change Request (UCCR) process. The general process has been laid out in the CSGSA fee policy and outlines how an individual may request a User Classification change. The CSGSA has discussed the internal process by which a UCCR will be processed and will continue the discussion.

The CSGSA long-term funding webpage can be found at the following link:

<https://www.countyofglenn.net/dept/planning-community-development-services/water-resources/sustainable-groundwater-management-9>

Additional updates may be provided.

14. Corning Subbasin Groundwater Sustainability Plan Implementation

- a. Receive update on Groundwater Sustainability Plan Implementation.

Updates may be provided on activities relating to the Corning Subbasin Groundwater Sustainability Plan Implementation.

15. Corning Subbasin Advisory Board Report

The Corning Subbasin Advisory Board (CSAB) met on September 6, 2023, October 4, 2023, and November 1, 2023. The CSAB received an update on GSA activities, set the 2024 CSAB meeting schedule, received a presentation and provided feedback on the draft

Corning Subbasin Operations Plan, had initial discussions of the “incomplete” determination of the Corning Subbasin GSP, and continued the discussion on prioritization of basin-wide tasks. The CSAB also provided a recommendation on the Corning Subbasin monitoring network which was detailed in a previous agenda item.

The next CSAB meeting is scheduled to take place December 6, 2023 at 1:30 p.m.

CSAB meeting materials, including presentations, agendas, and meeting summaries are available on the website at: www.corningsubbasingsp.org.

Advisory Board members may provide additional updates.

16. Corning Sub-basin GSA Committee Member Reports and Comments

Members of the CSGSA Committee are encouraged to share information, reports, comments, and suggest future agenda items. Action cannot be taken on matters brought up under this item.

17. Next Meeting

The next regular meeting is scheduled for December 14, 2023 at 2:00 p.m.

18. Adjourn

The meeting will be adjourned.
